



GENESIS
ELECTRICAL SDN BHD





GENESIS ELECTRICAL SDN.BHD (GESB) was founded in 2014. With a passion in the lighting industry, we correlate with highly talented Personnel to develop a team with a visionary slogan: - "The Light of The Next Generation". In order to excel in our 6Cs Principles: - "Criteria, Cost, Comply, Choice, Comfort & Care;" we are eager to encourage the continued development, improvement and sustainable growth of our company.

We believe lighting plays an important role in modern society. Therefore, responsible research and development activities are significant to upkeep the needs of the customers, consumers and the environment. The development of our products involve completely diverse and vigilant approach. Each product will be thoroughly studied and analysed to fulfil the design requirement, performance, technical and structural characteristics before production.

In designing the lighting applications, the use of latest & recognized lighting software will provide the best algorithms for lighting calculation and simulations. It ensures a realistic preview of what the reality will be to our clientele. Our project designing team will provide support throughout the process and keen to deliver expert advice on issues related to lighting efficiency, types & source of luminaires, technical aspect, lighting level requirement, placing point, security conditions and maintenance.

GESB will continuously update in line with the revolution of lights. LED technology nowadays has made possible the construction of lighting fixtures with minimal power consumption, reduced CO₂ emission & light pollution, longer life span, high efficiency and low maintenance. Collaboration with recognized LED sources worldwide, GESB will always offer the best efficiency LEDs, advance lenses, MCPCB-support (Metal Core Printed Circuit Board), electronics parts and materials in our LED products range.

Last but not least, as the lights fixture exposed to sight, it has to suit in the context where it is installed for both day and night. It has to match each aesthetical need and creates good alliance between aesthetics and lighting performance. Hence, maximum care for the product finishing and presentation is within our company's portfolio. We cooperate with the best designers of our sector who are able to match the shape of a fitting together with its functionality. Attention to quality and reliability, combined with unique design are the driving forces behind the evolution and creation of our products.

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LED Street Light



LED Street Light
Description p.2



GNS - LT001 p.3



GNS - LT002 p.3



GNS - LT003 p.4



GNS - LT004 p.4



GNS - LT005 p.5



GNS - LT006 p.5



GNS - LT007 p.6

LED Solar Light



GNS - SR001 p.7



GNS - SR002 p.7



GNS - SR003 p.7



GNS - SR004 p.7



GNS - SR005 p.7



GNS - SR006 p.8

LED Compound Light



GNS - PS001 p.9



GNS - PS002 p.9



GNS - PS003 p.9



GNS - PS004 p.9



GNS - PS005 p.9



GNS - PS006 p.9

Street Lighting





LED Street Light

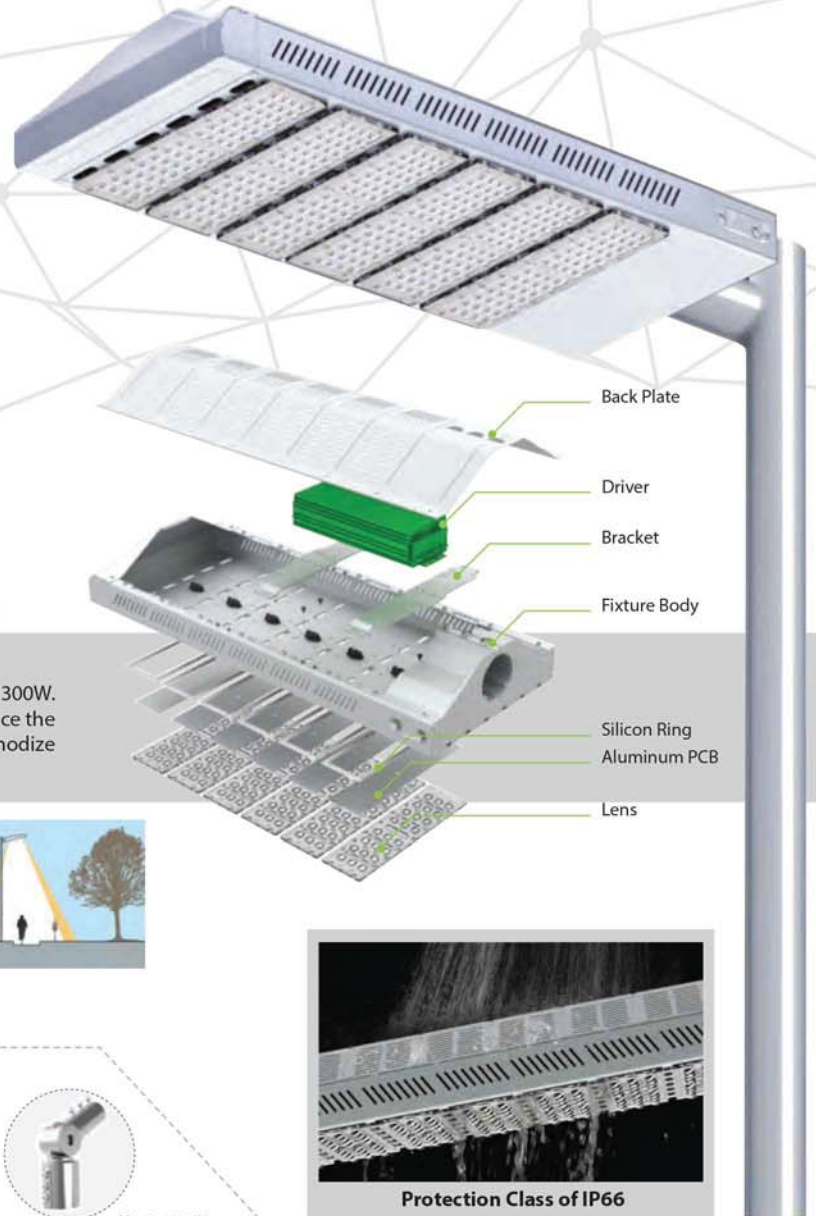
Street Lighting

CE RoHS W ANSI CareQuality Commission IP 66



Descriptions

GNS Street Light Series has 6 range models from 30W to 300W. Features with 3D design aluminum heat sink would enhance the heat dissipation process. Phosphor-Chromium coating & anodize process will give the lantern corrosion protection.



Features :-



Up to 120°



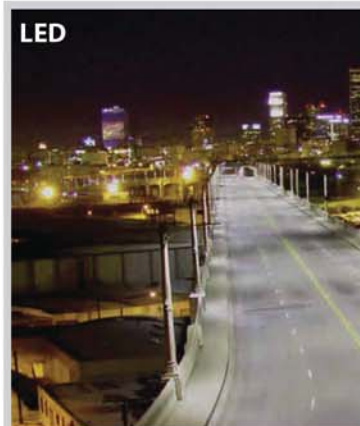
Protection Class of IP66



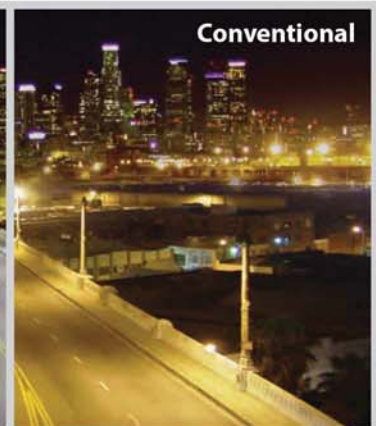
Adjustable Spigot



LED



Conventional



Street Lighting

CE RoHS    

LED Street Light



GNS-LT001



GNS-LT002

Product Characters :-

Body	: High quality die-cast aluminum alloy
Lens	: Clear polycarbonate
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

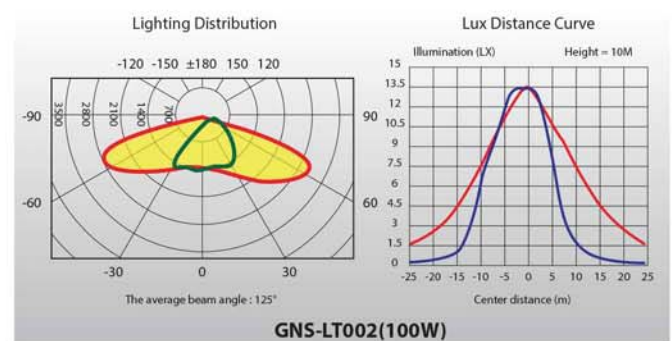
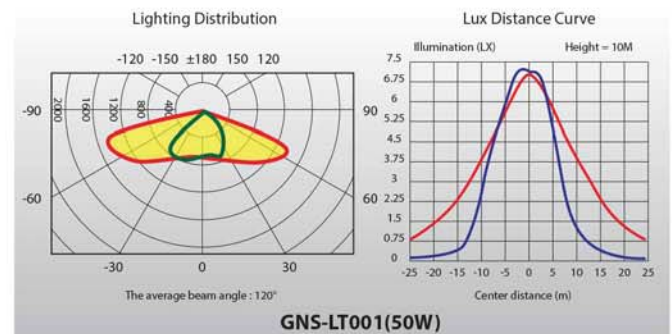
Applications :-

Streets, highways, villas, parks, garden, squares etc.

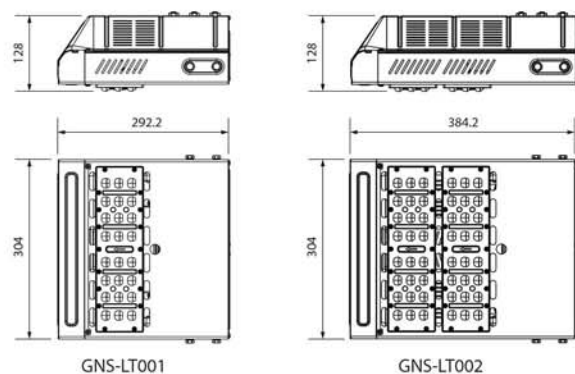
Specifications :-

Item No.	GNS-LT001	GNS-LT002
Power	30-50W	60-100W
Luminous Flux	3300-5500lm	6600-11000lm
Input Power	AC90-305V, 50/60Hz	
Color Temperature	2700K - 5500K	
IP Rating	IP66	
LED Chip	Samsung 131A	
Lens Angle	60°, 150°	
Power Factor	>0.96	
Light Efficiency	>89%	
Coloring Index (CRI)	>70	
Operating Temperature	-40°C ~ 50°C	
Storage Temperature	-40°C ~ 85°C	
Operating Humidity	10% ~ 90%	
Storage Humidity	10% ~ 90%	
Lifespan	≥50,000 Hrs	

Photometric Data :-



Dimensions :-



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LED Street Light

Street Lighting

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GNS-LT003



GNS-LT004



Product Characters :-

- Body : High quality die-cast aluminum alloy
- Lens : Clear polycarbonate
- Gasketing : Thermostable silica gel to improve protection class
- Fastener : Stainless steel with high intensity and corrosion protection
- Circuit Protection : Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

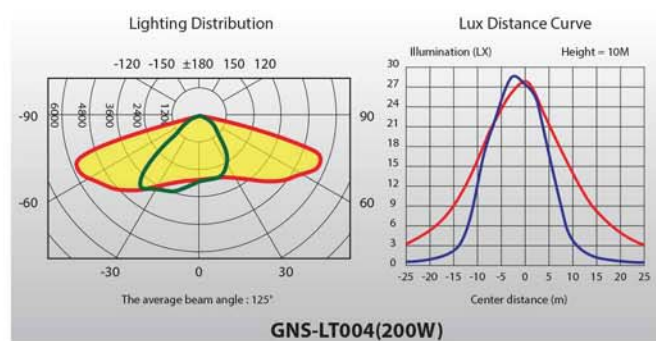
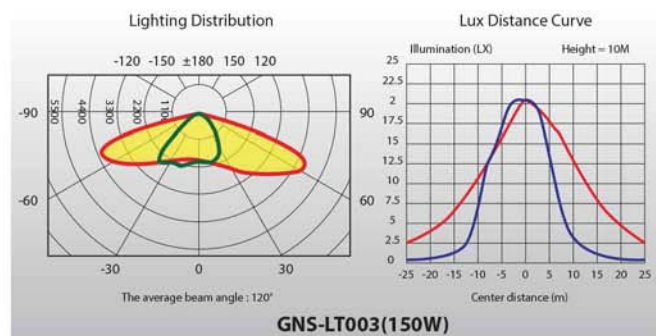
Applications :-

Streets, highways, villas, parks, garden, squares etc.

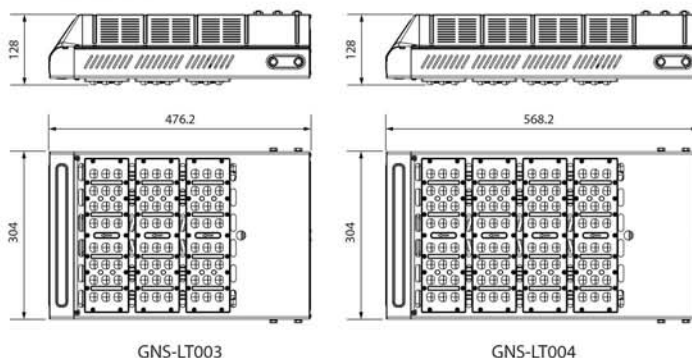
Specifications :-

Item No.	GNS-LT003	GNS-LT004
Power	90-150W	120-200W
Luminous Flux	9900-16500lm	13200-22000lm
Input Power	AC90-305V, 50/60Hz	
Color Temperature	2700K - 5500K	
IP Rating	IP66	
LED Chip	Samsung 131A	
Lens Angle	60°, 150°	
Power Factor	>0.96	
Light Efficiency	>89%	
Coloring Index (CRI)	>70	
Operating Temperature	-40°C ~ 50°C	
Storage Temperature	-40°C ~ 85°C	
Operating Humidity	10% ~ 90%	
Storage Humidity	10% ~ 90%	
Lifespan	≥50,000 Hrs	

Photometric Data :-



Dimensions :-



GNS-LT003

GNS-LT004

Street Lighting

CE RoHS VV ANSI CareQuality Commission IP66

LED Street Light



GNS-LT005



GNS-LT006



Product Characters :-

- Body : High quality die-cast aluminum alloy
- Lens : Clear polycarbonate
- Gasketing : Thermostable silica gel to improve protection class
- Fastener : Stainless steel with high intensity and corrosion protection
- Circuit Protection : Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

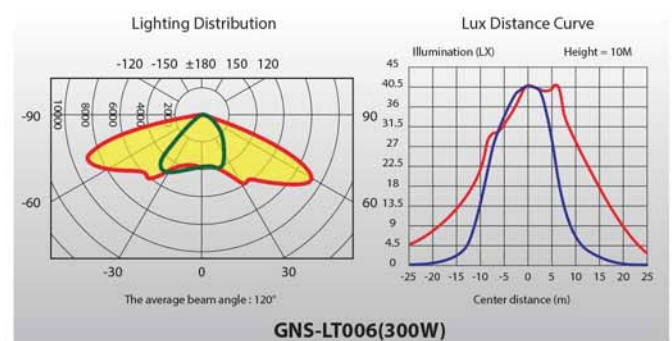
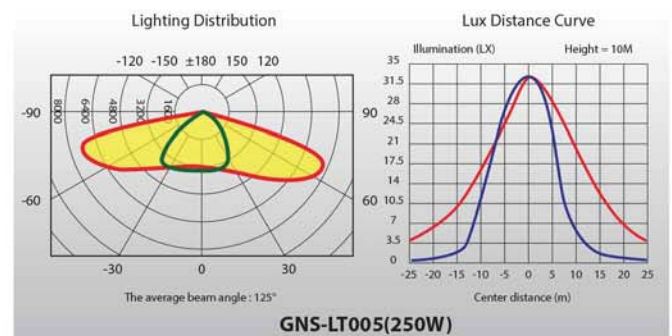
Applications :-

Streets, highways, villas, parks, garden, squares etc.

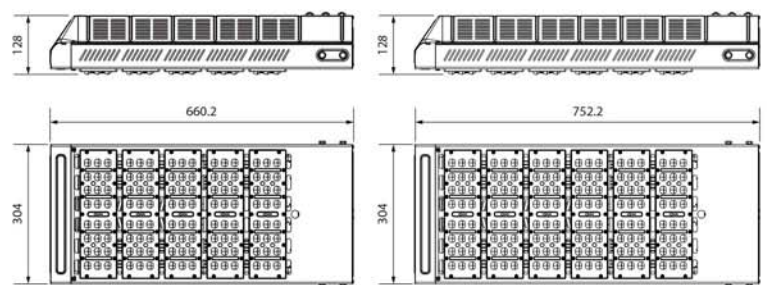
Specifications :-

Item No.	GNS-LT005	GNS-LT006
Power	150-250W	200-300W
Luminous Flux	16500-27500lm	22000-33000lm
Input Power	AC90-305V, 50/60Hz	
Color Temperature	2700K - 5500K	
IP Rating	IP66	
LED Chip	Samsung 131A	
Lens Angle	60°, 150°	
Power Factor	>0.96	
Light Efficiency	>89%	
Coloring Index (CRI)	>70	
Operating Temperature	-40°C ~ 50°C	
Storage Temperature	-40°C ~ 85°C	
Operating Humidity	10% ~ 90%	
Storage Humidity	10% ~ 90%	
Lifespan	≥50,000 Hrs	

Photometric Data :-



Dimensions :-



GNS-LT005

GNS-LT006

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LED Street Light

Street Lighting

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GNS-LT007



WHITE, RAL 9010 GREY, RAL 9006 BLACK, RAL 9005 GREEN, RAL 6010 BLUE, RAL 5017 MAROON, RAL 3005 GOLD, RAL 1001

Product Characters :-

- Body : High quality die-cast aluminum alloy
- Lens : Clear polycarbonate
- Gasketing : Thermostable silica gel to improve protection class
- Fastener : Stainless steel with high intensity and corrosion protection
- Circuit Protection : Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

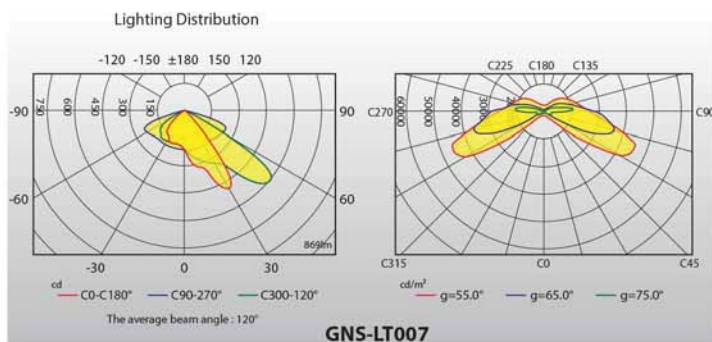
Applications :-

Streets, highways, villas, parks, garden, squares etc.

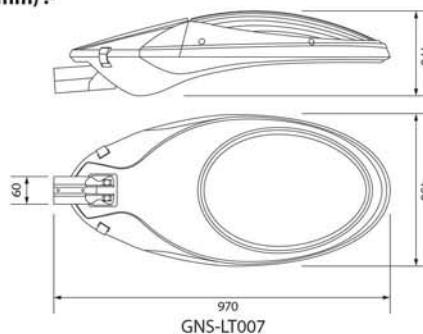
Specifications :-

Item No.	GNS-LT007		
Power	120W	150W	180W
Luminous Flux	10800lm	13500lm	16200lm
Light Efficiency	≥88%	≥90%	≥82%
Luminous Efficiency	≥90lm/W		
Input Power	AC85-305V, 50/60Hz		
Color Temperature	2700K - 5500K		
IP Rating	IP66		
LED Chip	CREE XPG2		
Lens Angle	60°, 150°		
Power Factor	>0.96		
Light Efficiency	>89%		
Coloring Index (CRI)	>70		
Operating Temperature	-20°C ~ 50°C		
Storage Temperature	-20°C ~ 85°C		
Operating Humidity	10% ~ 90%		
Storage Humidity	10% ~ 90%		
Lifespan	≥50,000 Hrs		

Photometric Data :-



Dimensions (mm) :-



Street Lighting

CE RoHS W ANSI CareQuality Commission IP65

LED Solar Light



Product Characters :-

Body	: High quality die-cast aluminum alloy
Lens	: Clear polycarbonate
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

Applications :-

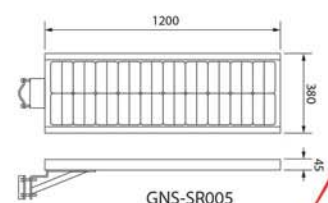
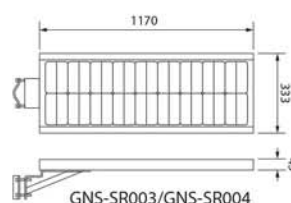
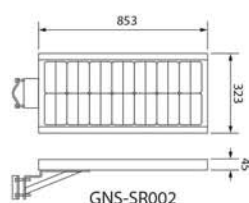
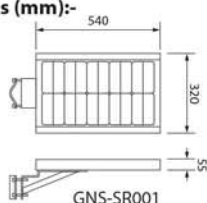
Streets, highways, villas, parks, garden, squares etc.



Specifications :-

Item No.		GNS-SR001	GNS-SR002	GNS-SR003	GNS-SR004	GNS-SR005
Solar Panel	Max. Power	18V 18W	18V 40W	18V 60W	18V 60W	18V 80W
	Life Time	20Years				
Battery	Type	6AH Litium Battery	20AH Litium Battery	24AH Litium Battery	27AH Litium Battery	33AH Litium Battery
	Life Time	3 Years				
LED Lamp (with PIR sensor)	Max. Power	12V 12W	12V 20W	12V 30W	12V 40W	12V 60W
	Lumen	1200lm - 1320lm	2000lm - 2400lm	3000lm - 3300lm	4000lm - 4400lm	6000lm - 6600lm
	LED Chip	Bridgelux from USA with high brightness				
	Life Time	50,000 Hours				
	Viewing Angle	120°				
Charge Time	By Sun	7 Hours (with strong sunlight)				
Discharge Time	Full Power	More than 15 hours				
	Dim. Mode	More than 30 hours				
Working Temp.		-30°C ~ 60°C				
Color Temp.		3000-6000K				
Mounting Height		3M - 4M	4M - 5M	6M - 7M	7M - 8M	8M - 9M
Spacing Between Pole		5M - 6M	7M - 8M	9M - 10M	12M - 15M	18M - 20M
Dimension (mm)		540 x 320 x 55	853 x 323 x 45	1170 x 333 x 45	1170 x 333 x 45	1200 x 380 x 45

Dimensions (mm):-



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LED Solar Light

Street Lighting

CE RoHS W ANSI CareQuality Commission IP 65



Product Characters :-

- Body : High quality die-cast aluminum alloy & ABS plastic
- Lens : Clear polycarbonate
- Gasketing : Thermostable silica gel to improve protection class
- Fastener : Stainless steel with high intensity and corrosion protection
- Circuit Protection : Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

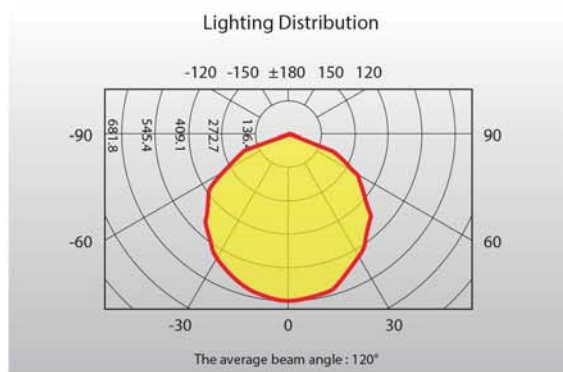
Applications :-

Streets, highways, villas, parks, garden, squares etc.

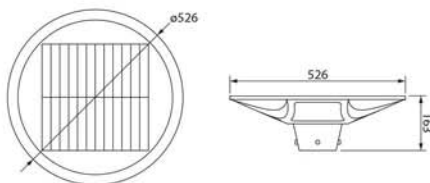
Specifications :-

Item No.	GNS-SR006	
Solar Panel	Max. Power	5.5V 15.6W
Battery	Type	3.7V, 96Wh Litium-Ion Battery
LED Lamp	Max. Power	9W
	Lumen	900lm
	Life Time	50,000 Hours
	Viewing Angle	120°
Charge Time	By Sun	10 Hours (with strong sunlight)
Discharge Time		More than 36 hours
Working Temp.		-25°C ~ 65°C
Color Temp.		2700K - 6500K
Pole Height		3M - 4M

Photometric Data :-



Dimensions (mm):-



Street Lighting

CE RoHS VLV ANSI CareQuality Commission IP65



Dimension (mm) :-



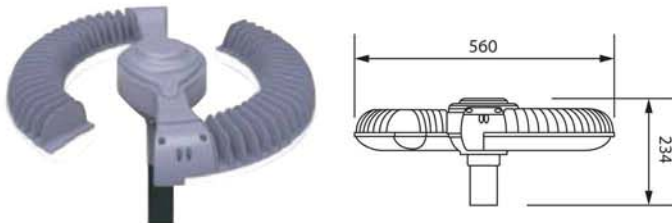
GNS-PS001

Dimension (mm) :-



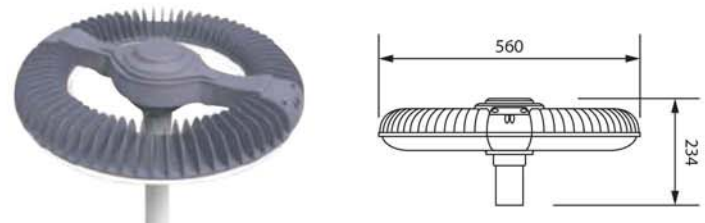
GNS-PS002

Dimension (mm) :-



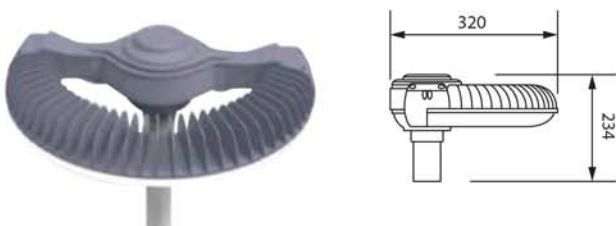
GNS-PS003

Dimension (mm) :-



GNS-PS004

Dimension (mm) :-



GNS-PS005

Dimension (mm) :-



GNS-PS006

Product Characteristic :-

Body	: High quality aluminum alloy, Hot Dipped Galvanized with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I																
Standard	: IEC60598/GB7000																
Protection	: IP65																
Lamping	: LED 20-80W																
Finishing Color	: <table><tr><td></td><td>WHITE, RAL 9010</td><td></td><td>GREY, RAL 9006</td><td></td><td>BLACK, RAL 9005</td><td></td><td>GREEN, RAL 6010</td></tr><tr><td></td><td>BLUE, RAL 5017</td><td></td><td>MAROON, RAL 3005</td><td></td><td>GOLD, RAL 1003</td><td></td><td></td></tr></table>		WHITE, RAL 9010		GREY, RAL 9006		BLACK, RAL 9005		GREEN, RAL 6010		BLUE, RAL 5017		MAROON, RAL 3005		GOLD, RAL 1003		
	WHITE, RAL 9010		GREY, RAL 9006		BLACK, RAL 9005		GREEN, RAL 6010										
	BLUE, RAL 5017		MAROON, RAL 3005		GOLD, RAL 1003												
	: Other RAL colors are available upon request.																



Wallwasher Light Series



GNS - WW001 p.12



GNS - WW002 p.12



GNS - WW003 p.12



GNS - WW004 p.13



GNS - WW005 p.13



GNS - WW006 p.14



GNS - WW007 p.14



GNS - WW008 p.15



GNS - WW009 p.16



GNS - WW010 p.16



GNS - WW011 p.16

Floodlight Series



GNS - FL001 p.17



GNS - FL002 p.17



GNS - FL003 p.17



GNS - FL004 p.18



GNS - FL005 p.18



GNS - FL006 p.19



GNS - FL007 p.19



GNS - FL008 p.20



GNS - FL009 p.20



GNS - FL010 p.21



GNS - FL011 p.22



GNS - FL012 p.22

Spot Light Series



GNS - SG001 p.23



GNS - SG002 p.23



GNS - SG003 p.23



GNS - SG004 p.23



GNS - SG005 p.23



GNS - SG006 p.23

Spike Light Series



GNS - SL001 p.24



GNS - SL002 p.24



GNS - SL003 p.24



GNS - SL004 p.24



GNS - SL005 p.24



GNS - SL006 p.24





Wallwasher Light Series

Architectural Lighting

CE RoHS W ANSI CareQuality Commission IP 65



GNS-WW001



GNS-WW002



GNS-WW003

Product Characters :-

Body	: High quality extruded aluminum with adjustable brackets
Diffuser	: Tempered glass
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

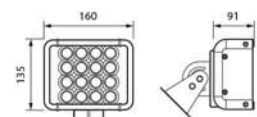
Applications :-

Facade, villas, parks, garden, squares, bridge etc.

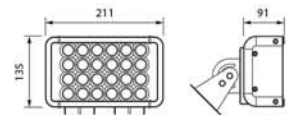
Specifications :-

Item No.	GNS-WW001	GNS-WW002	GNS-WW003
Power	24W	36W	72W
LED Qty.	16pcs	24pcs	48pcs
Voltage	AC220V/DC24V		
Beam Angle	25° to 120°		
Color Rendering (CRI)	>80		
Color Temperature (CCT)	3000K-6000K		
Insulation Class	Class I		
Standard	IEC60598/GB7000		
IP Rating	IP65		
LED Chip	CREE LED (U.S)		
LED Lifespan	≥50,000 hours		
Operating Temperature	-40°C to 60°C		
Storage Temperature	-40°C to 85°C		
Working Humidity	10% to 95%		
Storage Humidity	10% to 95%		
Power Factor	0.95		
Other LED Color Option	Red, Yellow, Green, Blue		

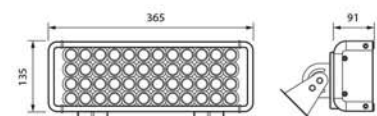
Dimensions (mm) :-



GNS-WW001



GNS-WW002



GNS-WW003

Features :-



Adjustable mount brackets for perfect mounting angle



Heat Sink with passive cooling



Supplied with 800mm VDE certified cable



CREE LED - the best on market

Architectural Lighting

CE RoHS     

Wallwasher Light Series



GNS-WW004



GNS-WW005

Product Characters :-

Body	: High quality extruded aluminum with adjustable brackets
Diffuser	: Tempered glass
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

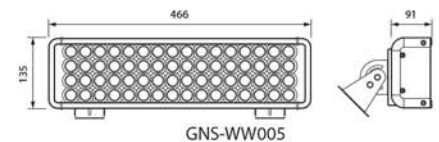
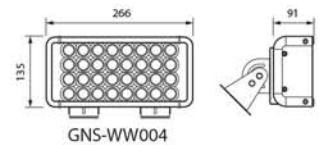
Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Specifications :-

Item No.	GNS-WW004	GNS-WW005
Power	48W	96W
LED Qty.	32pcs	64pcs
Voltage	AC220V/DC24V	
Beam Angle	25° to 120°	
Color Rendering (CRI)	>80	
Color Temperature (CCT)	3000K-6000K	
Insulation Class	Class I	
Standard	IEC60598/GB7000	
IP Rating	IP65	
LED Chip	CREE LED (U.S)	
LED Lifespan	≥50,000 hours	
Operating Temperature	-40°C to 60°C	
Storage Temperature	-40°C to 85°C	
Working Humidity	10% to 95%	
Storage Humidity	10% to 95%	
Power Factor	0.95	
Other LED Color Option	Red, Yellow, Green, Blue	

Dimensions (mm) :-



Features :-



Adjustable mount brackets for perfect mounting angle



Heat Sink with passive cooling



Supplied with 800mm VDE certified cable



CREE LED - the best on market



Architectural Lighting

CE RoHS W ANSI CareQuality Commission IP65



GNS-WW006



GNS-WW007

Product Characters :-

Body	: High quality extruded aluminum with adjustable brackets
Diffuser	: Tempered glass
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

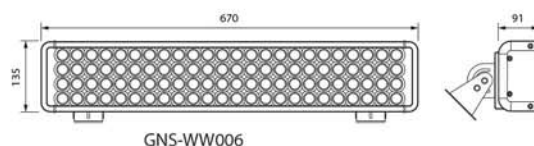
Applications :-

Facade, villas, parks, garden, squares, bridge etc.

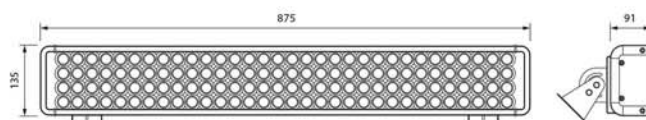
Specifications :-

Item No.	GNS-WW006	GNS-WW007
Power	144W	196W
LED Qty.	96pcs	128pcs
Voltage	AC220V/DC24V	
Beam Angle	25° to 120°	
Color Rendering (CRI)	>80	
Color Temperature (CCT)	3000K-6000K	
Insulation Class	Class I	
Standard	IEC60598/GB7000	
IP Rating	IP65	
LED Chip	CREE LED (U.S)	
LED Lifespan	≥50,000 hours	
Operating Temperature	-40°C to 60°C	
Storage Temperature	-40°C to 85°C	
Working Humidity	10% to 95%	
Storage Humidity	10% to 95%	
Power Factor	0.95	
Other LED Color Option	Red, Yellow, Green, Blue	

Dimensions (mm) :-



GNS-WW006



GNS-WW007

Features :-



Adjustable mount brackets for perfect mounting angle



Heat Sink with passive cooling



Supplied with 800mm VDE certified cable



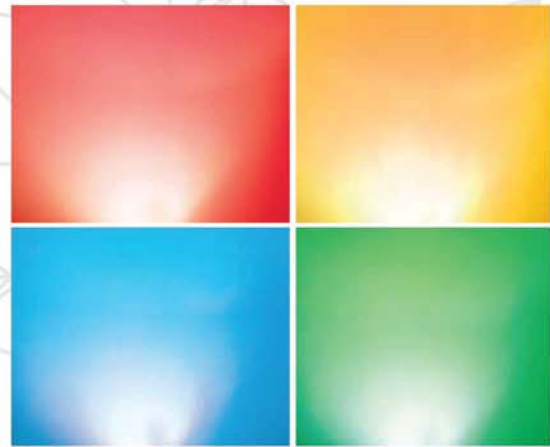
CREE LED - the best on market



Architectural Lighting

CE RoHS VV ANSI CareQuality Commission IP65

Wallwasher Light Series



GNS-WW008

Product Characters :-

Body	: High quality die-cast aluminum with adjustable brackets
Diffuser	: Tempered glass
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

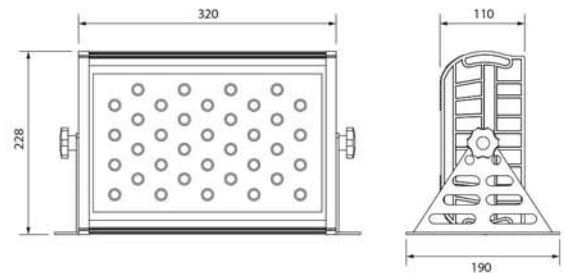
Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Specifications :-

Item No.	GNS-WW008
Power	36W
LED Qty.	36pcs
Voltage	AC90-240V/DC24V
Beam Angle	60°
Color Rendering (CRI)	>80
Color	RGB
IP Rating	IP65
LED Chip	High Power LED
LED Lifespan	≥50,000 hours
Operating Temperature	-30°C to 50°C
Storage Temperature	-30°C to 80°C
Working Humidity	10% to 95%
Storage Humidity	10% to 95%
Power Factor	0.95

Dimensions (mm) :-



GNS-WW008





Wallwasher Light Series

Architectural Lighting

CE RoHS W ANSI CareQuality Commission IP 65



GNS-WW009/GNS-WW010/GNS-WW011



Product Characters :-

Body	: High quality extruded aluminum with adjustable brackets
Diffuser	: Tempered glass
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

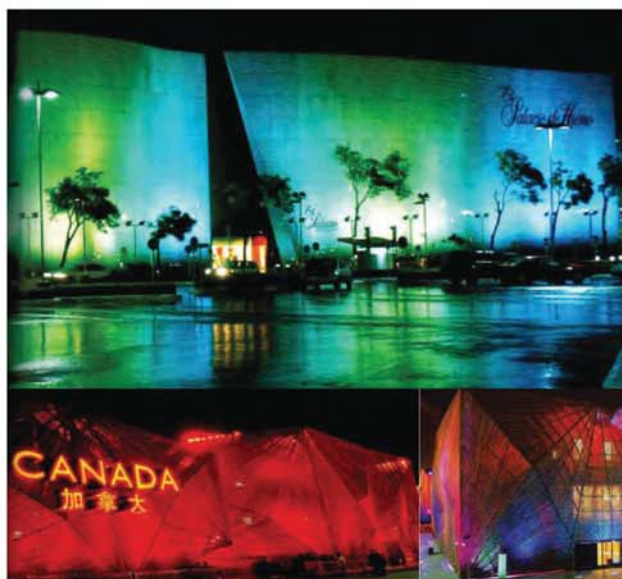
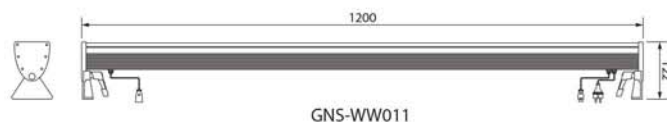
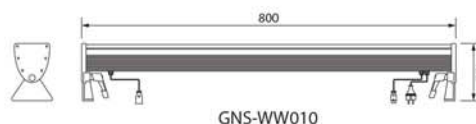
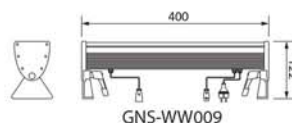
Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Specifications :-

Item No.	GNS-WW009	GNS-WW010	GNS-WW011
Power	21.6W	43.2W	64.8W
LED Qty.	R4, G4, B4	R8, G8, B8	R12, G12, B12
Voltage	AC90-264V/DC24V		
Beam Angle	25°		
Color Rendering (CRI)	>80		
Color	RGB, White		
Max Luminous Intensity	1022.806cd		
Lumen	370.7lm		
IP Rating	IP66		
LED Chip	High Power LED		
LED Lifespan	≥30,000 hours		
Operating Temperature	-20°C to 40°C		
Storage Temperature	-20°C to 50°C		
Working Humidity	10% to 95%		
Storage Humidity	10% to 95%		
Power Factor	0.95		

Dimensions (mm) :-



Architectural Lighting

CE RoHS UL ANSI CareQuality Commission IP65

Floodlight Series



GNS-FL001



GNS-FL002



GNS-FL003

Product Characters :-

Body	: High quality aluminum body with brackets
Lens	: Anti-Oxidation & Anti-UV Polycarbonate with 90% Transparency
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

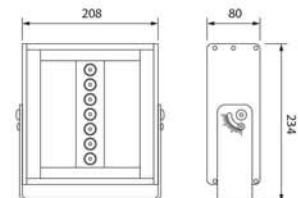
Specifications :-

Item No.	GNS-FL001	GNS-FL002	GNS-FL003
Power	21W	42W	63W
LED Qty.	7pcs	14pcs	21pcs
Weight (kg)	2.10	2.55	5.10
Lumens	2700K	970lm	1940lm
	4000K	1700lm	3400lm
	5300K	1800lm	3600lm
Voltage	AC220V/DC24V		
Beam Angle	25° to 120°		
Color Rendering (CRI)	≥80		
Optional Output Color	Red, Green, Blue, White, Amber or Custom		
Certification	CE/CQC/RoHS/UL		
IP Rating	IP65		
LED Chip	CREE LED (U.S)		
LED Lifespan	≥50,000 hours		
Operating Temperature	-40°C to 40°C		
Storage Temperature	-40°C to 85°C		
Working Humidity	20% to 90%		
Storage Humidity	15% to 90%		
Power Factor	0.95		

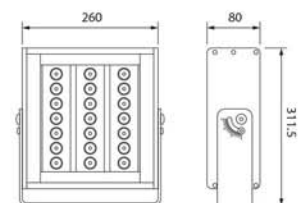
Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Dimensions (mm) :-



GNS-FL001



GNS-FL002/FL003





Floodlight Series

Architectural Lighting

CE RoHS UL ANSI CareQuality Commission IP 65



GNS-FL004



GNS-FL005

Product Characters :-

Body	: High quality aluminum body with brackets
Lens	: Anti-Oxidation & Anti-UV Polycarbonate with 90% Transparency
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

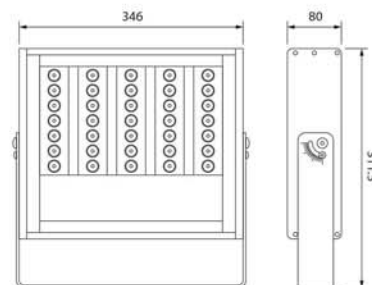
Specifications :-

Item No.	GNS-FL004	GNS-FL005
Power	85W	105W
LED Qty.	28pcs	35pcs
Weight (kg)	5.55	6.00
Lumens	2700K	3880lm
	4000K	6460lm
	5300K	6840lm
Voltage	AC220V/DC24V	
Beam Angle	25° to 120°	
Color Rendering (CRI)	≥80	
Optional Output Color	Red, Green, Blue, White, Amber or Custom	
Certification	CE/CQC/RoHS/UL	
IP Rating	IP65	
LED Chip	CREE LED (U.S)	
LED Lifespan	≥50,000 hours	
Operating Temperature	-40°C to 40°C	
Storage Temperature	-40°C to 85°C	
Working Humidity	20% to 90%	
Storage Humidity	15% to 90%	
Power Factor	0.95	

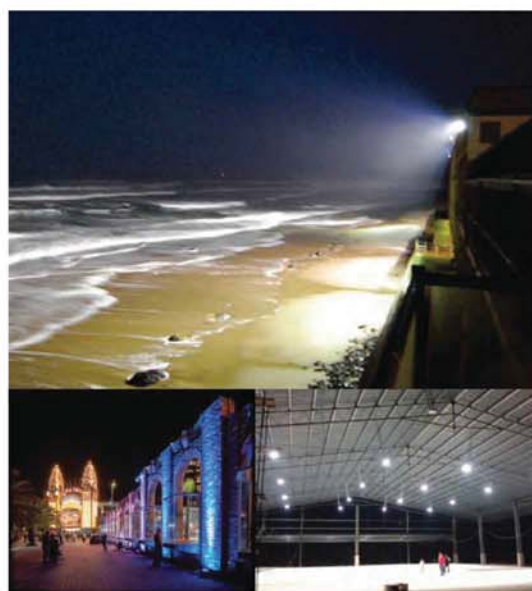
Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Dimensions (mm) :-



GNS-FL004/FL005



Architectural Lighting

CE RoHS UL ANSI CareQuality Commission IP 65

Floodlight Series



GNS-FL006



GNS-FL007

Product Characters :-

Body	: High quality aluminum body with brackets
Lens	: Anti-Oxidation & Anti-UV Polycarbonate with 90% Transparency
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

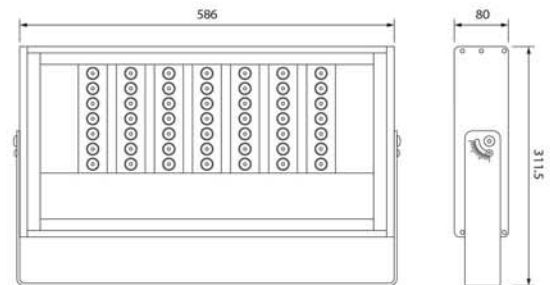
Specifications :-

Item No.		GNS-FL006	GNS-FL007
Power		126W	147W
LED Qty.		42pcs	49pcs
Weight (kg)		7.00	7.50
Lumens	2700K	8850lm	9800lm
	4000K	9940lm	11498lm
	5300K	10974lm	12250lm
Voltage		AC220V/DC24V	
Beam Angle		25° to 120°	
Color Rendering (CRI)		≥80	
Optional Output Color		Red, Green, Blue, White, Amber or Custom	
Certification		CE/CQC/RoHS/UL	
IP Rating		IP65	
LED Chip		CREE LED (U.S)	
LED Lifespan		≥50,000 hours	
Operating Temperature		-40°C to 40°C	
Storage Temperature		-40°C to 85°C	
Working Humidity		20% to 90%	
Storage Humidity		15% to 90%	
Power Factor		0.95	

Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Dimensions (mm) :-



GNS-FL006/FL007





Floodlight Series

Architectural Lighting

CE RoHS UL ANSI CareQuality Commission IP 65



GNS-FL008



GNS-FL009

Product Characters :-

Body	: High quality aluminum body with brackets
Lens	: Anti-Oxidation & Anti-UV Polycarbonate with 90% Transparency
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

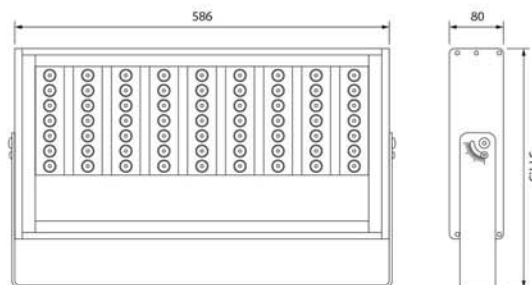
Specifications :-

Item No.		GNS-FL008	GNS-FL009
Power		168W	189W
LED Qty.		56pcs	63pcs
Weight (kg)		8.00	8.50
Lumens	2700K	11200lm	13735lm
	4000K	13140lm	15375lm
	5300K	14000lm	18040lm
Voltage		AC220V/DC24V	
Beam Angle		25° to 120°	
Color Rendering (CRI)		≥80	
Optional Output Color		Red, Green, Blue, White, Amber or Custom	
Certification		CE/CQC/RoHS/UL	
IP Rating		IP65	
LED Chip		CREE LED (U.S)	
LED Lifespan		≥50,000 hours	
Operating Temperature		-40°C to 40°C	
Storage Temperature		-40°C to 85°C	
Working Humidity		20% to 90%	
Storage Humidity		15% to 90%	
Power Factor		0.95	

Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Dimensions (mm) :-



GNS-FL008/FL009



Architectural Lighting

CE RoHS VV ANSI CareQuality Commission IP 65

Floodlight Series



GNS-FL010

Product Characters :-

Body	: High quality aluminum body with brackets
Lens	: Anti-Oxidation & Anti-UV Polycarbonate with 90% Transparency
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

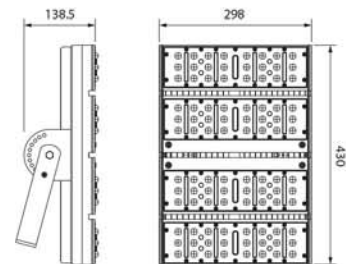
Specifications :-

Item No.	GNS-FL010
Power	120W
LED Qty.	96pcs
Lumens	13200lm
Voltage	AC90-305V, 50/60Hz
Color Temperature	3000, 4000, 5000K
IP Rating	IP65
LED Chip	Samsung 131A
Beam Angle	60°, 150°
Power Factor	>0.96
Light Efficiency	>89%
Coloring Index (CRI)	>70
Operating Temperature	-40°C ~ 50°C
Storage Temperature	-40°C ~ 85°C
Operating Humidity	10% ~ 90%
Storage Humidity	10% ~ 90%
Lifespan	≥50,000 Hrs

Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Dimensions (mm) :-



GNS-FL010





Architectural Lighting

CE RoHS W ANSI CareQuality Commission IP65



GNS-FL011



GNS-FL012

Product Characters :-

Body	: High quality aluminum body with brackets
Lens	: Anti-Oxidation & Anti-UV Polycarbonate with 90% Transparency
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Circuit Protection	: Power Supply with Over Voltage Protection, Short Circuit Protection, and Over Current Protection. Light Source with Over Temperature Protection

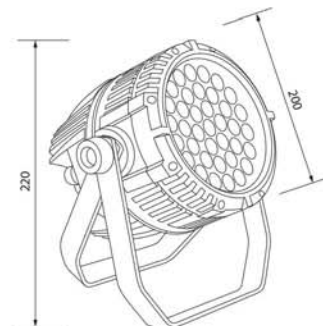
Specifications :-

Item No.	GNS-FL011	GNS-FL012
Power	36W	48W
LED Qty.	36pcs	36pcs
LED Wattage	1W	1-3W
Voltage	AC220V, DC24V	
Color	RGB	
IP Rating	IP65	
Beam Angle	120°	
Power Factor	>0.95	
Light Efficiency	>89%	
Coloring Index (CRI)	>80	
Operating Temperature	-20°C ~ 45°C	
Storage Temperature	-20°C ~ 45°C	
Operating Humidity	10% ~ 90%	
Storage Humidity	10% ~ 90%	
Lifespan	≥30,000 Hrs	

Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Dimensions (mm) :-



GNS-FL011/GNS-FL012



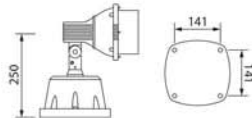
Architectural Lighting

CE RoHS IP 65



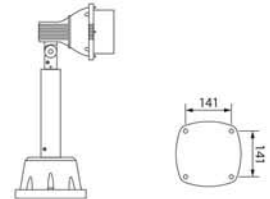
Spot Light Series

Dimension (mm) :-



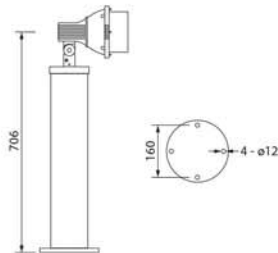
GNS-SG001

Dimension (mm) :-



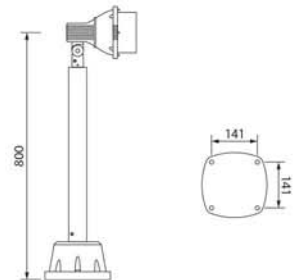
GNS-SG002

Dimension (mm) :-



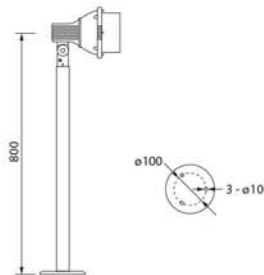
GNS-SG003

Dimension (mm) :-



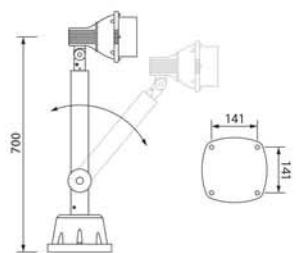
GNS-SG004

Dimension (mm) :-



GNS-SG005

Dimension (mm) :-



GNS-SG006

Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I								
Standard	: IEC60598/GB7000								
Protection	: IP65								
Lamping	: HQI-T (35-70W) : LED (9W)								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request.	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							



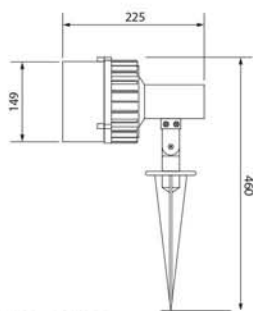
Architectural Lighting

CE RoHS IP 65

Spike Light Series



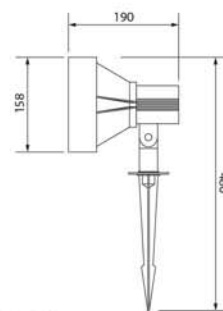
Dimension (mm) :-



GNS-SL001



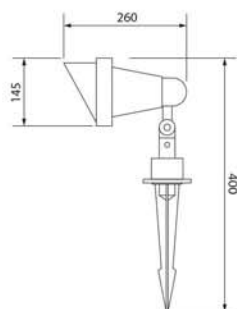
Dimension (mm) :-



GNS-SL002



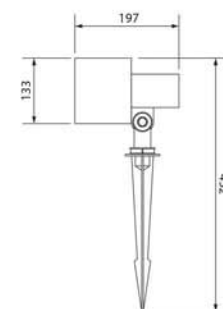
Dimension (mm) :-



GNS-SL003



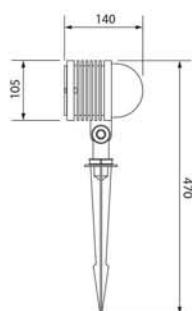
Dimension (mm) :-



GNS-SL004



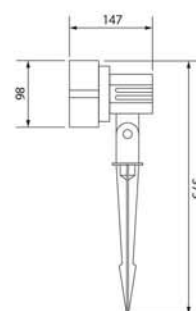
Dimension (mm) :-



GNS-SL005



Dimension (mm) :-



GNS-SL006



Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: PAR30 (50-75W) : PAR38 (80-120W) : MR16 (50W) : LED (5-20W)

Finishing Color	: WHITE, RAL 9010	: GREY, RAL 9006	: BLACK, RAL 9005	: GREEN, RAL 6010
	: BLUE, RAL 5017	: MAROON, RAL 3005	: GOLD, RAL 1003	
	: Other RAL colors are available upon request.			



Buried Light Series



GNS - BR001 p.26



GNS - BR002 p.26



GNS - BR003 p.27



GNS - BR004 p.27



GNS - BR005 p.27



GNS - BR006 p.28



GNS - BR007 p.28



GNS - BR008 p.28

Underwater Light Series



GNS - UW001 p.29



GNS - UW002 p.29



GNS - UW003 p.29



GNS - UW004 p.29



GNS - UW005 p.30



GNS - UW006 p.30



GNS - UW007 p.30



GNS - UW008 p.30



GNS - UW009 p.31



GNS - UW010 p.31



GNS - UW011 p.31



GNS - UW012 p.32



GNS - UW013 p.32





Landscape Lighting

Buried Light Series

CE RoHS IP67 IK10



GNS-BR001



GNS-BR002

Accessories :-



Type A : 2 Ways



Type B : 3 Ways



Type C : 4 Ways



Type D : 12 Ways

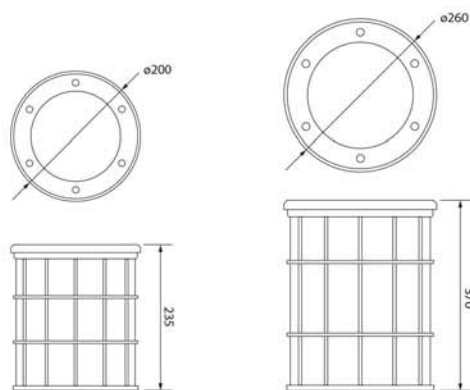
Product Characters :-

Body	: High quality die-cast aluminum with stainless steel front ring, polypropylene tube for recess
Diffuser	: Tempered glass with 8-10mm thickness
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection

Applications :-

Pedestrian, villas, parks, garden, squares and etc.

Dimensions (mm) :-



GNS-BR001

GNS-BR002

Specifications :-

Item No.	GNS-BR001	GNS-BR002
Power	15W/18W/60W/70W/120W	18W/70W/150W
Voltage	AC220V/50Hz	
Lamp Type	Metal-Halide/PLC	
Insulation Class	Class I	
Color Temperature	3000-6500K	
Walkover Uplight	2000kg 30km/h	
Impact Energy	IK10	
IP Rating	IP67	
Operating Temperature	-20°C to 50°C	
Storage Temperature	-20°C to 50°C	
Working Humidity	10% to 95%	
Storage Humidity	10% to 95%	
Power Factor	0.9	



Landscape Lighting

CE RoHS IP65 IK10

Buried Light Series



GNS-BR003



GNS-BR004



GNS-BR005

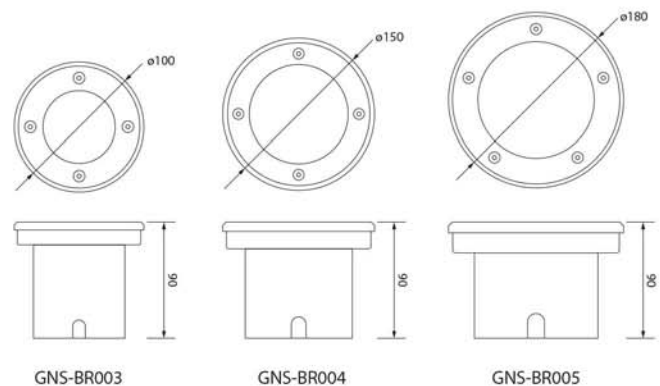
Product Characters :-

Body	: High quality die-cast aluminum with stainless steel front ring, polypropylene tube for recess
Diffuser	: Tempered glass
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection

Applications :-

Pedestrian, villas, parks, garden, squares and etc.

Dimensions (mm) :-



Specifications :-

Item No.	GNS-BR003	GNS-BR004	GNS-BR005
Power	3W	6W	9W
Voltage	AC220V/DC24V		
Lamp Type	High Power LED		
Lens Angle	10°, 30°, 45°		
Driver	Built-in/External		
Color	R, G, B, Y, W		
Walkover Uplight	2000kg 30km/h		
Impact Energy	IK10		
IP Rating	IP65		
Operating Temperature	-20°C to 50°C		
Storage Temperature	-20°C to 50°C		
Working Humidity	10% to 95%		
Storage Humidity	10% to 95%		
Power Factor	0.9		





Landscape Lighting

Buried Light Series

CE RoHS

IP65

5000h



GNS-BR006



GNS-BR007



GNS-BR008

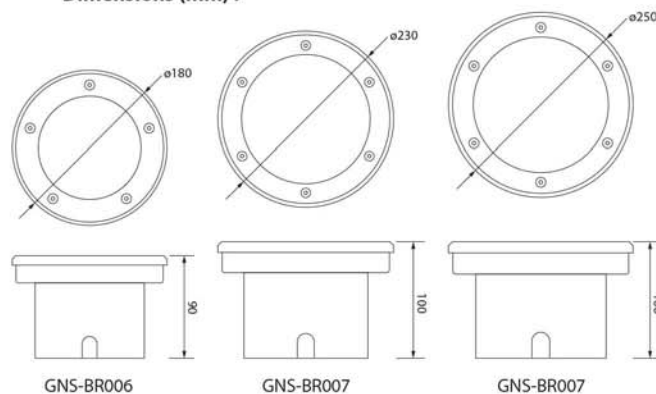
Product Characters :-

Body	: High quality die-cast aluminum with stainless steel front ring, polypropylene tube for recess
Diffuser	: Tempered glass
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection

Applications :-

Pedestrian, villas, parks, garden, squares and etc.

Dimensions (mm) :-



Specifications :-

Item No.	GNS-BR006	GNS-BR007	GNS-BR008
Power	12W	18W	24W
Voltage	AC220V/DC24V		
Lamp Type	High Power LED		
Lens Angle	10°, 30°, 45°		
Driver	Built-in/External		
Color	R, G, B, Y, W		
Walkover Uplight	2000kg 30km/h		
Impact Energy	IK10		
IP Rating	IP65		
Operating Temperature	-20°C to 50°C		
Storage Temperature	-20°C to 50°C		
Working Humidity	10% to 95%		
Storage Humidity	10% to 95%		
Power Factor	0.9		





Landscape Lighting

CE RoHS IP65

Underwater Light Series



GNS-UW001



GNS-UW002



GNS-UW003

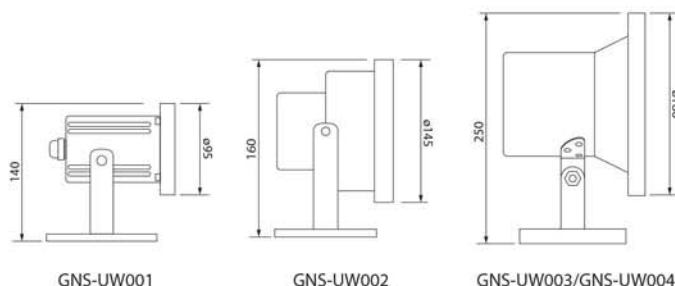


GNS-UW004

Product Characters :-

Body	: High quality stainless-steel body with adjustable brackets
Diffuser	: Tempered glass
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection

Dimensions (mm) :-



Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Specifications :-

Item No.	GNS-UW001	GNS-UW002	GNS-UW003	GNS-UW004
Power	3-15W	50W	6W	9W
Lamp Type	MR16	PAR36	LED	LED
Voltage	AC12V			
Beam Angle	120°			
Insulation Class	Class III			
Color	RGB, White			
IP Rating	IP68			
Operating Temperature	-20°C to 60°C			
Storage Temperature	-20°C to 60°C			
Working Humidity	10% to 95%			
Storage Humidity	10% to 95%			
Power Factor	0.9			





Underwater Light Series

Landscape Lighting

CE RoHS IP65



GNS-UW005



GNS-UW006



GNS-UW007



GNS-UW008

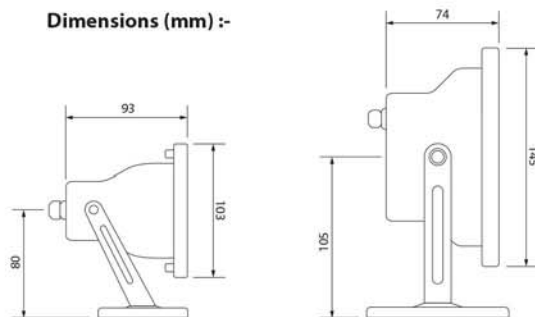
Product Characters :-

Body	: High quality stainless-steel body with adjustable brackets
Diffuser	: Tempered glass
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection

Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Dimensions (mm) :-



GNS-UW005

GNS-UW006/GNS-UW007/GNS-UW008

Specifications :-

Item No.	GNS-UW005	GNS-UW006	GNS-UW007	GNS-UW008
Power	3W	6W	9W	12W
Lamp Type	High Power LED			
Voltage	DC24V			
Beam Angle	15°, 30°, 45°, 60°			
Insulation Class	Class III			
Color	RGB/White, Warm White, Yellow (Single Color)			
IP Rating	IP65			
Operating Temperature	-20°C to 60°C			
Storage Temperature	-20°C to 60°C			
Working Humidity	10% to 95%			
Storage Humidity	10% to 95%			
Power Factor	0.9			





Landscape Lighting

CE RoHS IP65

Underwater Light Series



GNS-UW009



GNS-UW010



GNS-UW011

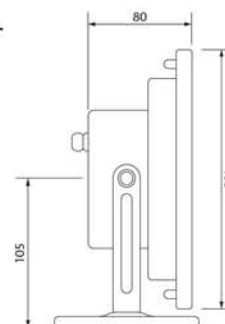
Product Characters :-

Body	: High quality stainless-steel body with adjustable brackets
Diffuser	: Tempered glass
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection

Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Dimensions (mm) :-



GNS-UW009/GNS-UW010/GNS-UW011

Specifications :-

Item No.	GNS-UW009	GNS-UW010	GNS-UW011
Power	15W	18W	24W
Lamp Type	High Power LED		
Voltage	DC24V		
Beam Angle	15°, 30°, 45°, 60°		
Insulation Class	Class III		
Color	RGB/White, Warm White, Yellow (Single Color)		
IP Rating	IP65		
Operating Temperature	-20°C to 60°C		
Storage Temperature	-20°C to 60°C		
Working Humidity	10% to 95%		
Storage Humidity	10% to 95%		
Power Factor	0.9		





Underwater Light Series

Landscape Lighting

CE RoHS IP65



GNS-UW012



GNS-UW013

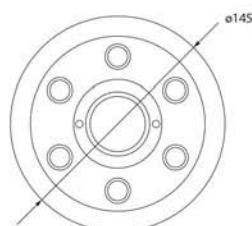
Product Characters :-

Body	: High quality stainless-steel body with adjustable brackets
Diffuser	: Tempered glass
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection

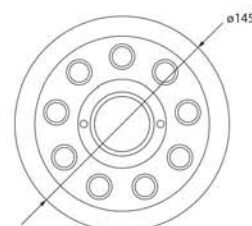
Applications :-

Facade, villas, parks, garden, squares, bridge etc.

Dimensions (mm) :-



GNS-UW012



GNS-UW013

Specifications :-

Item No.	GNS-UW012	GNS-UW013
Power	6W	9W
Lamp Type	High Power LED	
Voltage	DC24V	
Beam Angle	15°, 30°, 45°, 60°	
Insulation Class	Class III	
Color	RGB/White, Warm White, Yellow (Single Color)	
IP Rating	IP65	
Operating Temperature	-20°C to 60°C	
Storage Temperature	-20°C to 60°C	
Working Humidity	10% to 95%	
Storage Humidity	10% to 95%	
Power Factor	0.9	





Antique Wall Light Series



GNS - WL001 p.34



GNS - WL002 p.34



GNS - WL003 p.34



GNS - WL004 p.34



GNS - WL005 p.34



GNS - WL006 p.34

Urban Wall Light Series



GNS - WL007 p.35



GNS - WL008 p.35



GNS - WL009 p.35



GNS - WL010 p.35



GNS - WL011 p.35



GNS - WL012 p.35



GNS - WL013 p.36



GNS - WL014 p.36



GNS - WL015 p.36



GNS - WL016 p.36



GNS - WL017 p.36



GNS - WL018 p.36

Wall Lighting





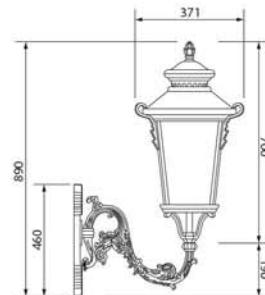
Antique Wall Light Series

Wall Lighting

CE RoHS IP 65



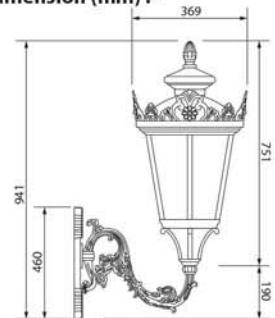
Dimension (mm) :-



GNS-WL001



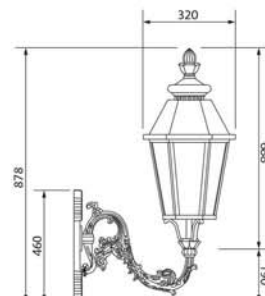
Dimension (mm) :-



GNS-WL002



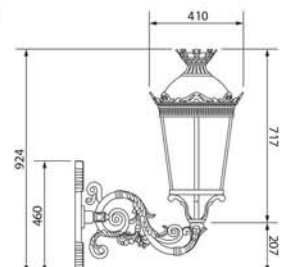
Dimension (mm) :-



GNS-WL003



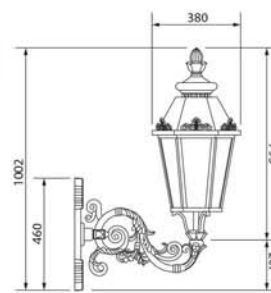
Dimension (mm) :-



GNS-WL004



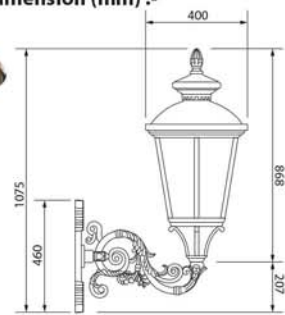
Dimension (mm) :-



GNS-WL005



Dimension (mm) :-



GNS-WL006

Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Building wall, bridge, arch, hotel and etc

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: PAR30 (50-75W) : PAR38 (80-120W) : PLC/PLCE (13-26W) : LED (5-20W)

Finishing Color	: WHITE, RAL 9010	: GREY, RAL 9006	: BLACK, RAL 9005	: GREEN, RAL 6010
	: BLUE, RAL 5017	: MAROON, RAL 3005	: GOLD, RAL 1003	
	: Other RAL colors are available upon request.			

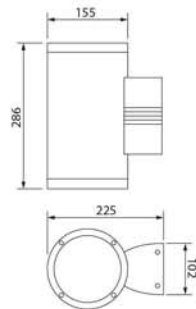
Wall Lighting

CE RoHS IP 65

Urban Wall Light Series



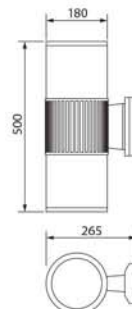
Dimension (mm) :-



GNS-WL007



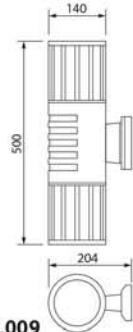
Dimension (mm) :-



GNS-WL008



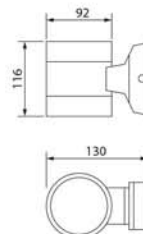
Dimension (mm) :-



GNS-WL009



Dimension (mm) :-

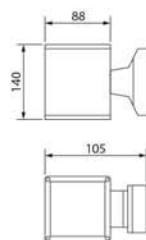


GNS-WL010

LED



Dimension (mm) :-

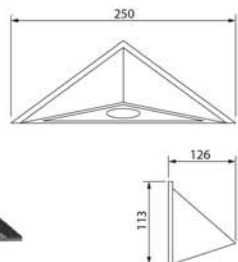


GNS-WL011

LED



Dimension (mm) :-



GNS-WL012

LED

Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Building wall, bridge, arch, hotel and etc

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: MH (35-70W) : PAR30 (75W) : PLC/PLCE (18W) : LED (1-3W)

Finishing Color	: WHITE, RAL 9010	: GREY, RAL 9006	: BLACK, RAL 9005	: GREEN, RAL 6010
	: BLUE, RAL 5017	: MAROON, RAL 3005	: GOLD, RAL 1003	
	: Other RAL colors are available upon request.			



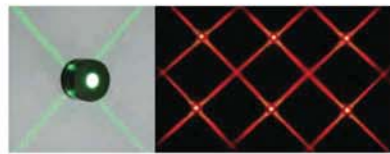
Urban Wall Light Series

Wall Lighting

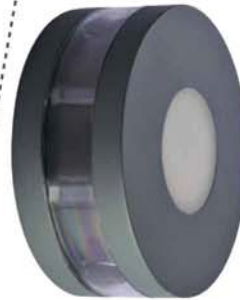
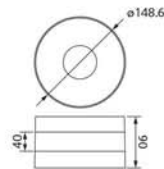
CE RoHS IP 65



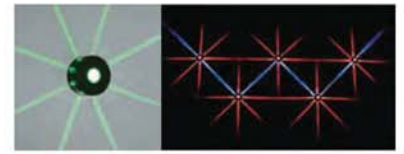
GNS-WL013



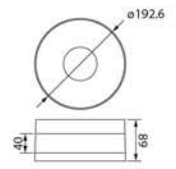
Dimension (mm) :-



GNS-WL014



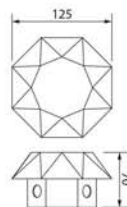
Dimension (mm) :-



GNS-WL015



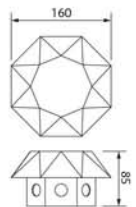
Dimension (mm) :-



GNS-WL016



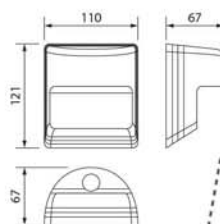
Dimension (mm) :-



GNS-WL017



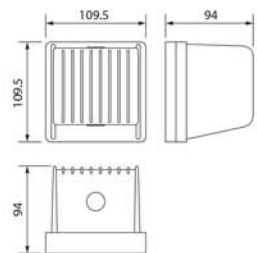
Dimension (mm) :-



GNS-WL018



Dimension (mm) :-



Product Characteristic :-

Body	: High quality die-cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Clear PMMA
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Building wall, bridge, arch, hotel and etc

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: RGB LED (1-25W)

Finishing Color	: WHITE, RAL 9010	: GREY, RAL 9006	: BLACK, RAL 9005	: GREEN, RAL 6010
	: BLUE, RAL 5017	: MAROON, RAL 3005	: GOLD, RAL 1003	
	: Other RAL colors are available upon request.			



LED Downlight

							
GNS - DL001 p.38	GNS - DL002 p.38	GNS - DL003 p.38	GNS - DL004 p.38	GNS - DL005 p.39	GNS - DL006 p.39	GNS - DL007 p.39	GNS - DL008 p.39
							
GNS - DL009 p.40	GNS - DL010 p.40	GNS - DL011 p.40	GNS - DL012 p.41	GNS - DL013 p.41	GNS - DL014 p.41	GNS - DL015 p.41	GNS - DL016 p.42
							
GNS - DL017 p.42	GNS - DL018 p.42	GNS - DL019 p.42	GNS - DL020 p.43	GNS - DL021 p.43	GNS - DL022 p.43	GNS - DL023 p.43	GNS - DL024 p.44
							
GNS - DL025 p.44	GNS - DL026 p.45	GNS - DL027 p.45	GNS - DL028 p.45	GNS - DL029 p.45	GNS - DL030 p.46	GNS - DL031 p.46	





Commercial Lighting

CE RoHS W ANSI CareQuality Commission IP 44



GNS-DL001

ø125mm

GNS-DL002

ø150mm

GNS-DL003

ø180mm

GNS-DL004

ø200mm

□ White ■ Gray ■ Black

Key Features :-

- Die-cast aluminum body
- Recessed mounted LED downlight
- High efficiency facets aluminium reflectors
- Medium / Wide Beam Angle
- Fresnel lens
- Die-cast aluminum mounting ring, with system to fix it to the ceiling using adjustable steel springs
- Aluminum heat sink with passive cooling
- Luminaires are equipped with electronic driver or dimmable electronic driver upon request

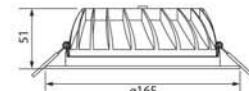
Applications :-

- Offices, shopping malls, hospitals and commercials areas

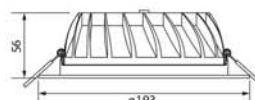
Dimensions (mm) :-



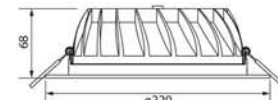
GNS-DL001



GNS-DL002



GNS-DL003



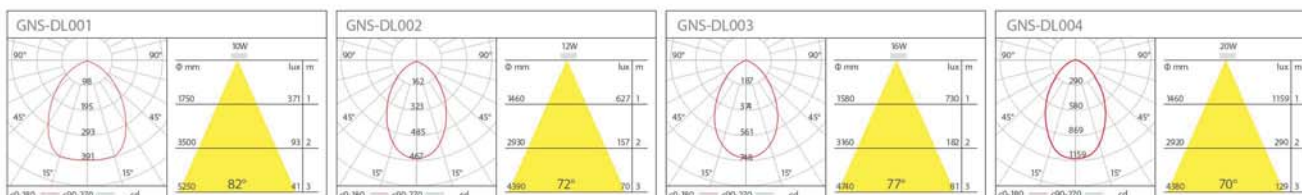
GNS-DL004

Specifications :-

Item No.	GNS DL001			GNS DL002			GNS DL003			GNS DL004		
Voltage	AC100-240V			AC100-240V			AC100-240V			AC100-240V		
Power	10W			12W			16W			20W		
Lumen	710lm	730lm	760lm	960lm	980lm	1020lm	1220lm	1240lm	1280lm	1810lm	1840lm	1890lm
Color Temp	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
CRI	80			80			80			80		
Beam Angle	82°/136°			72°/129°			77°/131°			70°/125°		
Power Factor	>0.95			>0.95			>0.95			>0.95		
Working Temp	-30°C ~ 40°C			-30°C ~ 40°C			-30°C ~ 40°C			-30°C ~ 40°C		



Photometric Data :-



Commercial Lighting



CE RoHS VV ANSI CareQuality Commission IP44

LED Downlight



GNS-DL005
ø125mm



GNS-DL006
ø150mm



GNS-DL007
ø180mm



GNS-DL008
ø205mm

□ White ■ Gray ■ Black

Key Features :-

- Die-cast aluminum body
- Recessed mounted LED downlight
- High efficiency facets aluminium reflectors
- Narrow / Medium Beam Angle
- Fresnel lens
- Die-cast aluminum mounting ring, with system to fix it to the ceiling using adjustable steel springs
- Aluminum heat sink with passive cooling
- Luminaires are equipped with electronic driver or dimmable electronic driver upon request

Applications :-

- Offices, shopping malls, hospitals and commercial areas

Dimensions (mm) :-

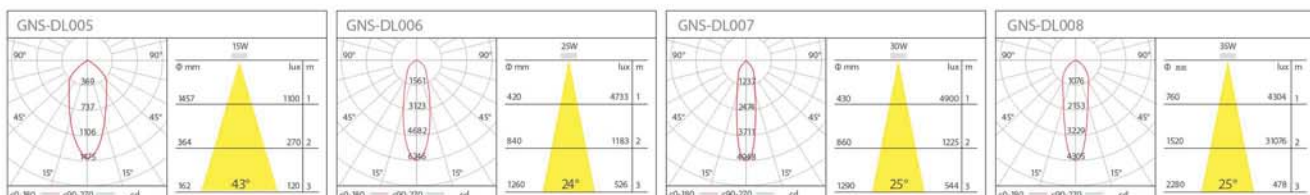


Specifications :-

Item No.	GNS DL005			GNS DL006			GNS DL007			GNS DL008		
Voltage	AC100-240V			AC100-240V			AC100-240V			AC100-240V		
Power	15W			25W			30W			35W		
Lumen	1060lm	1090lm	1220lm	1710lm	1830lm	1840lm	2140lm	2220lm	2280lm	2850lm	2910lm	2970lm
Color Temp	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
CRI	80			80			80			80		
Beam Angle	43°/89°			24°/77°			24°/85°			25°/85°		
Power Factor	>0.95			>0.95			>0.95			>0.95		
Working Temp	-30°C ~ 40°C			-30°C ~ 40°C			-30°C ~ 40°C			-30°C ~ 40°C		



Photometric Data :-





Commercial Lighting

CE RoHS W ANSI CareQuality Commission IP44



GNS-DL009

ø175mm



GNS-DL010

ø200mm



GNS-DL011

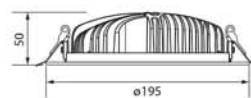
ø215mm

□ White ■ Gray ■ Black

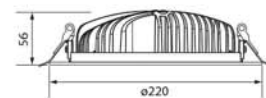
Key Features :-

- Die-cast aluminum body
- Recessed mounted LED downlight
- High efficiency facets aluminium reflectors
- Medium / Wide Beam Angle
- Fresnel lens
- Die-cast aluminum mounting ring, with system to fix it to the ceiling using adjustable steel springs
- Aluminum heat sink with passive cooling
- Luminaires are equipped with electronic driver or dimmable electronic driver upon request

Dimensions (mm) :-



GNS-DL009



GNS-DL010



GNS-DL011

Applications :-

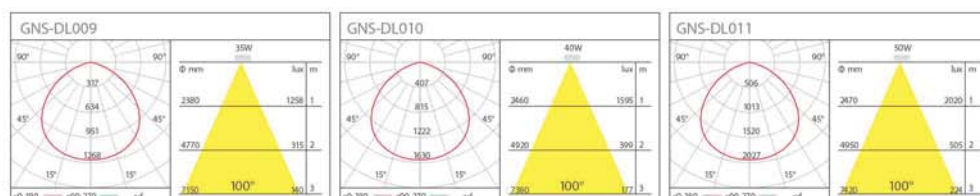
- Offices, shopping malls, hospitals and commercial areas

Specifications :-

Item No.	GNS DL009			GNS DL010			GNS DL011		
Voltage	AC100-240V			AC100-240V			AC100-240V		
Power	35W			40W			50W		
Lumen	3100lm	3180lm	3290lm	4030lm	4110lm	423lm	5100lm	5200lm	5360lm
Color Temp	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
CRI	80			80			80		
Beam Angle	100°/155°			100°/155°			100°/155°		
Power Factor	>0.95			>0.95			>0.95		
Working Temp	-30°C ~ 40°C			-30°C ~ 40°C			-30°C ~ 40°C		



Photometric Data :-



Commercial Lighting



CE RoHS UL ANSI CareQuality Commission IP44

LED Downlight



GNS-DL012
ø55mm



GNS-DL013
ø70mm



GNS-DL014
ø90mm



GNS-DL015
ø90mm

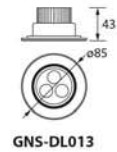
Key Features :-

- Die-cast aluminum body
- Recessed mounted LED downlight
- High efficiency facets aluminium reflectors
- Narrow / Medium / Wide Beam Angle
- Fresnel lens
- Die-cast aluminum mounting ring, with system to fix it to the ceiling using adjustable steel springs
- Aluminum heat sink with passive cooling
- Luminaires are equipped with electronic driver or dimmable electronic driver upon request

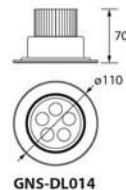
Dimensions (mm) :-



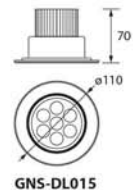
GNS-DL011



GNS-DL013



GNS-DL014



GNS-DL015

Applications :-

- Offices, shopping malls, hospitals and commercial areas

Specifications :-

Item No.	GNS DL012	GNS DL013	GNS DL014	GNS DL015
Voltage	AC100-240V			
Power	1W	3W	5W	7W
Lumen	90lm	270lm	450lm	630lm
Beam Angle	15°,30°,45°,60°			
CRI	>80			
Color Temp	2700K-6500K			





LED Downlight

Commercial Lighting

CE RoHS W ANSI CareQuality Commission IP44



GNS-DL016

ø120mm



GNS-DL017

ø120mm



GNS-DL018

ø140mm



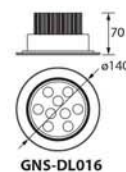
GNS-DL019

ø140mm

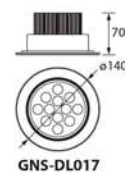
Key Features :-

- Die-cast aluminum body
- Recessed mounted LED downlight
- High efficiency facets aluminium reflectors
- Narrow / Medium / Wide Beam Angle
- Fresnel lens
- Die-cast aluminum mounting ring, with system to fix it to the ceiling using adjustable steel springs
- Aluminum heat sink with passive cooling
- Luminaires are equipped with electronic driver or dimmable electronic driver upon request

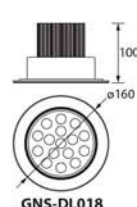
Dimensions (mm) :-



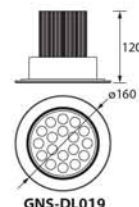
GNS-DL016



GNS-DL017



GNS-DL018



GNS-DL019

Applications :-

- Offices, shopping malls, hospitals and commercials areas

Specifications :-

Item No.	GNS DL016	GNS DL017	GNS DL018	GNS DL019
Voltage	AC100-240V			
Power	9W	12W	15W	18W
Lumen	810lm	1080lm	1350lm	1620lm
Beam Angle	15°,30°,45°,60°			
CRI	>80			
Color Temp	2700K-6500K			



Commercial Lighting



CE RoHS VV ANSI CareQuality Commission IP44

LED Downlight



GNS-DL020

ø95mm



GNS-DL021

ø95mm



GNS-DL022

ø130mm 9W ø170mm 12/15/18W ø210mm 24W



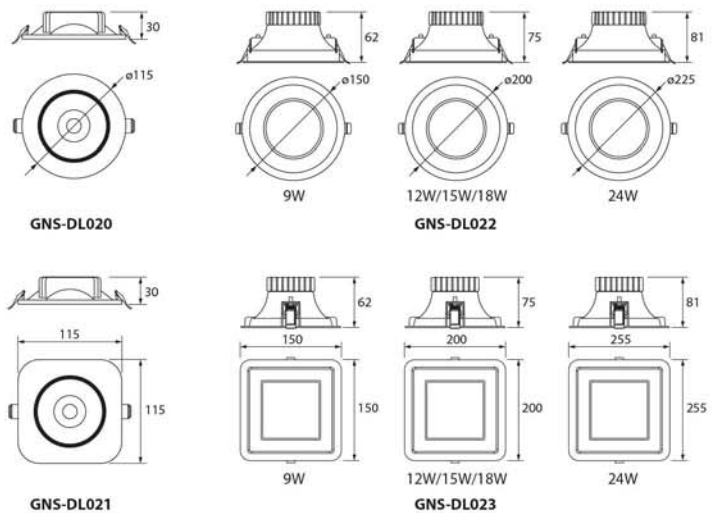
GNS-DL023

130mm x 130mm 9W 170mm x 170mm 12/15/18W 210mm x 210mm 24W

Key Features :-

- Die-cast aluminum body
- Recessed mounted LED downlight
- High efficiency facets aluminium reflectors
- Narrow / Wide Beam Angle
- Fresnel lens
- Die-cast aluminum mounting ring, with system to fix it to the ceiling using adjustable steel springs
- Aluminum heat sink with passive cooling
- Luminaires are equipped with electronic driver or dimmable electronic driver upon request

Dimensions (mm) :-



Applications :-

- Offices, shopping malls, hospitals and commercials areas

Specifications :-

Item No.	GNS DL020	GNS DL021	GNS DL022					GNS DL023				
Voltage	AC100-240V		AC100-240V					AC100-240V				
Power	12W		9W	12W	15W	18W	24W	9W	12W	15W	18W	24W
Lumen	1140lm		810lm	1080lm	1350lm	1620lm	2280lm	810lm	1080lm	1350lm	1620lm	2280lm
Beam Angle	38°		120°					120°				
CRI	>80		>80					>80				
Color Temp	3000K-6500K		3000K-6500K					3000K-6500K				





Commercial Lighting

CE RoHS W ANSI CareQuality Commission IP44



GNS DL024

ø205mm



GNS DL025

ø250mm

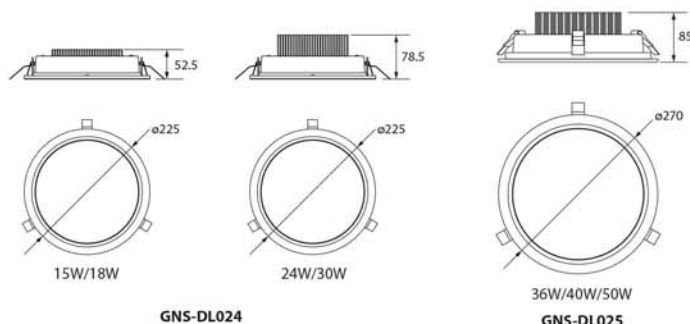
Key Features :-

- Die-cast aluminum body
- Recessed mounted LED downlight
- High efficiency facets aluminium reflectors
- Wide Beam Angle
- Fresnel lens
- Die-cast aluminum mounting ring, with system to fix it to the ceiling using adjustable steel springs
- Aluminum heat sink with passive cooling
- Luminaires are equipped with electronic driver or dimmable electronic driver upon request

Applications :-

- Offices, shopping malls, hospitals and commercials areas

Dimensions (mm) :-



Specifications :-

Item No.	GNS DL024				GNS DL025		
Voltage	AC100-240V				AC100-240V		
Power	15W	18W	24W	30W	36W	40W	50W
Lumen	1275lm	1530lm	2040lm	2550lm	3300-3600lm	3500-3800lm	4300-4700lm
Beam Angle	120°				120°		
CRI	>80				>80		
Color Temp	2700K-6500K				2700K-6500K		
Power Factor	0.95				0.95		

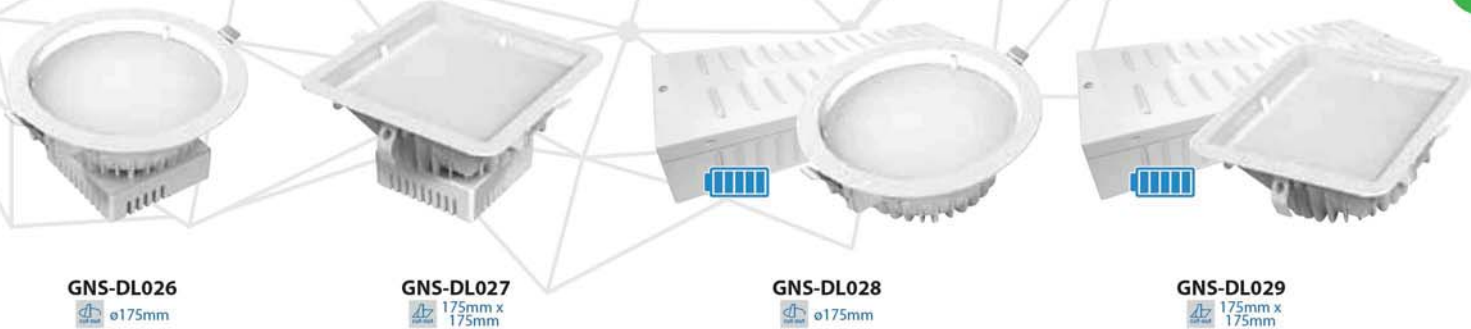


Commercial Lighting



CE RoHS ANSI CareQuality Commission IP44

LED Downlight



Key Features :-

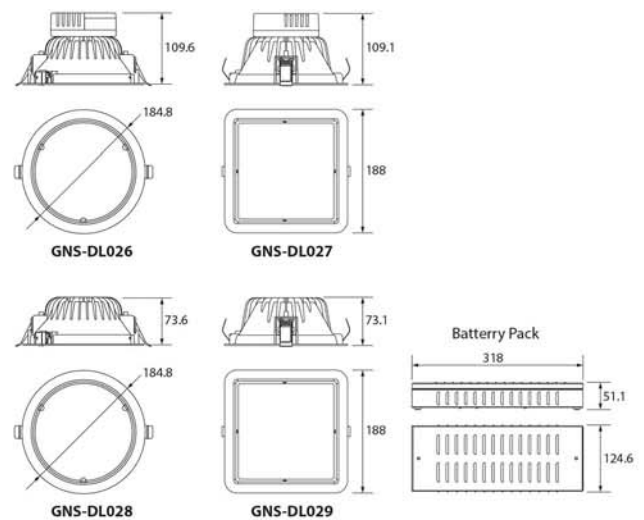
- Die-cast aluminum body
- Recessed mounted LED downlight
- High efficiency facets aluminium reflectors
- Wide Beam Angle
- Fresnel lens
- Die-cast aluminum mounting ring, with system to fix it to the ceiling using adjustable steel springs
- Aluminum heat sink with passive cooling
- Luminaires are equipped with electronic driver or dimmable electronic driver upon request
- Emergency lighting deployment with additional battery backup power, ensuring at least 3hours of lighting during power failure (for GNS DL028/DL029 only)

Applications :-

- Offices, shopping malls, hospitals and commercials areas

Specifications :-

Dimensions (mm) :-



Item No.	GNS DL026			GNS DL027			GNS DL028		GNS DL029	
Voltage	AC100-240V			AC100-240V			AC100-240V		AC100-240V	
Power	16W	24W	30W	16W	24W	30W	16W	24W	16W	24W
Lumen	900-1200lm	1350-1800lm	2000-2200lm	900-1200lm	1350-1800lm	2000-2200lm	900-1200lm	1350-1800lm	900-1200lm	1350-1800lm
Beam Angle	120°			120°			120°		120°	
CRI	>80			>80			>80		>80	
Color Temp	2700K-6500K			2700K-6500K			2700K-6500K		2700K-6500K	
Power Factor	0.95			0.95			0.95		0.95	





Commercial Lighting



GNS DL030

ø185mm



GNS DL025

ø230mm

Product Descriptions :-

Die-cast aluminium recessed fixture of a size to give optimal passive heat dissipation of the LED. Includes high-power aluminium optic with facets, newly designed to obtain a uniform distribution for maximum comfort.

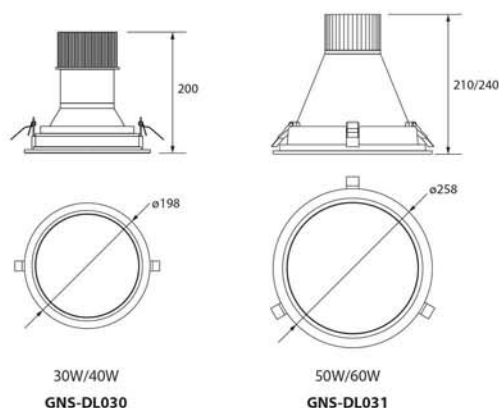
Features :-

- Recessed Luminaires LED Downlight
- Wide Beam Angle
- Die-cast aluminum mounting ring, with system to fix it to the false ceiling using steel springs
- Die-cast aluminum heat sink with passive cooling

Applications :-

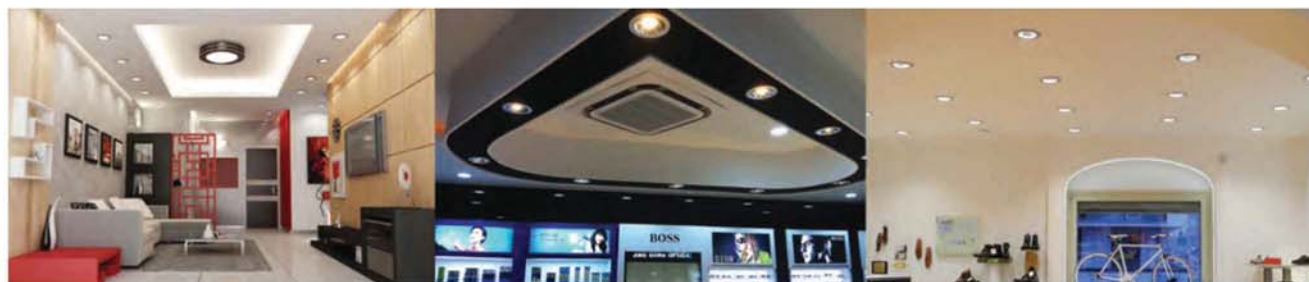
- Offices, shopping malls, hospitals and commercial areas

Dimensions (mm) :-



Specifications :-

Item No.	GNS DL030		GNS DL031	
Voltage	AC110-220V		AC110-220V	
Power	30W	40W	50W	60W
Lumen	2700lm	3600lm	4500lm	5400lm
Beam Angle	38°		38°	
CRI	>80		>80	
Color Temp	3000K-6500K		3000K-6500K	
Power Factor	>0.9		>0.9	





Post Top Series

							
GNS - PT001 p.48	GNS - PT002 p.48	GNS - PT003 p.48	GNS - PT004 p.48	GNS - PT005 p.48	GNS - PT006 p.48	GNS - PT007 p.49	GNS - PT008 p.49
							
GNS - PT009 p.49	GNS - PT010 p.49	GNS - PT011 p.49	GNS - PT012 p.49	GNS - PT013 p.50	GNS - PT014 p.50	GNS - PT015 p.50	GNS - PT016 p.50
							
GNS - PT017 p.50	GNS - PT018 p.50	GNS - PT019 p.51	GNS - PT020 p.51	GNS - PT021 p.51	GNS - PT022 p.51	GNS - PT023 p.51	GNS - PT024 p.51
							
GNS - PT025 p.52	GNS - PT026 p.52	GNS - PT027 p.52	GNS - PT028 p.52	GNS - PT029 p.52	GNS - PT030 p.52	GNS - PT031 p.53	GNS - PT032 p.53
							
GNS - PT033 p.53	GNS - PT034 p.53	GNS - PT035 p.53	GNS - PT036 p.53	GNS - PT037 p.54	GNS - PT038 p.54	GNS - PT039 p.54	GNS - PT040 p.54
							
GNS - PT041 p.54	GNS - PT042 p.54						

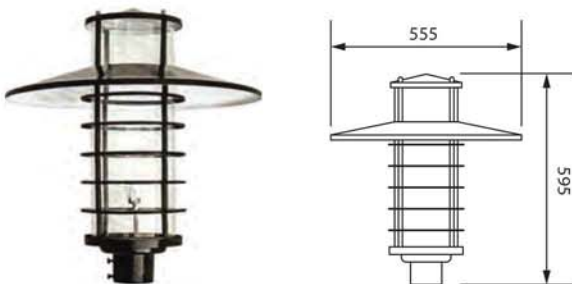




Compound Lighting

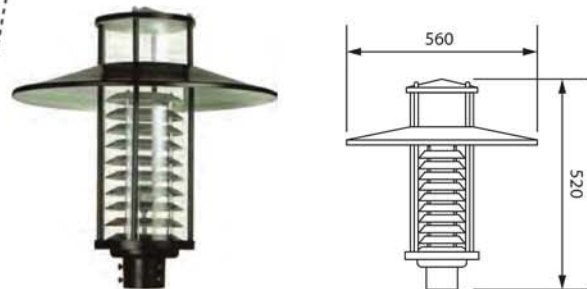
CE RoHS IP65

Dimension (mm) :-



GNS-PT001

Dimension (mm) :-



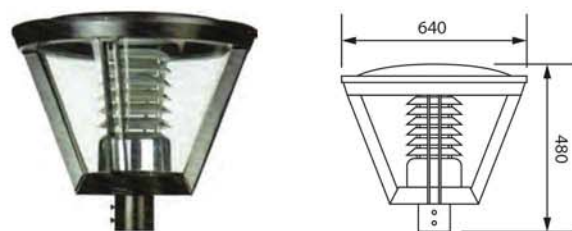
GNS-PT002

Dimension (mm) :-



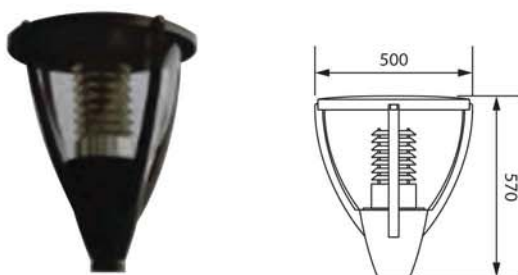
GNS-PT003

Dimension (mm) :-



GNS-PT004

Dimension (mm) :-



GNS-PT005

Dimension (mm) :-



GNS-PT006

Product Characteristic :-

Body	: High quality aluminum top alloy, die-cast aluminum base, Hot Dipped Galvanized with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I								
Standard	: IEC60598/GB7000								
Protection	: IP65								
Lamping	: LED - Module Modification (20-80W) : HPSV/MH (70-150W) : HQL lamp (50-120W)								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request.	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							

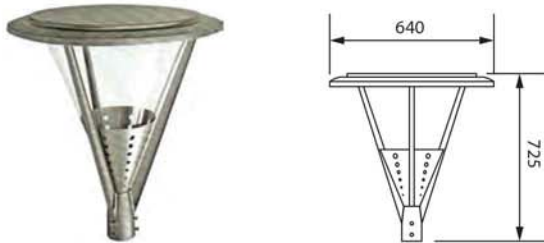
Compound Lighting

CE RoHS IP 65

Post Top Series

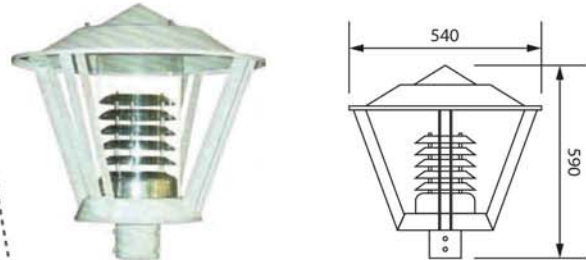


Dimension (mm) :-



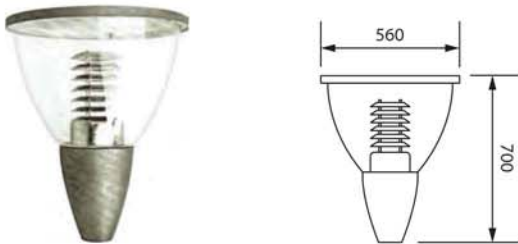
GNS-PT007

Dimension (mm) :-



GNS-PT008

Dimension (mm) :-



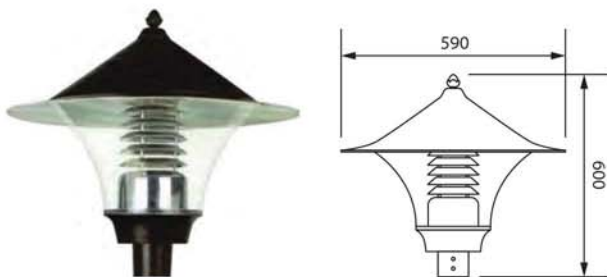
GNS-PT009

Dimension (mm) :-



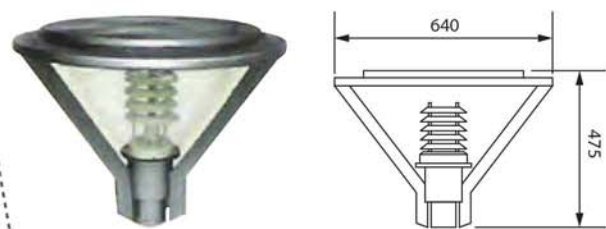
GNS-PT010

Dimension (mm) :-



GNS-PT011

Dimension (mm) :-



GNS-PT012

Product Characteristic :-

Body	: High quality aluminum top alloy, die-cast aluminum base, Hot Dipped Galvanized with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I								
Standard	: IEC60598/GB7000								
Protection	: IP65								
Lamping	: LED - Module Modification (20-80W) : HPSV/MH (70-150W) : HQL lamp (50-120W)								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request.	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							

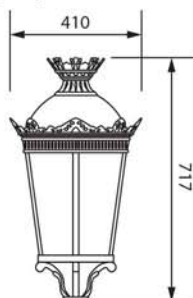


Compound Lighting

CE RoHS IP65



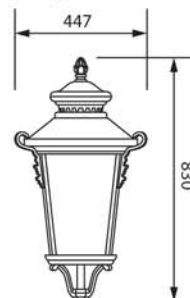
Dimension (mm) :-



GNS-PT013



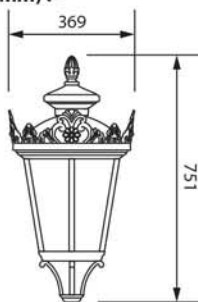
Dimension (mm) :-



GNS-PT014



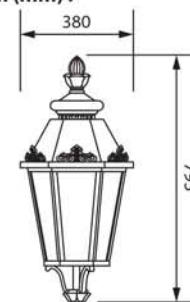
Dimension (mm) :-



GNS-PT015



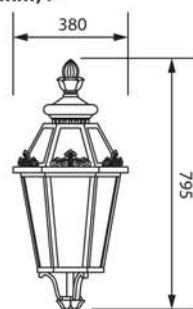
Dimension (mm) :-



GNS-PT016



Dimension (mm) :-



GNS-PT017



Dimension (mm) :-



GNS-PT018

Product Characteristic :-

Body	: High quality aluminum top alloy, die-cast aluminum base, Hot Dipped Galvanized with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I								
Standard	: IEC60598/GB7000								
Protection	: IP65								
Lamping	: LED - Module Modification (20-80W) : HPSV/MH (70-150W) : HQL lamp (50-120W)								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request.	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							

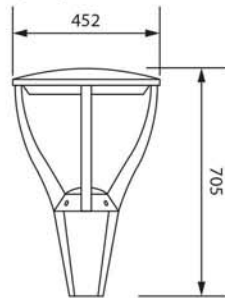
Compound Lighting

CE RoHS IP 65

Post Top Series



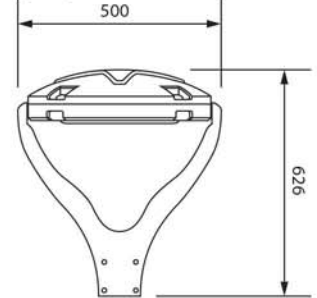
Dimension (mm) :-



GNS-PT019



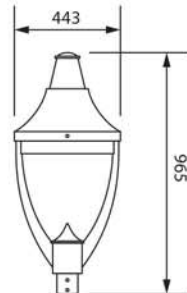
Dimension (mm) :-



GNS-PT020



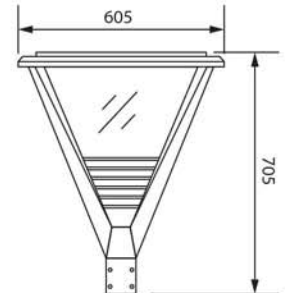
Dimension (mm) :-



GNS-PT021



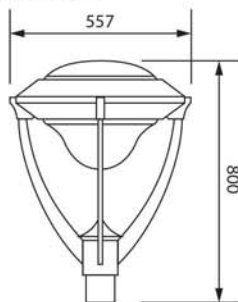
Dimension (mm) :-



GNS-PT022



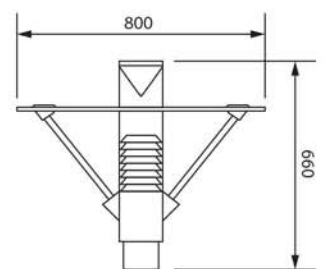
Dimension (mm) :-



GNS-PT023



Dimension (mm) :-



GNS-PT024

Product Characteristic :-

Body	: High quality aluminum top alloy, die-cast aluminum base, Hot Dipped Galvanized with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I								
Standard	: IEC60598/GB7000								
Protection	: IP65								
Lamping	: LED - Module Modification (20-80W) : HPSV/MH (70-150W) : HQL lamp (50-120W)								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request.	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							

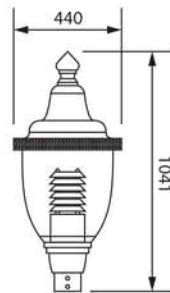


Compound Lighting

CE RoHS IP65



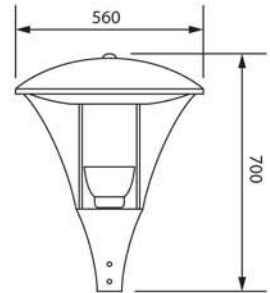
Dimension (mm) :-



GNS-PT025



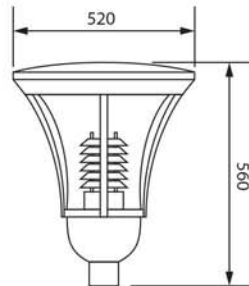
Dimension (mm) :-



GNS-PT026



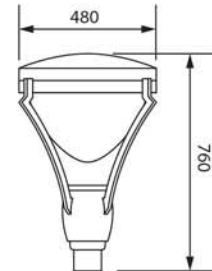
Dimension (mm) :-



GNS-PT027



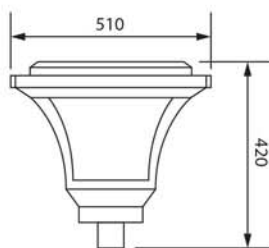
Dimension (mm) :-



GNS-PT028



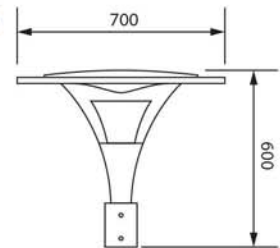
Dimension (mm) :-



GNS-PT029



Dimension (mm) :-



GNS-PT030

Product Characteristic :-

Body	: High quality aluminum top alloy, die-cast aluminum base, Hot Dipped Galvanized with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I								
Standard	: IEC60598/GB7000								
Protection	: IP65								
Lamping	: LED - Module Modification (20-80W) : HPSV/MH (70-150W) : HQL lamp (50-120W)								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request.	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							

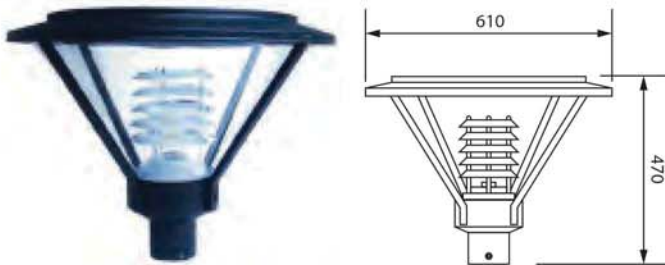
Compound Lighting

CE RoHS IP 65



Post Top Series

Dimension (mm) :-



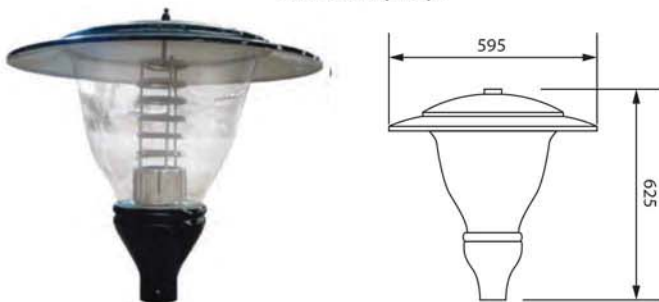
GNS-PT031

Dimension (mm) :-



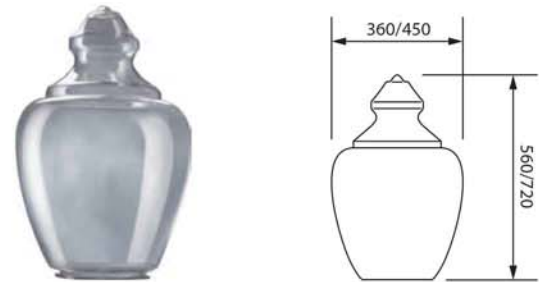
GNS-PT032

Dimension (mm) :-



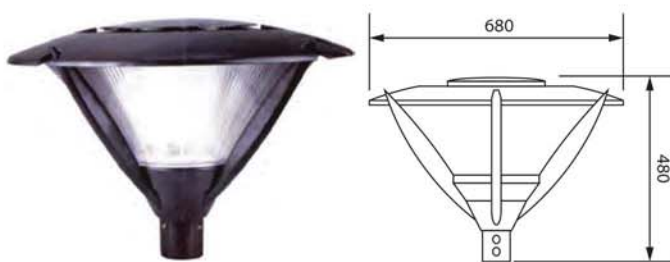
GNS-PT033

Dimension (mm) :-



GNS-PT034

Dimension (mm) :-



GNS-PT035

Dimension (mm) :-



GNS-PT036

Product Characteristic :-

Body	: High quality aluminum top alloy, die-cast aluminum base, Hot Dipped Galvanized with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I								
Standard	: IEC60598/GB7000								
Protection	: IP65								
Lamping	: LED - Module Modification (20-80W) : HPSV/MH (70-150W) : HQL lamp (50-120W)								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request.	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							

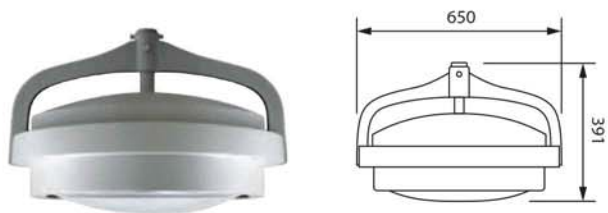


Post Top Series

Compound Lighting

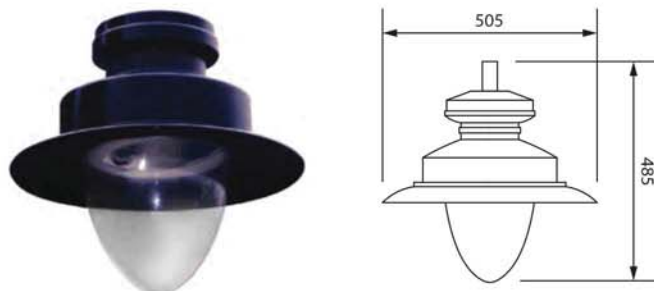
CE RoHS

Dimension (mm) :-



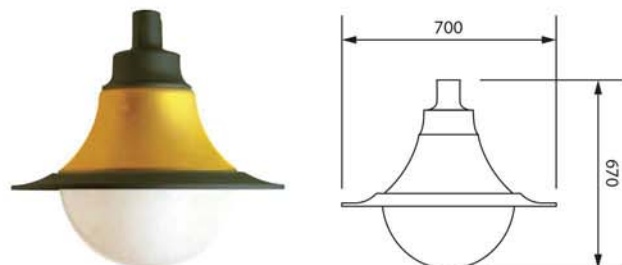
GNS-PT037

Dimension (mm) :-



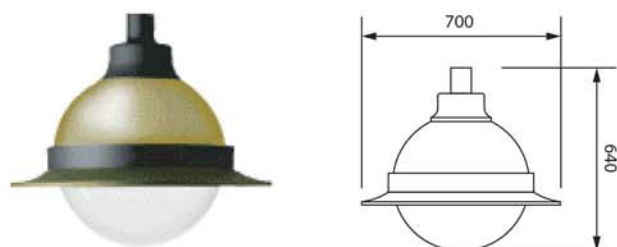
GNS-PT038

Dimension (mm) :-



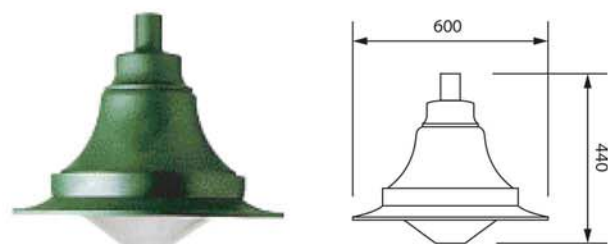
GNS-PT039

Dimension (mm) :-



GNS-PT040

Dimension (mm) :-



GNS-PT041

Dimension (mm) :-



GNS-PT042

Product Characteristic :-

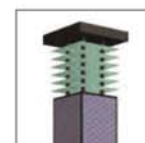
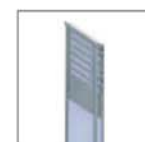
Body	: High quality aluminum top alloy, die-cast aluminum base, Hot Dipped Galvanized with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I								
Standard	: IEC60598/GB7000								
Protection	: IP65								
Lamping	: LED - Module Modification (20-80W) : HPSV/MH (70-150W) : HQL lamp (50-120W)								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request.	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							



Pole

							
GNS - PL001 p.58	GNS - PL002 p.58	GNS - PL003 p.58	GNS - PL004 p.58	GNS - PL005 p.58	GNS - PL006 p.58	GNS - PL007 p.59	GNS - PL008 p.59
							
GNS - PL009 p.59	GNS - PL010 p.59	GNS - PL011 p.59	GNS - PL012 p.59	GNS - PL013 p.60	GNS - PL014 p.60	GNS - PL015 p.60	GNS - PL016 p.60
							
GNS - PL017 p.60	GNS - PL018 p.60	GNS - CM001 p.61	GNS - CM002 p.61	GNS - CM003 p.61	GNS - CM004 p.61	GNS - CM005 p.61	GNS - CM006 p.61
							
GNS - CM007 p.61	GNS - CM008 p.62	GNS - CM009 p.62	GNS - CM010 p.62	GNS - CM011 p.62	GNS - CM012 p.62	GNS - CM013 p.62	GNS - CM014 p.62
							
GNS - CM015 p.63	GNS - CM016 p.63	GNS - CM017 p.63	GNS - CM018 p.63	GNS - CM019 p.63	GNS - CM020 p.63	GNS - CM021 p.63	GNS - SP001 p.64
							
GNS - SP002 p.64	GNS - SP003 p.64	GNS - SP004 p.64	GNS - SP005 p.64	GNS - SP006 p.64	GNS - SP007 p.64	GNS - SP008 p.64	Standard Pole Dimension p.65

Decorative Pole



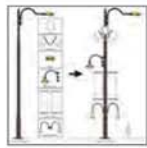
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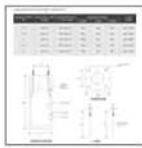
Pole



Pole Base p.66



Pole Accessories p.67



Flange Type Details p.68



Flower Motive Arm p.69



Islamic Motive Arm p.70



Intricate Motive Arm p.71



Modest Motive Arm p.72



Functional Pole & Mast p.73



GNS - CP001 p.74



GNS - CP002 p.74



GNS - CP003 p.74



GNS - CP004 p.74



GNS - CP005 p.74



GNS - CP006 p.74



GNS - PC001 p.75



GNS - PC002 p.75



GNS - PC003 p.75



GNS - PC004 p.75



GNS - PC005 p.75



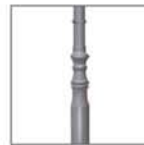
GNS - PC006 p.75



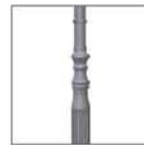
GNS - PC007 p.75



GNS - PC008 p.75



GNS - PC009 p.75



GNS - PC010 p.75



GNS - PC011 p.75



GNS - PC012 p.75



GNS - PC013 p.76



GNS - PC014 p.76



GNS - PC015 p.76



GNS - PC016 p.76



GNS - PC017 p.76



GNS - PC018 p.76



GNS - PC019 p.76



GNS - PC020 p.76



GNS - PC021 p.76



GNS - PC022 p.76



GNS - PC023 p.76



GNS - PC024 p.76



GNS - IN001 p.77



GNS - IN002 p.77



GNS - IN003 p.77



GNS - IN004 p.77



GNS - IN005 p.77



GNS - IN006 p.77



GNS - IN007 p.77



GNS - IN008 p.77



GNS - IN009 p.78



GNS - IN010 p.78

Decorative Pole





Pole



GNS-IN011 p.78



GNS-IN012 p.78



GNS-IN013 p.78



GNS-IN014 p.78



GNS-IN015 p.78



GNS-IN016 p.78

Decorative Pole



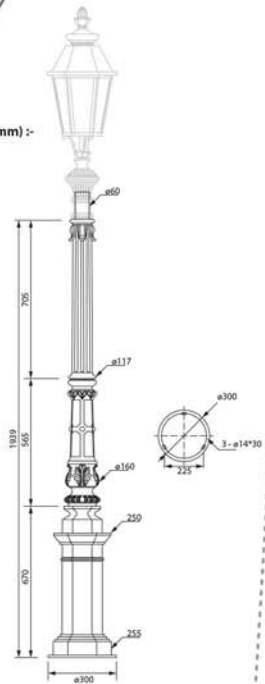


Decorative Pole

Decorative Antique Pole



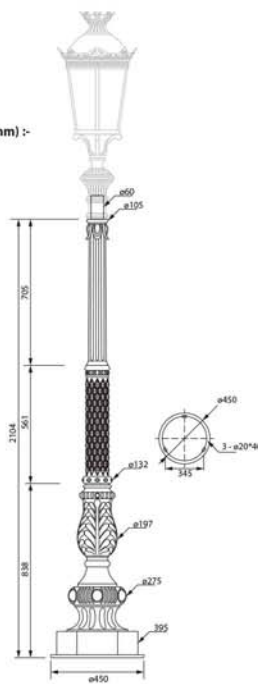
Dimensions (mm) :-



GNS-PL001



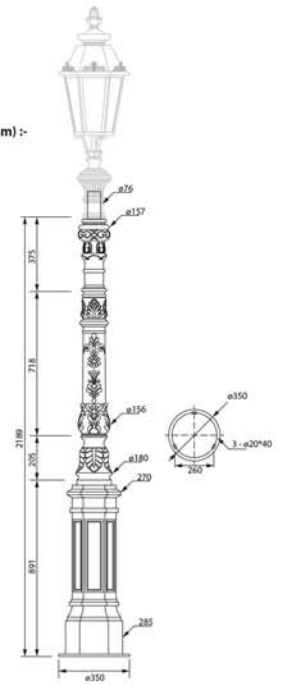
Dimensions (mm) :-



GNS-PL002



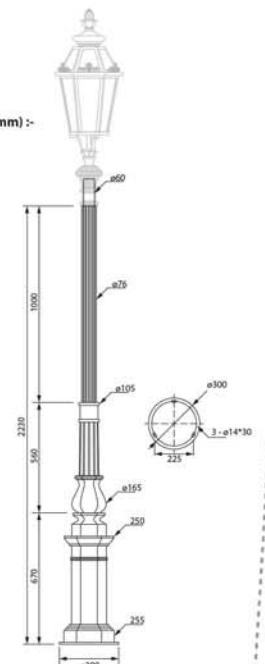
Dimensions (mm) :-



GNS-PL003



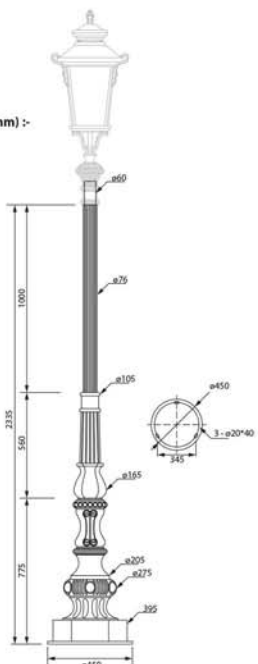
Dimensions (mm) :-



GNS-PL004



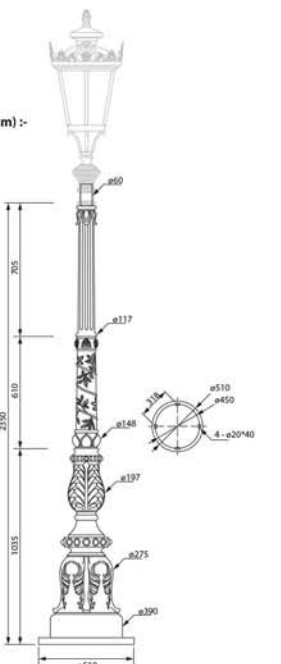
Dimensions (mm) :-



GNS-PL005



Dimensions (mm) :-



GNS-PL006

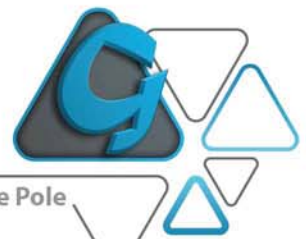
Product Characteristic :-

Material	: High quality die cast aluminum alloy , welds conforming to BS5135, treats with galvanizing anti corrosion protection, finished with oven baked UV High Polyester Powder Coat.
Base	: Flange type with bolts and nuts
Service Door	: Flange with single/double hinged
Application	: Urban streets, parks, squares, garden, villas and etc.

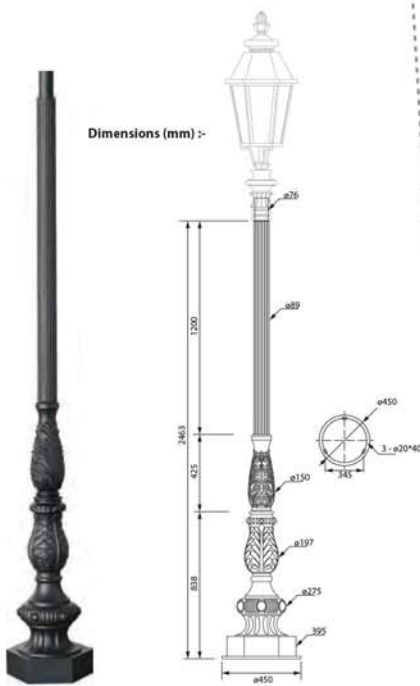
Technical Data :-

Standard	: Welding - BS5135 : Galvanizing - BS729 : Powder Coating - BS6497 : Wind Speed - 35m/s (126KM/Hour)
Finishing Color	: WHITE, RAL 9010 GREY, RAL 9006 BLACK, RAL 9005 GREEN, RAL 6010 : BLUE, RAL 5017 MAROON, RAL 3005 GOLD, RAL 1003 : Other RAL colors are available upon request

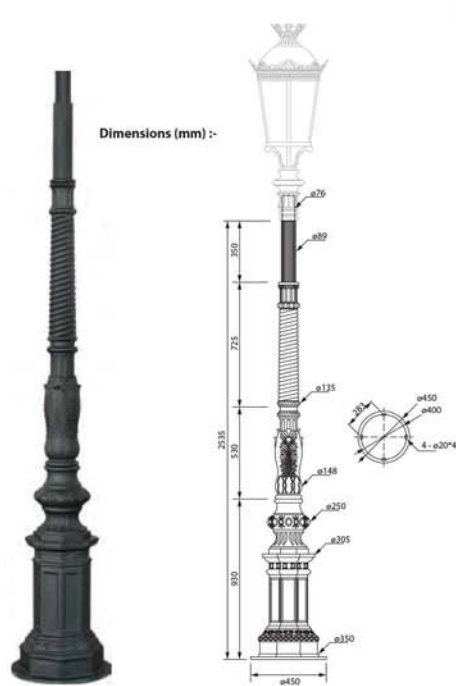
Decorative Pole



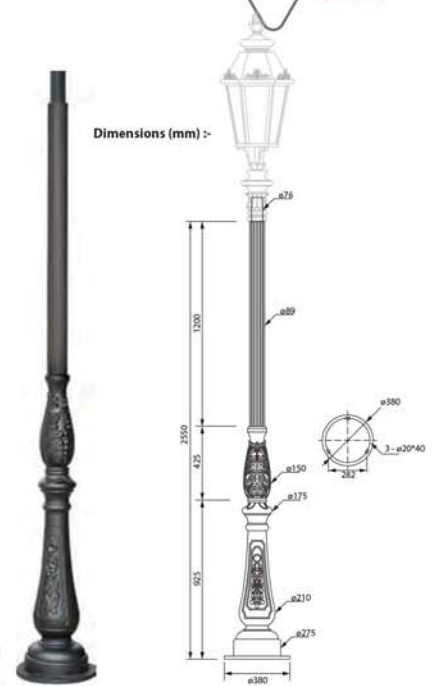
Decorative Antique Pole



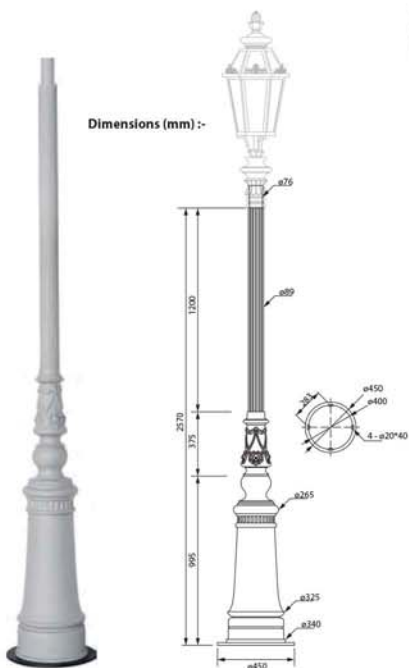
GNS-PL007



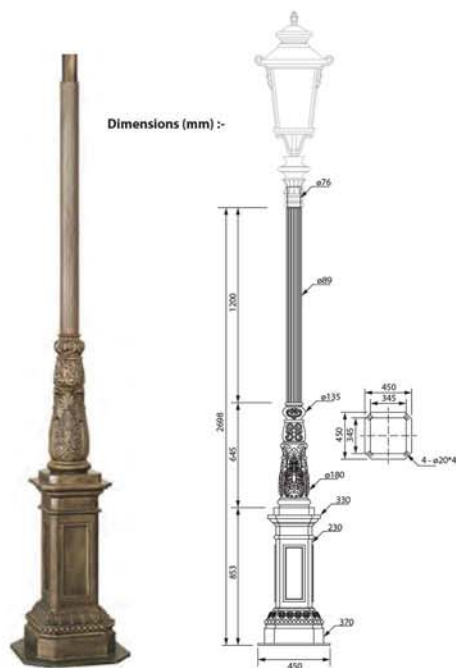
GNS-PL008



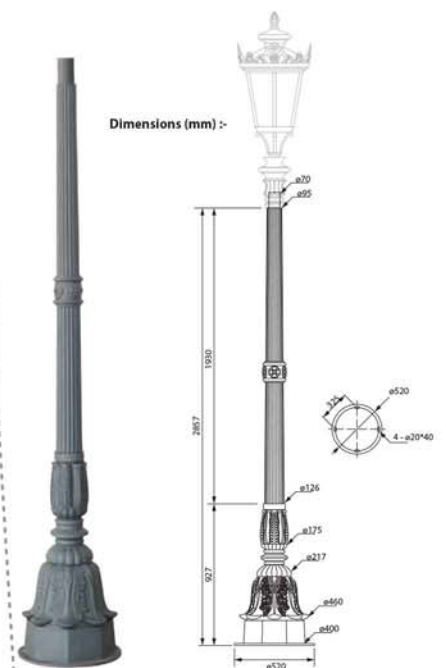
GNS-PL009



GNS-PL010



GNS-PL011



GNS-PL012

Product Characteristic :-

Material	: High quality die cast aluminum alloy, welds conforming to BS5135, treats with galvanizing anti corrosion protection, finished with oven baked UV High Polyester Powder Coat.
Base	: Flange type with bolts and nuts
Service Door	: Flange with single/double hinged
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Standard	: Welding - BS5135 : Galvanizing - BS729 : Powder Coating - BS6497 : Wind Speed - 35m/s (126KM/Hour)								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							

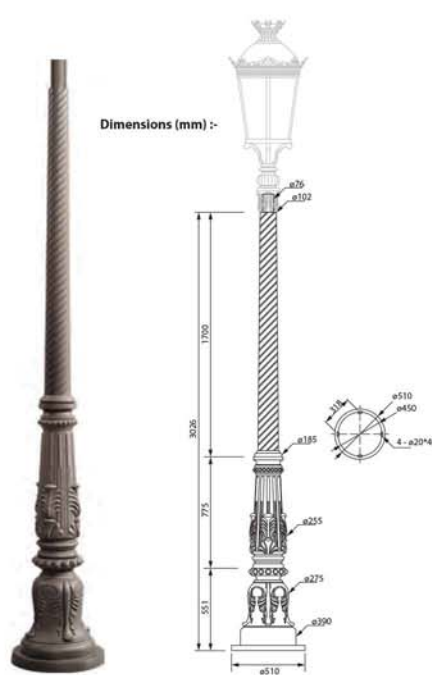


Decorative Pole

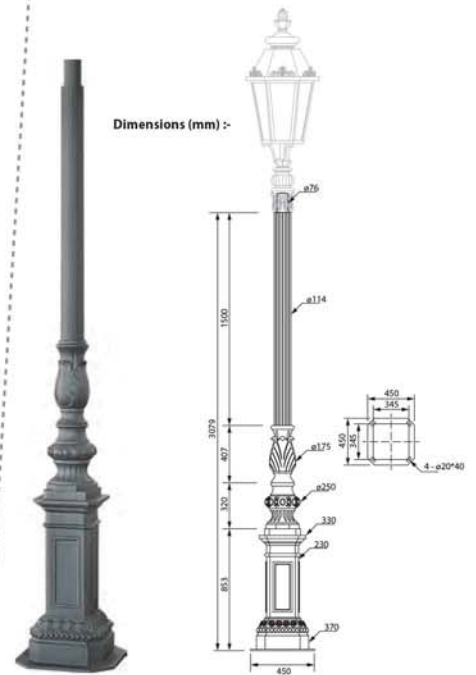
Decorative Antique Pole



GNS-PL013



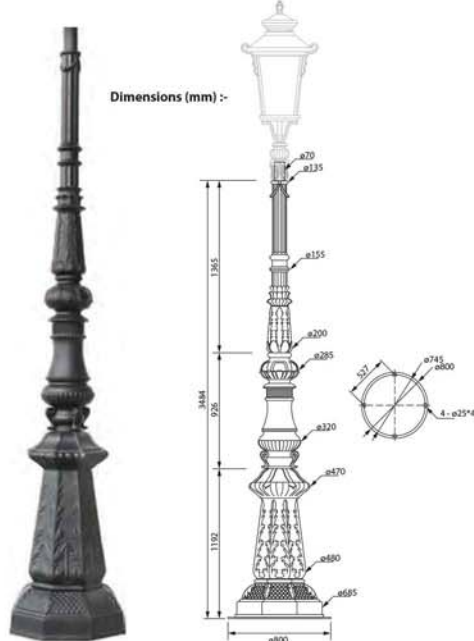
GNS-PL014



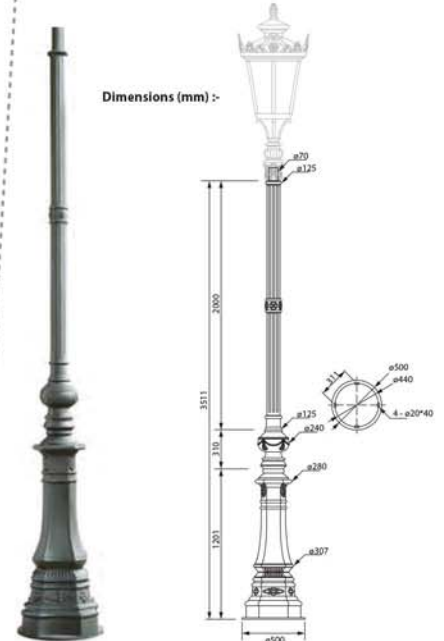
GNS-PL015



GNS-PL016



GNS-PL017



GNS-PL018

Product Characteristic :-

Material	: High quality die cast aluminum alloy , welds conforming to BS5135, treats with galvanizing anti corrosion protection, finished with oven baked UV High Polyester Powder Coat.
Base	: Flange type with bolts and nuts
Service Door	: Flange with single/double hinged
Application	: Urban streets, parks, squares, garden, villas and etc.

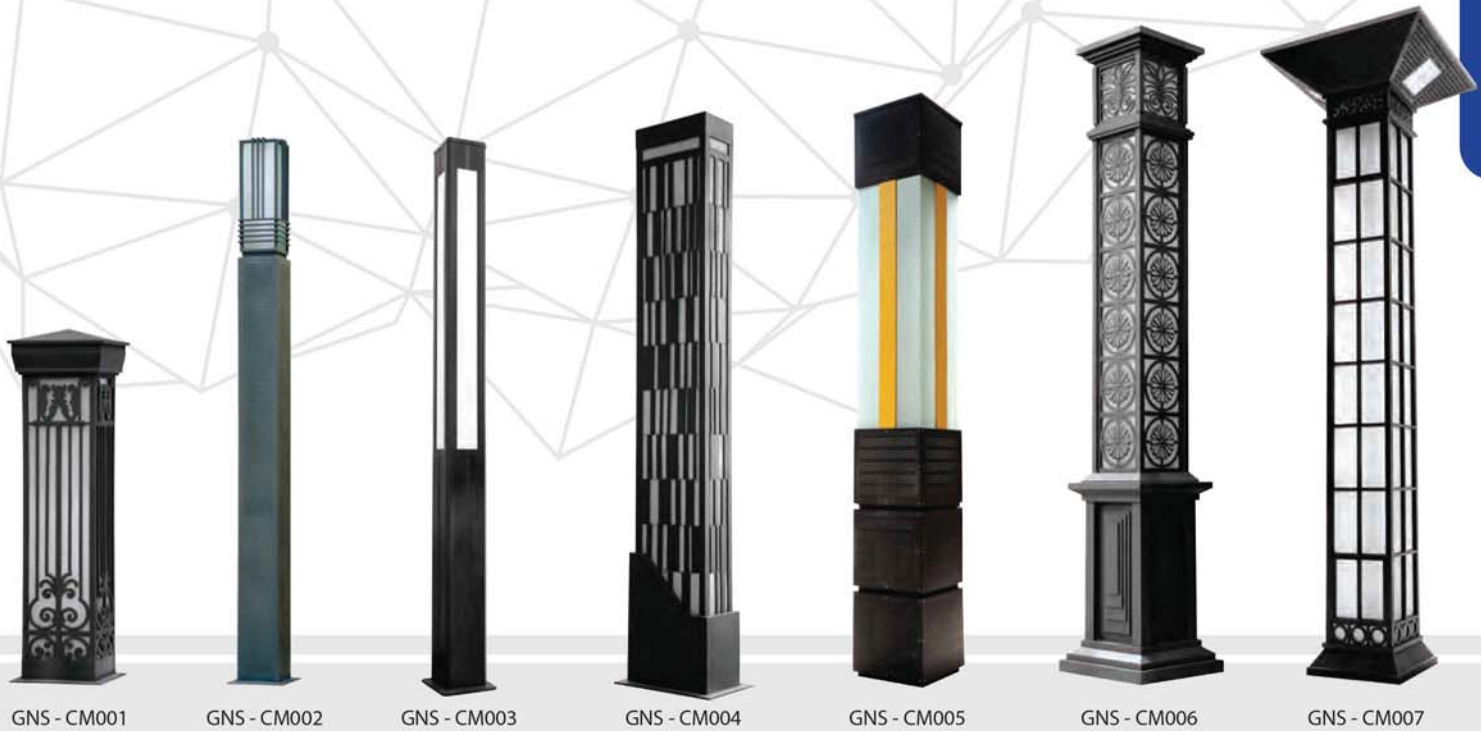
Technical Data :-

Standard	: Welding - BS5135 : Galvanizing - BS729 : Powder Coating - BS6497 : Wind Speed - 35m/s (126KM/Hour)
Finishing Color	: WHITE, RAL 9010 : GREY, RAL 9006 : BLACK, RAL 9005 : GREEN, RAL 6010 : BLUE, RAL 5017 : MAROON, RAL 3005 : GOLD, RAL 1003 : Other RAL colors are available upon request

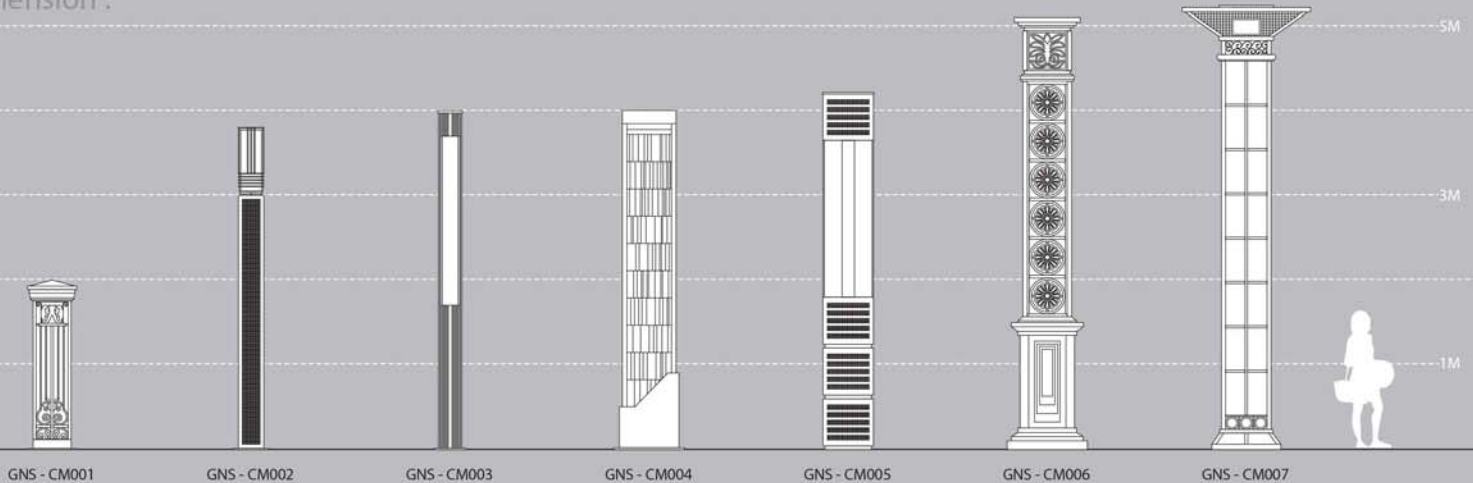
Decorative Pole



Decorative Column Light



Dimension :



Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: LED 20W-100W (single color/RGB) : MH/HPSV lamp 70W-250W : HQL lamp 50W-120W

Finishing Color	: WHITE, RAL 9010	: GREY, RAL 9006	: BLACK, RAL 9005	: GREEN, RAL 6010
	: BLUE, RAL 5017	: MAROON, RAL 3005	: GOLD, RAL 1003	
	: Other RAL colors are available upon request.			



Decorative Column Light

Decorative Pole



GNS - CM008



GNS - CM009



GNS - CM010



GNS - CM011



GNS - CM012

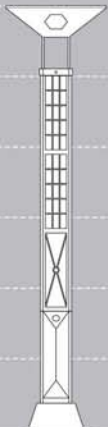


GNS - CM013

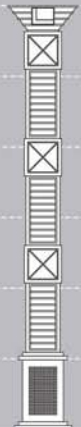


GNS - CM014

Dimension :



GNS - CM008



GNS - CM009



GNS - CM010



GNS - CM011



GNS - CM012



GNS - CM013



GNS - CM014

6M

3M

Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: LED 20W-100W (single color/RGB) : MH/HPSV lamp 70W-250W : HQL lamp 50W-120W
Finishing Color	: WHITE, RAL 9010 GREY, RAL 9006 BLACK, RAL 9005 GREEN, RAL 6010 : BLUE, RAL 5017 MAROON, RAL 3005 GOLD, RAL 1003 : Other RAL colors are available upon request.

Decorative Pole



Decorative Column Light



GNS - CM015



GNS - CM016



GNS - CM017



GNS - CM018



GNS - CM019

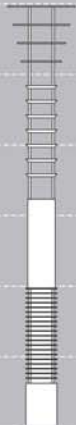


GNS - CM020

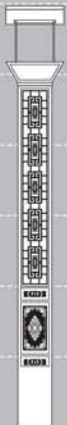


GNS - CM021

Dimension :



GNS - CM015



GNS - CM016



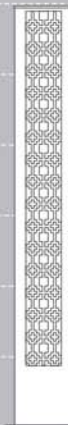
GNS - CM017



GNS - CM018



GNS - CM019



GNS - CM020



GNS - CM021

6M

3M

Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: LED 20W-100W (single color/RGB) : MH/HPSV lamp 70W-250W : HQL lamp 50W-120W

Finishing Color

WHITE, RAL 9010	GREY, RAL 9006	BLACK, RAL 9005	GREEN, RAL 6010
BLUE, RAL 5017	MAROON, RAL 3005	GOLD, RAL 1003	

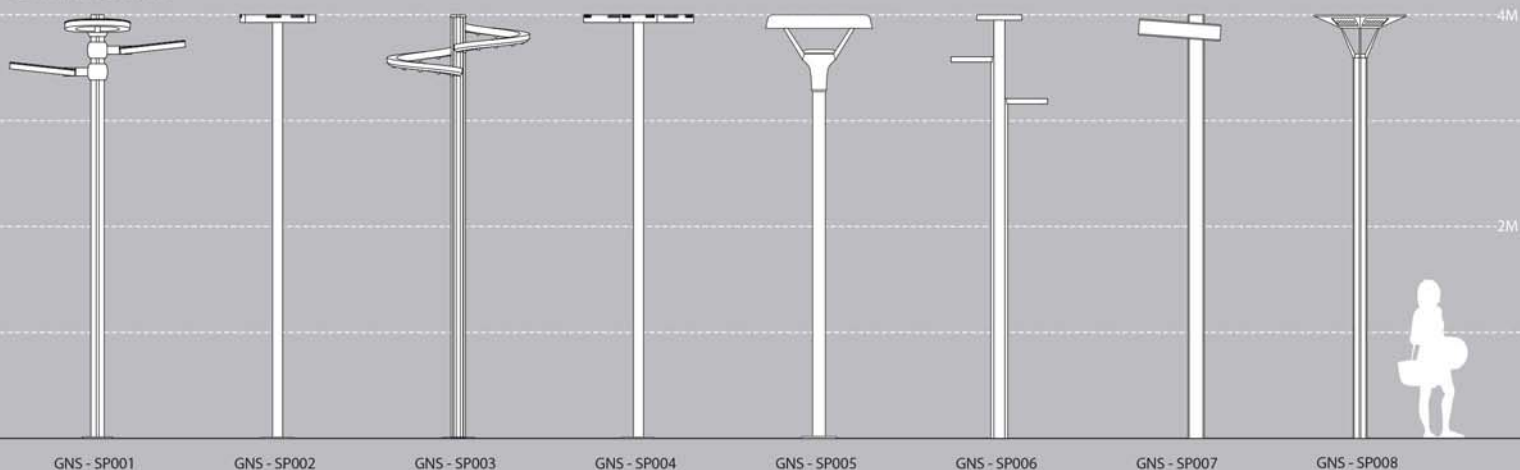
: Other RAL colors are available upon request.



Decorative Pole



Dimension :



Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

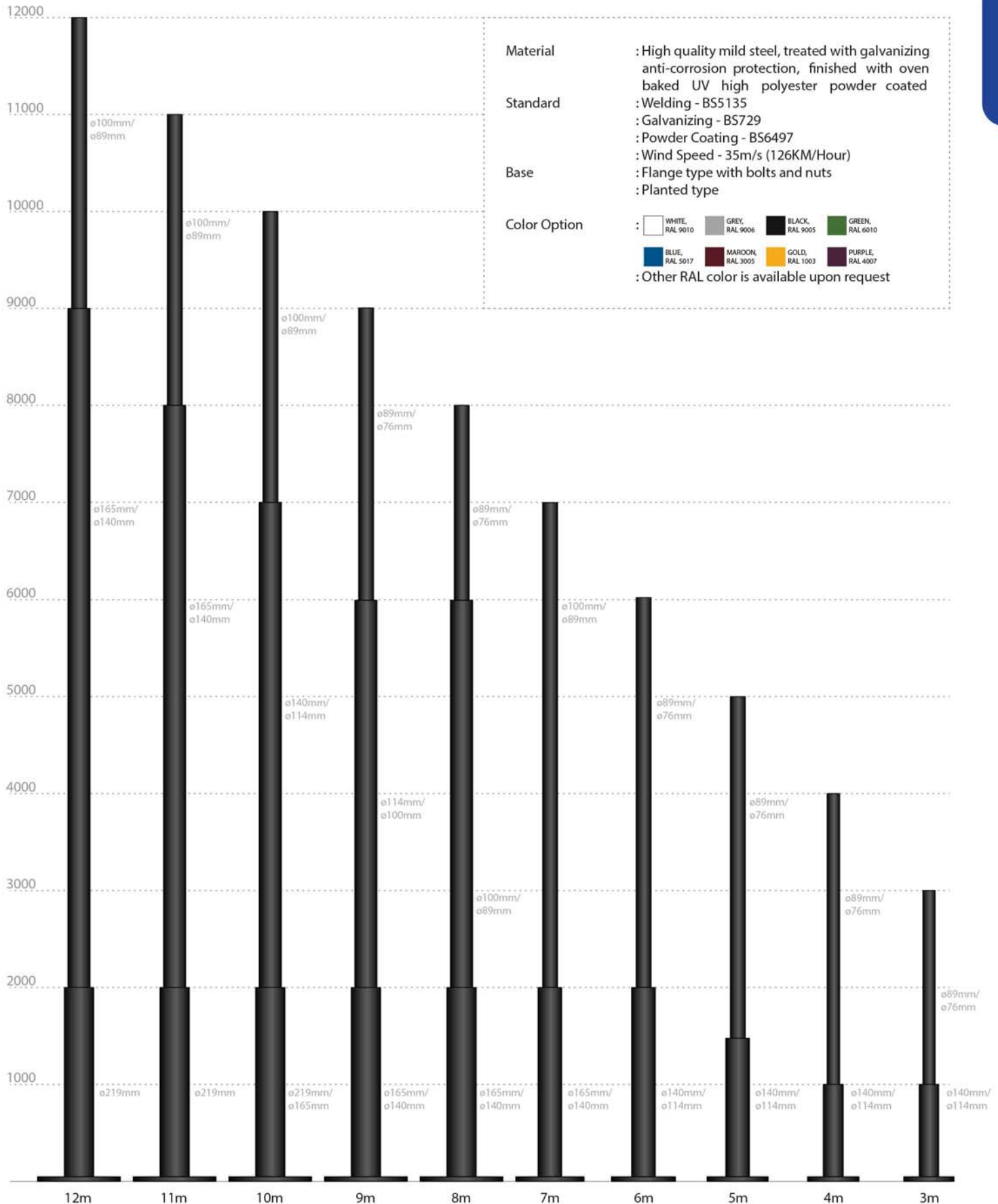
Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: LED 21W-84W
Color Temp.	: 2700K - 6000K

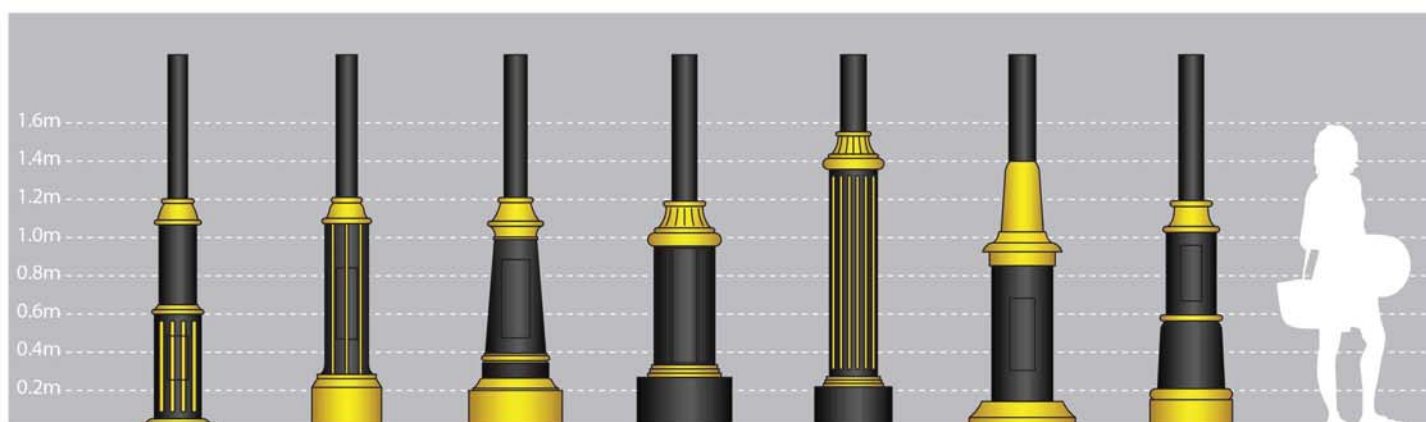
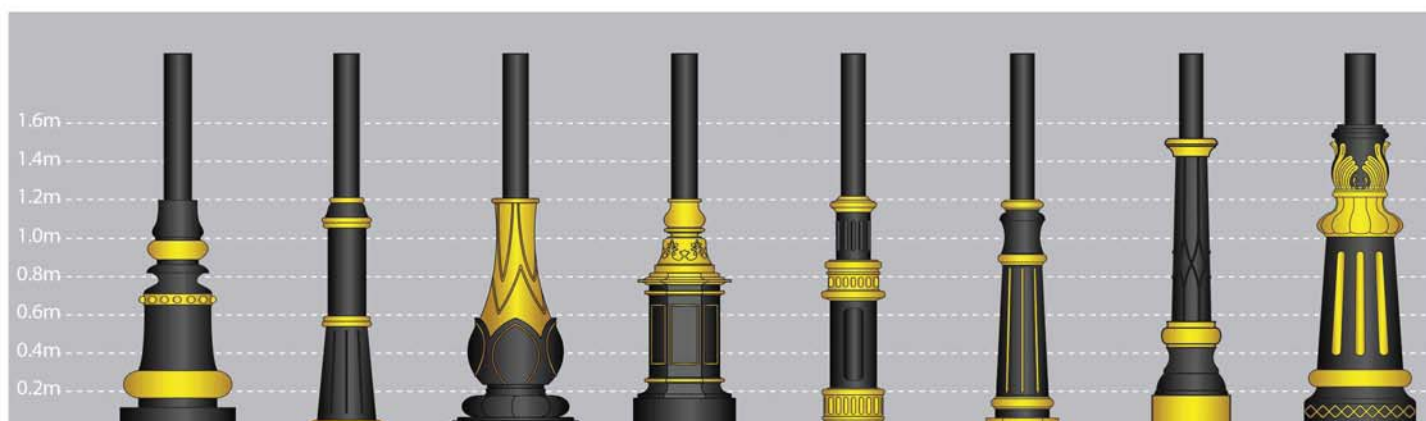
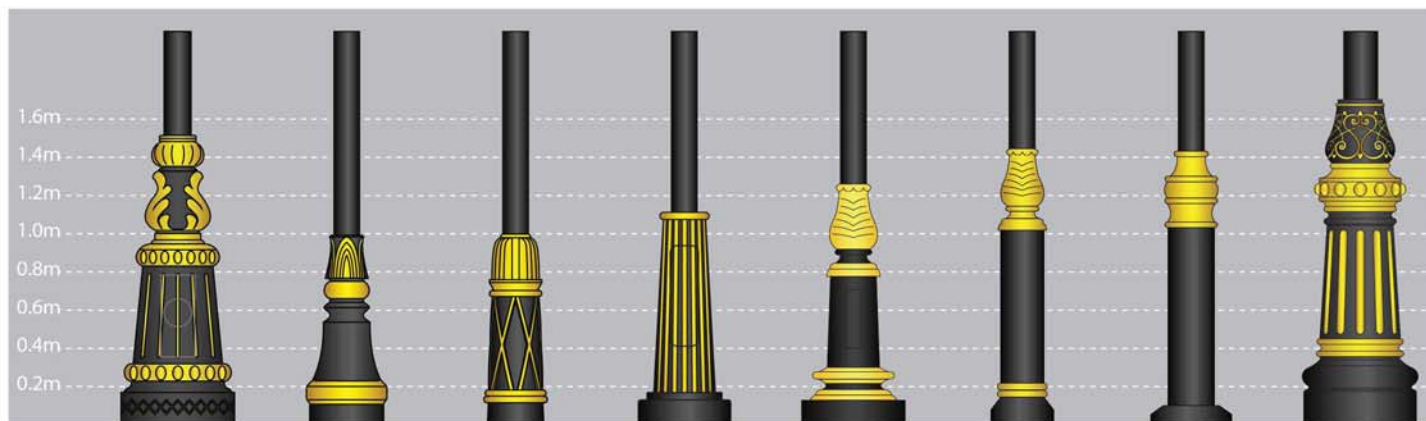
Finishing Color	: WHITE, RAL 9010	: GREY, RAL 9006	: BLACK, RAL 9005	: GREEN, RAL 6010
	: BLUE, RAL 5017	: MAROON, RAL 3005	: GOLD, RAL 1003	
	: Other RAL colors are available upon request.			

Decorative Pole

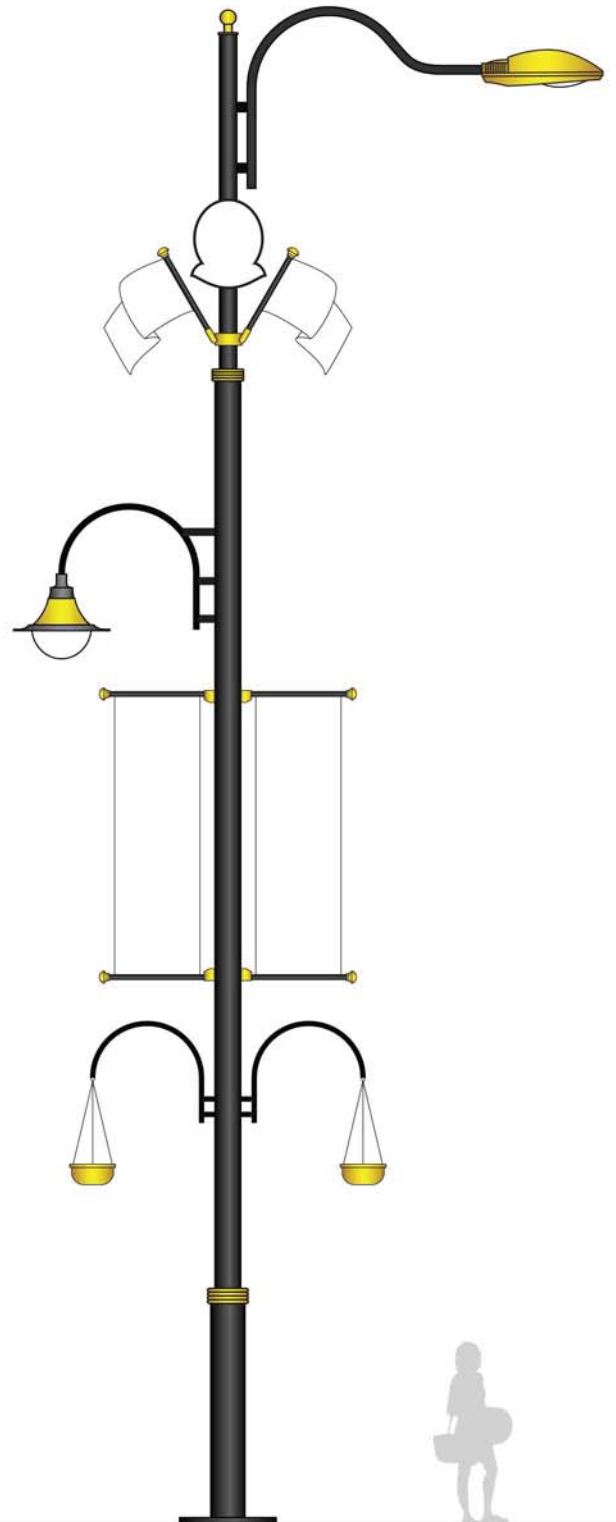
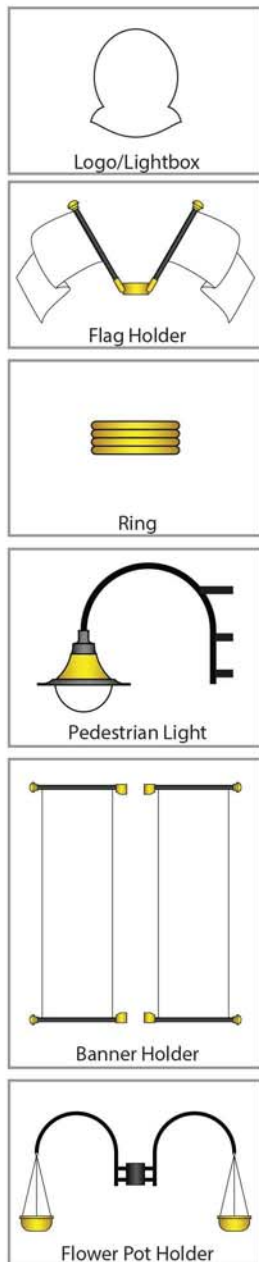
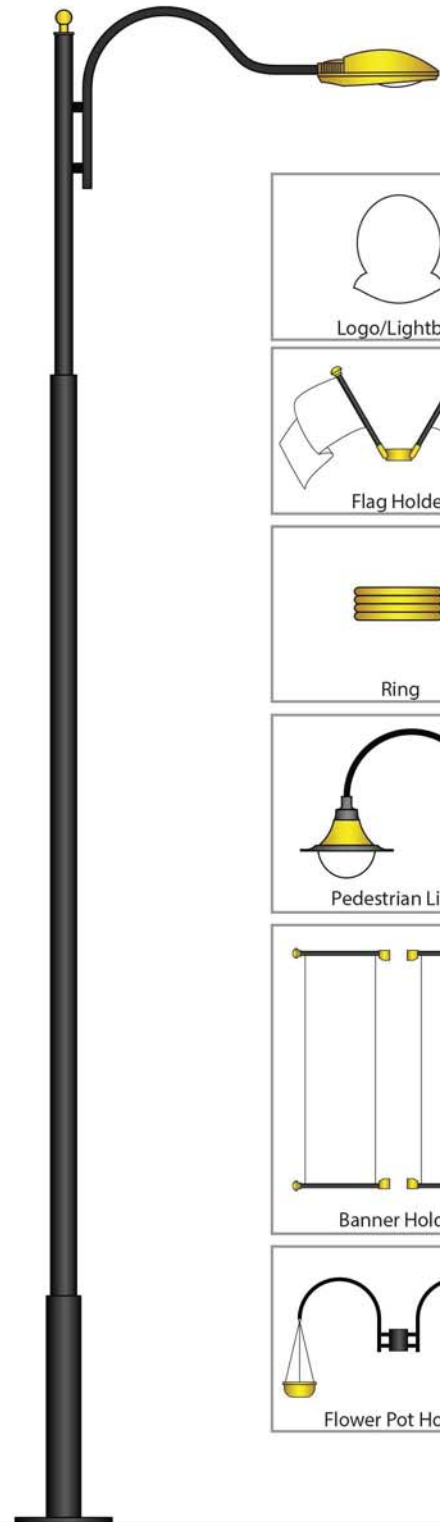


Standard Pole Dimension





Decorative Pole



WITHOUT ACCESSORIES

WITH ACCESSORIES

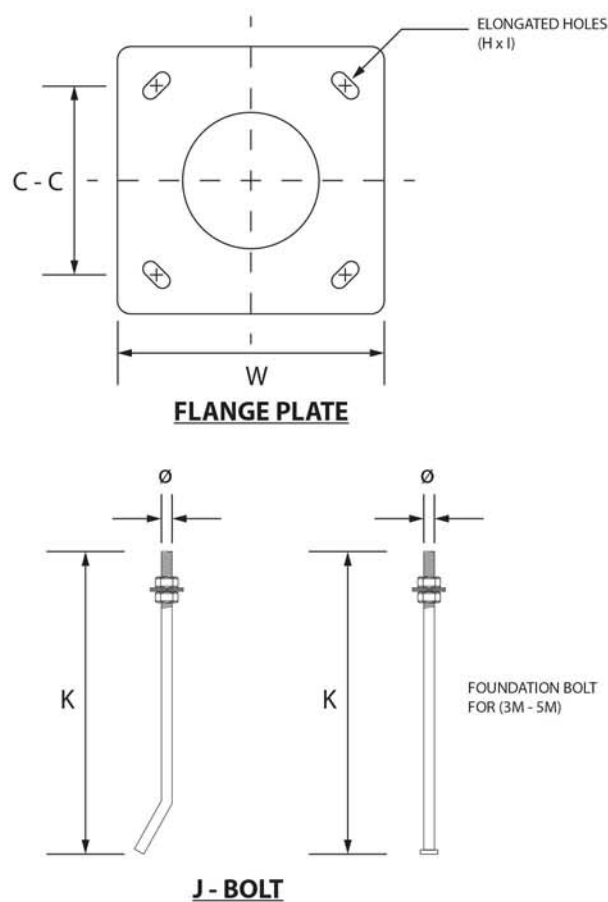
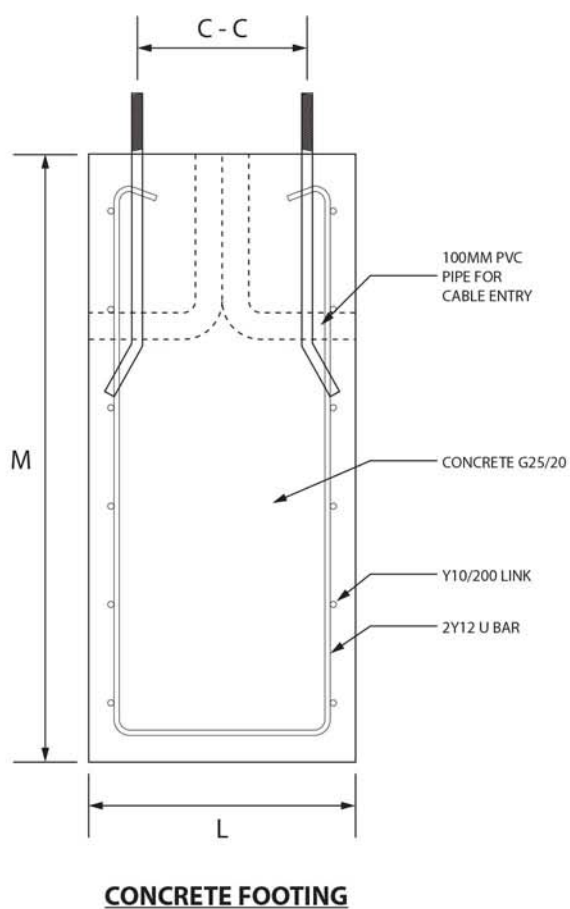


Flange Type Details

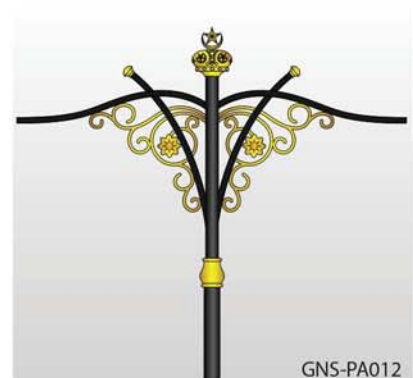
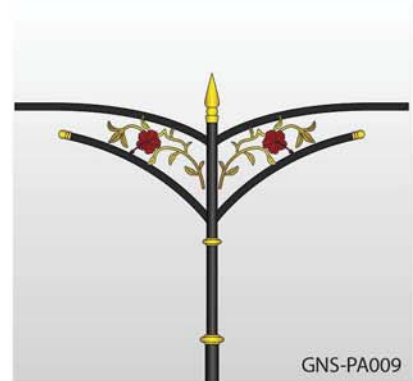
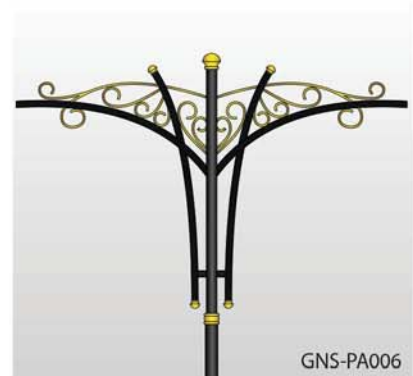
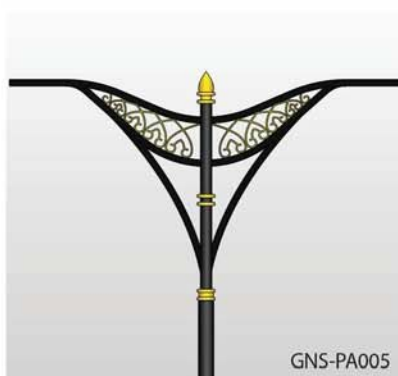
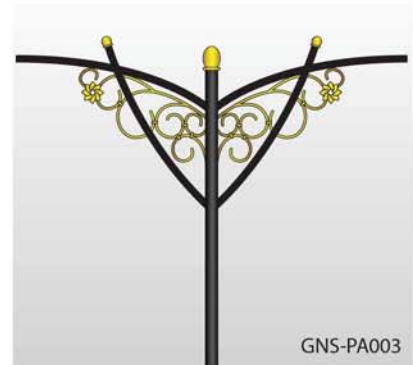
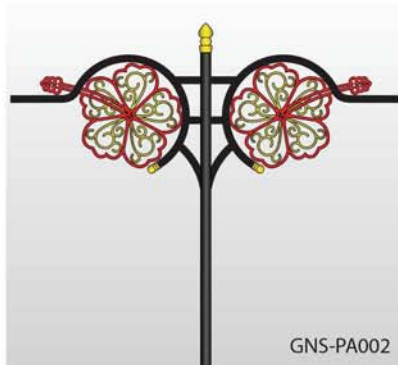
Decorative Pole

FLANGE MOUNTED TYPE FOR STREET LIGHTING POLE

NOMINAL HEIGHT (M)	BASE PLATE x THK. W (MM)	ELONGATED HOLES C-C x H x I (MM)	CONCRETE FOOTING			J - BOLT K (MM)
			M (MM)	L (MM)	C-C(MM)	
3 - 5	250 x 9	195 x 20 x 44	600	300	195	ø16 x 280L
6 - 8	300 x 12	220 x 26 x 53	900	350	220	ø20 x 450L
9	300 x 15	220 x 26 x 53	1000	350	220	ø20 x 450L
10-11	350 x 16	260 x 30 x 62	1200	400	260	ø24 x 570L
12	400 x 18	300 x 30 x 67	1200	450	300	ø24 x 570L



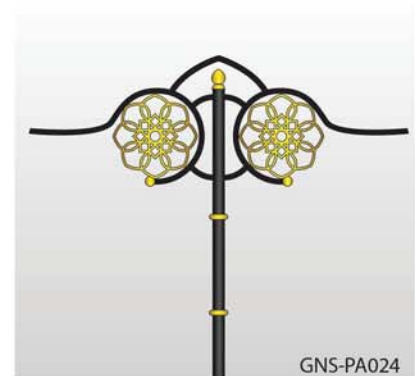
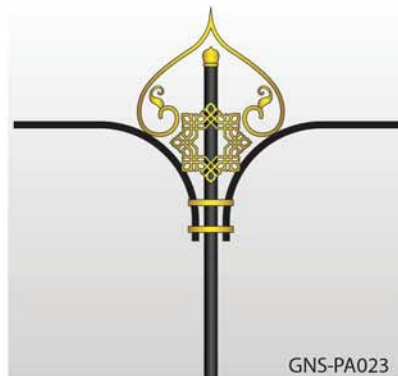
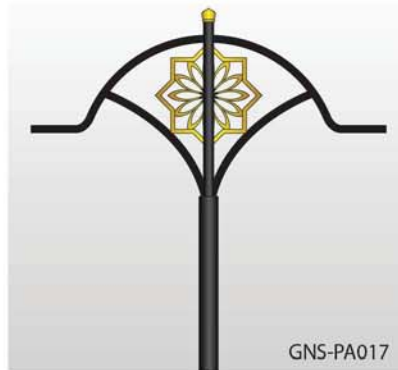
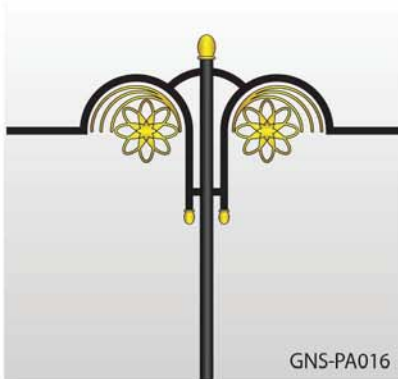
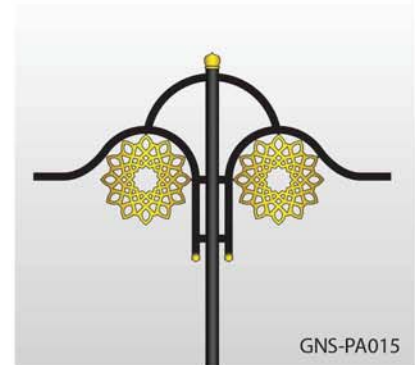
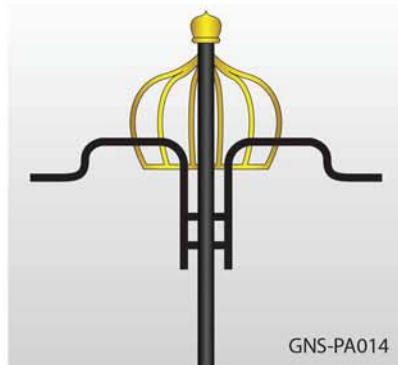
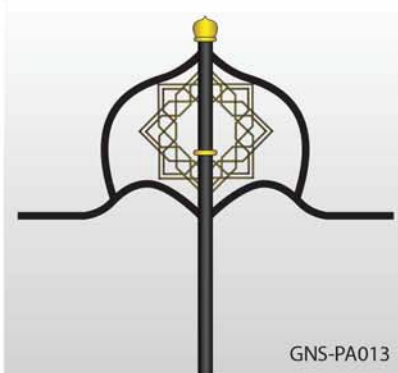
Decorative Pole





Islamic Motive Arm

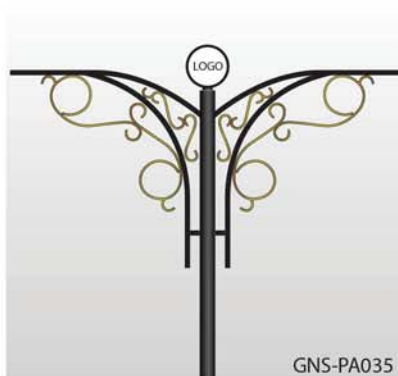
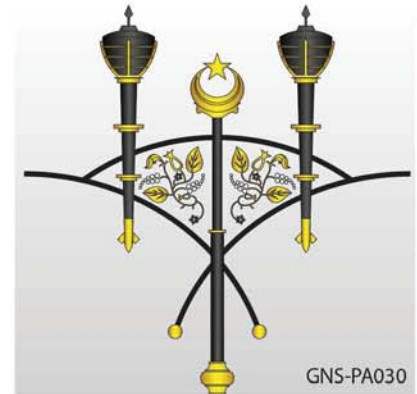
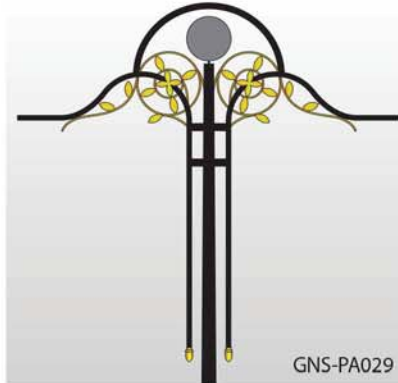
Decorative Pole



Decorative Pole



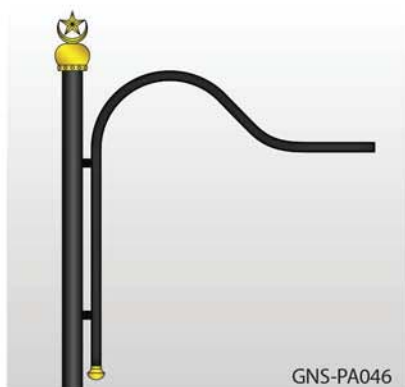
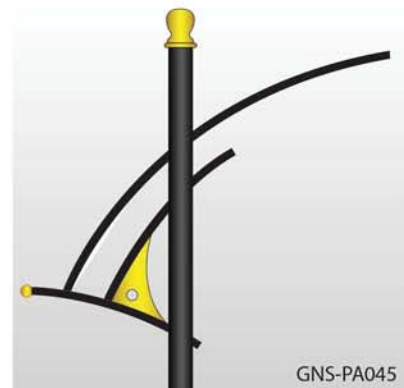
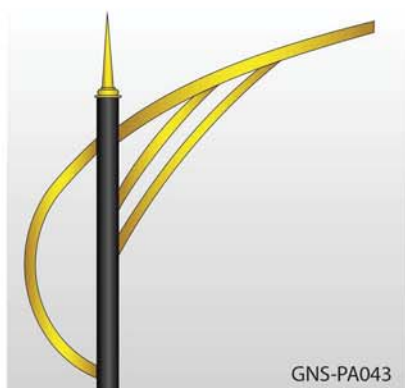
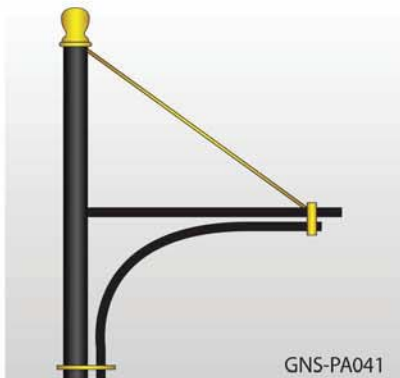
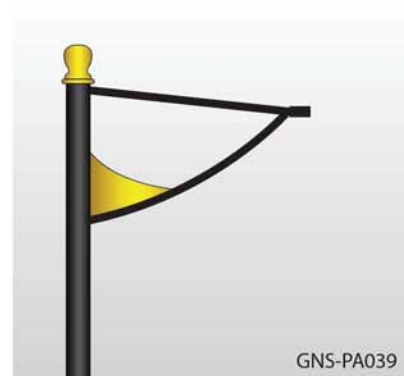
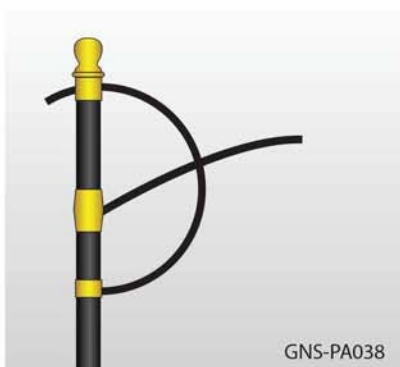
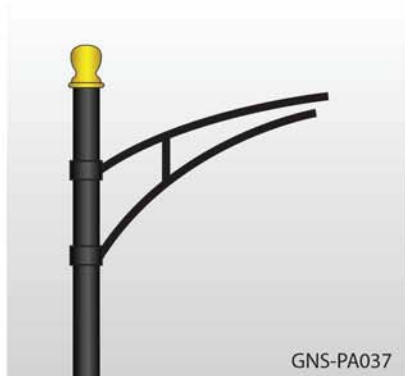
Intricate Motive Arm

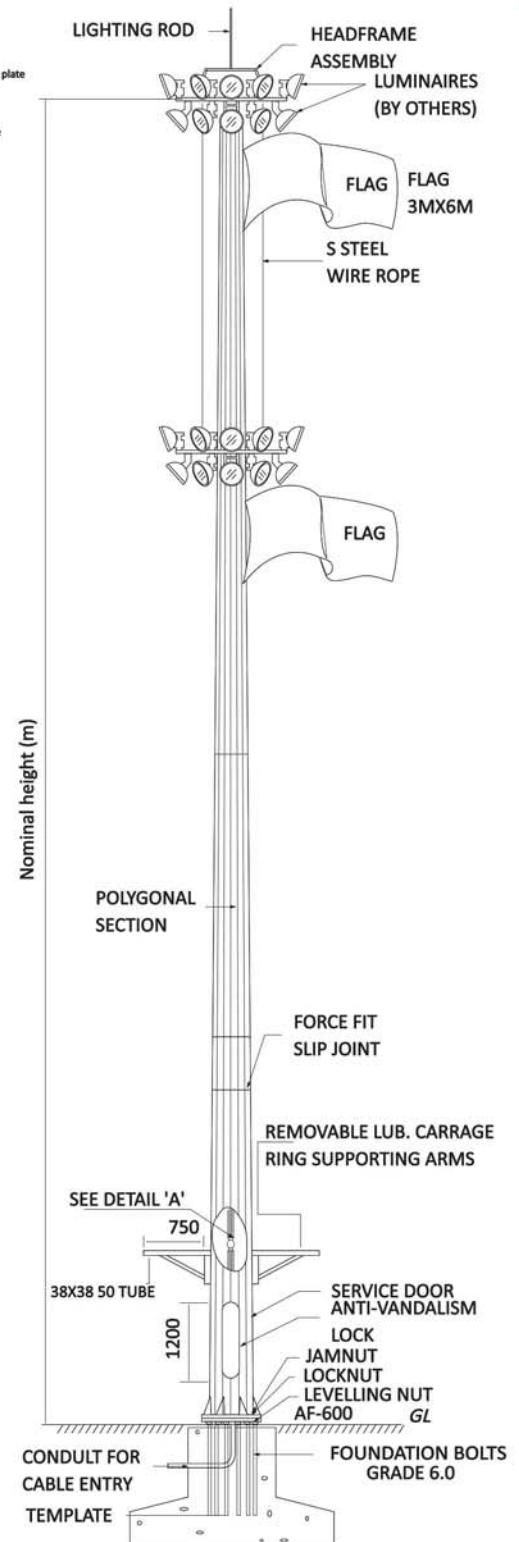
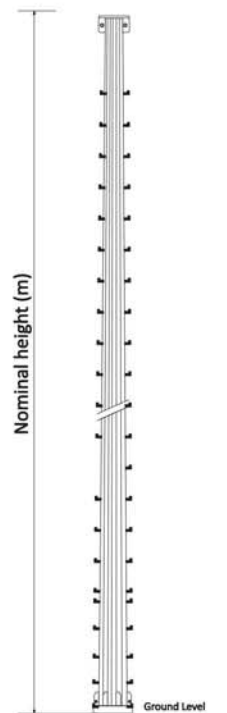
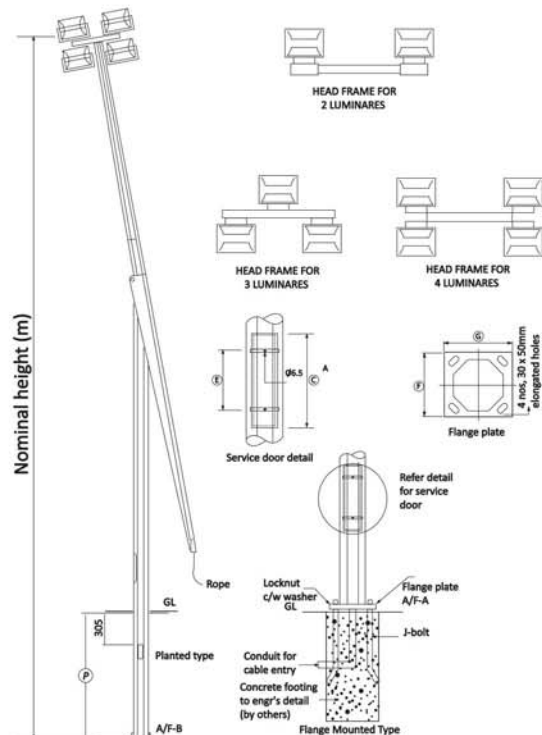
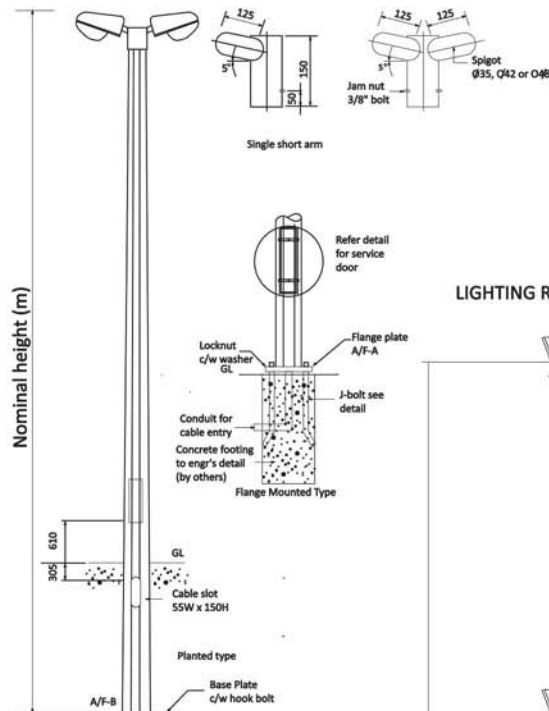
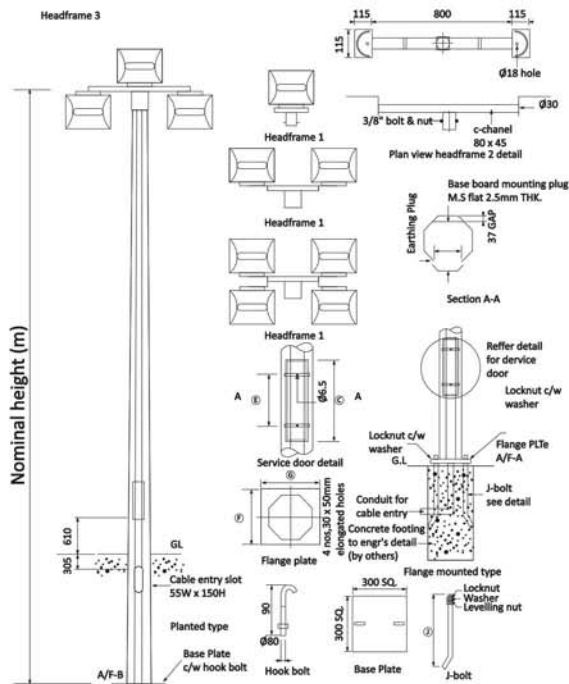




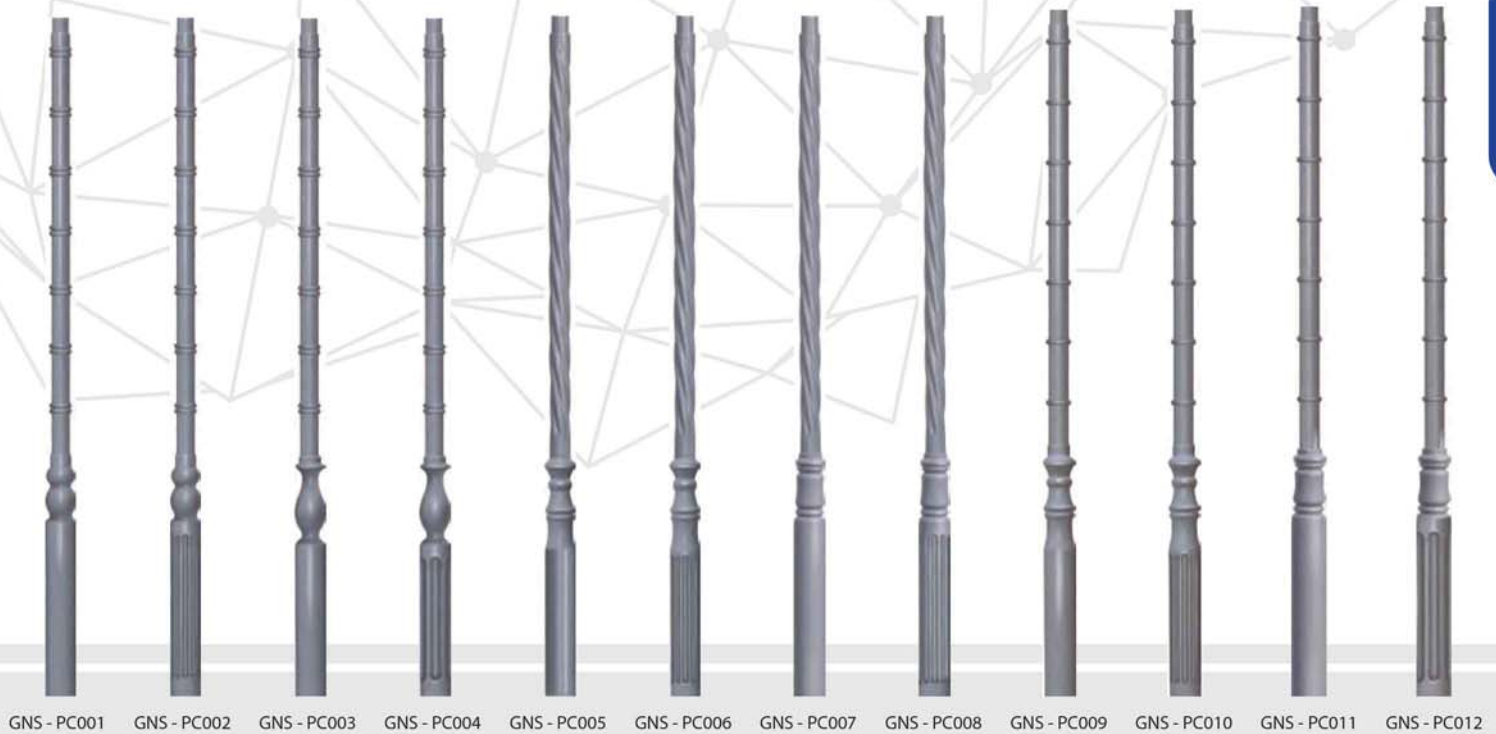
Modest Motive Arm

Decorative Pole

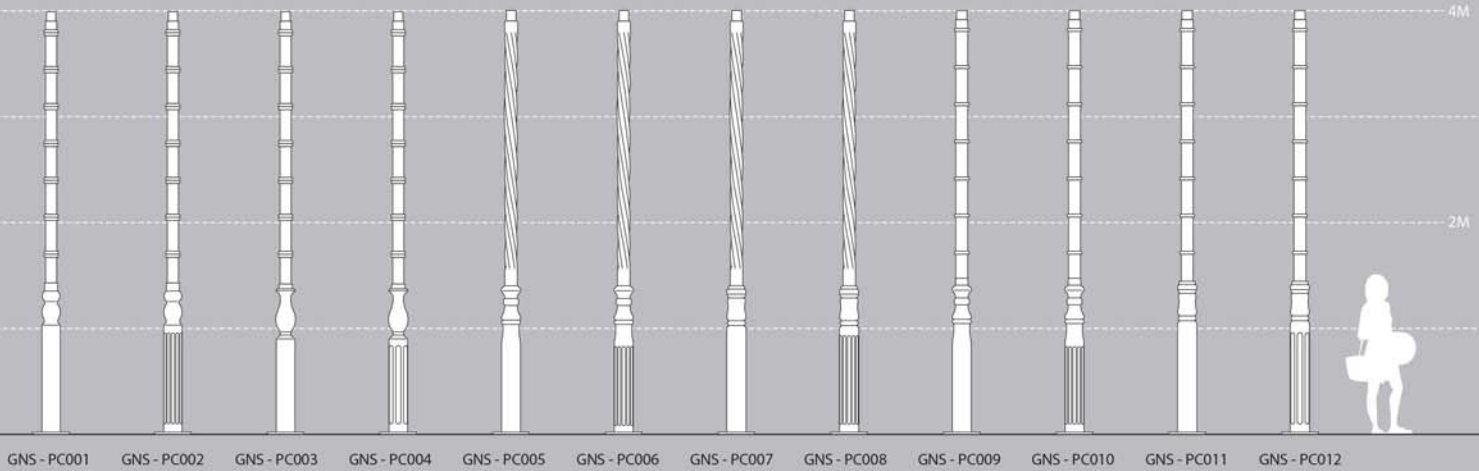




Decorative Pole



Dimension :



Product Characteristic :-

Material	: High quality die cast aluminum alloy , welds conforming to BS5135, treats with galvanizing anti corrosion protection, finished with oven baked UV High Polyester Powder Coat.
Base	: Flange type with bolts and nuts
Service Door	: Flange with single/double hinged
Application	: Urban streets, parks, squares, garden, villas and etc.

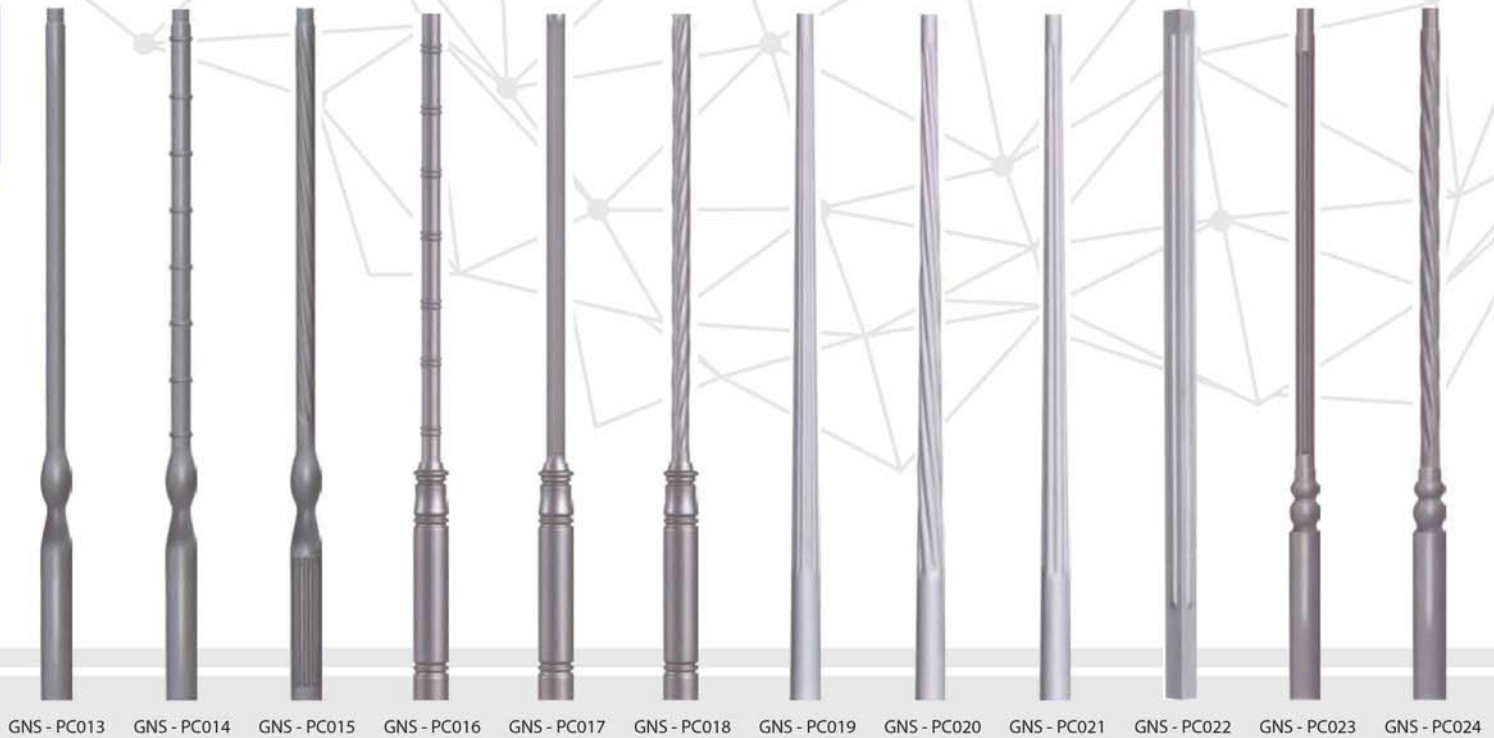
Technical Data :-

Standard	: Welding - BS5135 : Galvanizing - BS729 : Powder Coating - BS6497 : Wind Speed - 35m/s (126KM/Hour)								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							

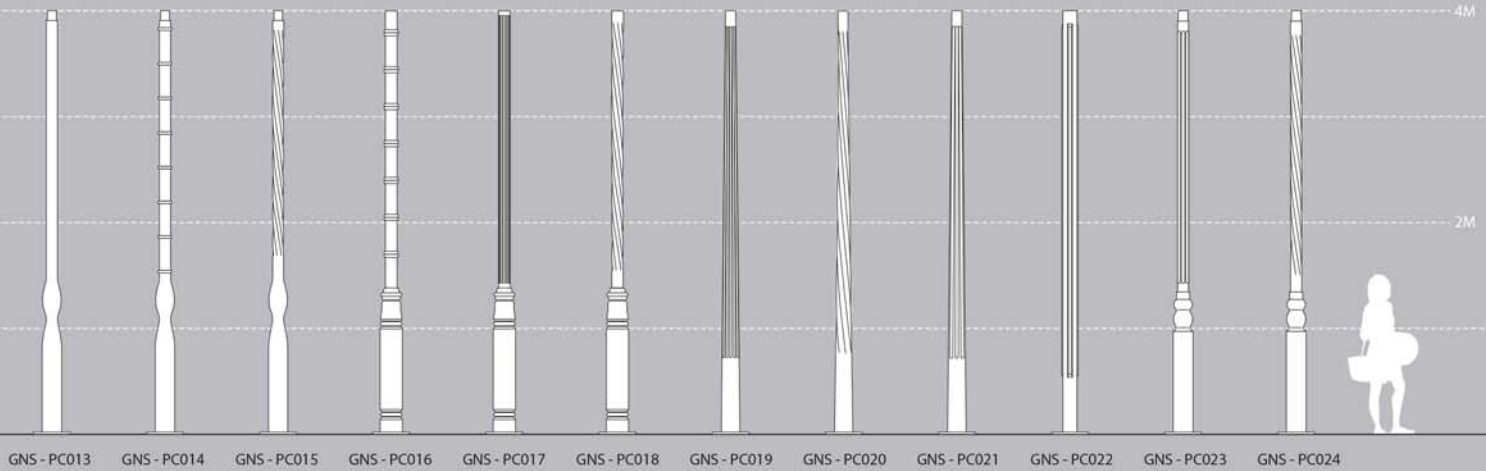


Decorative Pole

Twisted Pole



Dimension :



Product Characteristic :-

Material	: High quality die cast aluminum alloy , welds conforming to BS5135, treats with galvanizing anti corrosion protection, finished with oven baked UV High Polyester Powder Coat.
Base	: Flange type with bolts and nuts
Service Door	: Flange with single/double hinged
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Standard	: Welding - BS5135 : Galvanizing - BS729 : Powder Coating - BS6497 : Wind Speed - 35m/s (126KM/Hour)								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							

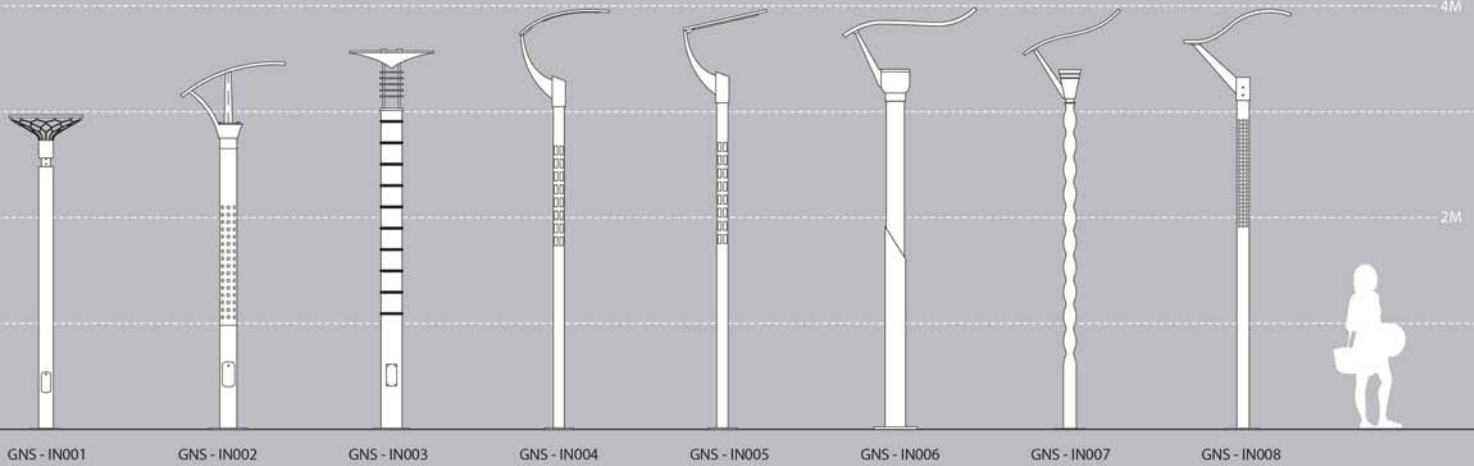
Decorative Pole



Decorative Indirect Pole Light



Dimension :



Product Characteristics :-

Material	: High quality mild steel, treated with galvanizing anti-corrosion protection, finished with oven baked UV high polyester powder coated
Standard	: Welding - BS5135 : Galvanizing - BS729 : Powder Coating - BS6497 : Wind Speed - 35m/s (126KM/Hour)
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I								
IP Rating	: IP65								
Lamping	: LED 30W - 100W : SON/MH Lamp 70W - 150W : HQL Lamp 50W - 120W								
Color Temp.	: 2700K - 6000K								
Finishing Color	: <table><tr><td> WHITE, RAL 9010</td><td> GREY, RAL 9006</td><td> BLACK, RAL 9005</td><td> GREEN, RAL 6010</td></tr><tr><td> BLUE, RAL 5017</td><td> MAROON, RAL 3005</td><td> GOLD, RAL 1003</td><td></td></tr></table> : Other RAL colors are available upon request	 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010	 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003	
 WHITE, RAL 9010	 GREY, RAL 9006	 BLACK, RAL 9005	 GREEN, RAL 6010						
 BLUE, RAL 5017	 MAROON, RAL 3005	 GOLD, RAL 1003							

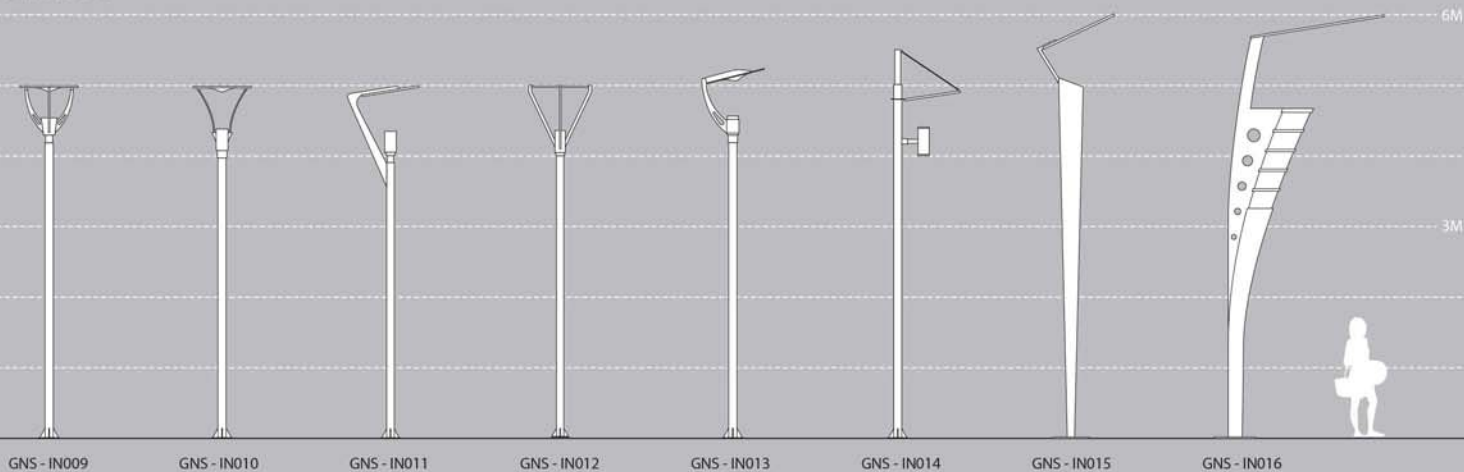


Decorative Pole

Decorative Indirect Pole Light



Dimension :



Product Characteristics :-

Material	: High quality mild steel, treated with galvanizing anti-corrosion protection, finished with oven baked UV high polyester powder coated
Standard	: Welding - BS5135 : Galvanizing - BS729 : Powder Coating - BS6497
Application	: Wind Speed - 35m/s (126KM/Hour) : Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I
IP Rating	: IP65
Lamping	: LED 30W - 100W : SON/MH Lamp 70W - 150W : HQL Lamp 50W - 120W
Color Temp.	: 2700K - 6000K
Finishing Color	: WHITE, RAL 9010 GREY, RAL 9006 BLACK, RAL 9005 GREEN, RAL 6010 : BLUE, RAL 5017 MAROON, RAL 3005 GOLD, RAL 1003 : Other RAL colors are available upon request



Bollard Light Series

							
GNS - BL001 p.80	GNS - BL002 p.80	GNS - BL003 p.80	GNS - BL004 p.80	GNS - BL005 p.80	GNS - BL006 p.80	GNS - BL007 p.81	GNS - BL008 p.81
							
GNS - BL009 p.81	GNS - BL010 p.81	GNS - BL011 p.81	GNS - BL012 p.81	GNS - BL013 p.82	GNS - BL014 p.82	GNS - BL015 p.82	GNS - BL016 p.82
							
GNS - BL017 p.82	GNS - BL018 p.82	GNS - BL019 p.83	GNS - BL020 p.83	GNS - BL021 p.83	GNS - BL022 p.83	GNS - BL023 p.83	GNS - BL024 p.83
							
GNS - BL025 p.84	GNS - BL026 p.84	GNS - BL027 p.84	GNS - BL028 p.84	GNS - BL029 p.84	GNS - BL030 p.84	GNS - BL031 p.85	GNS - BL032 p.85
							
GNS - BL033 p.85	GNS - BL034 p.85	GNS - BL035 p.85	GNS - BL036 p.85				

Garden Lighting





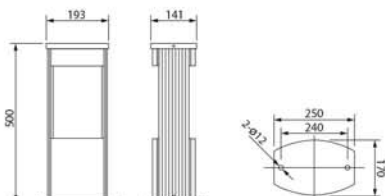
Bollard Light Series

Garden Lighting

CE RoHS IP65



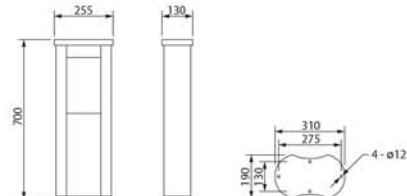
Dimension (mm) :-



GNS-BL001



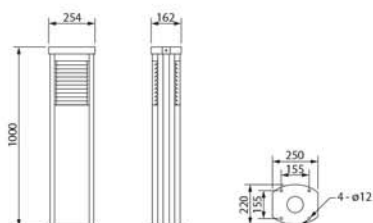
Dimension (mm) :-



GNS-BL002



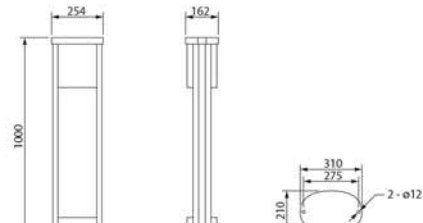
Dimension (mm) :-



GNS-BL003



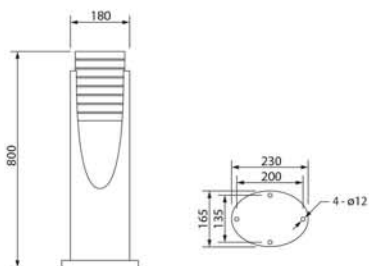
Dimension (mm) :-



GNS-BL004



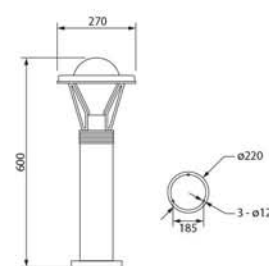
Dimension (mm) :-



GNS-BL005



Dimension (mm) :-



GNS-BL006

Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: PLC/PLCE (18-26W) : LED (5-15W) : MH/SO (70W)

Finishing Color	: WHITE, RAL 9010	: GREY, RAL 9006	: BLACK, RAL 9005	: GREEN, RAL 6010
	: BLUE, RAL 5017	: MAROON, RAL 3005	: GOLD, RAL 1003	
	: Other RAL colors are available upon request.			

Garden Lighting

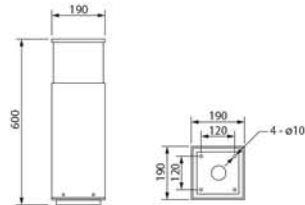
CE RoHS IP 65



Bollard Light Series



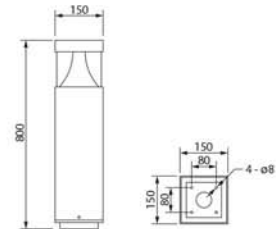
Dimension (mm) :-



GNS-BL007



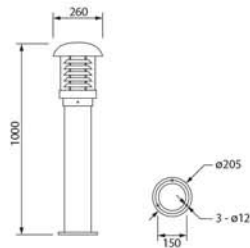
Dimension (mm) :-



GNS-BL008



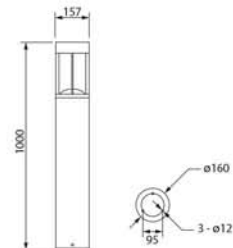
Dimension (mm) :-



GNS-BL009



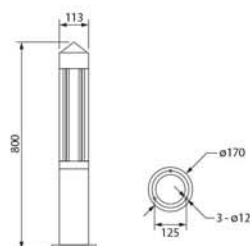
Dimension (mm) :-



GNS-BL010



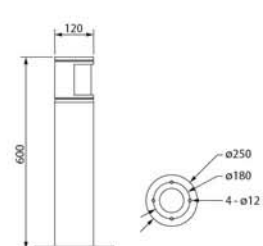
Dimension (mm) :-



GNS-BL011



Dimension (mm) :-



GNS-BL012

Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: PLC/PLCE (18-26W) : LED (5-15W) : MH/SO (70W)

Finishing Color	: WHITE, RAL 9010	: GREY, RAL 9006	: BLACK, RAL 9005	: GREEN, RAL 6010
	: BLUE, RAL 5017	: MAROON, RAL 3005	: GOLD, RAL 1003	
	: Other RAL colors are available upon request.			



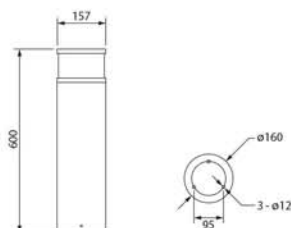
Bollard Light Series

Garden Lighting

CE RoHS IP 65



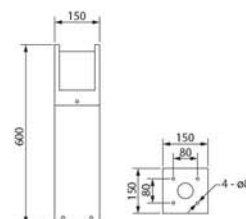
Dimension (mm) :-



GNS-BL013



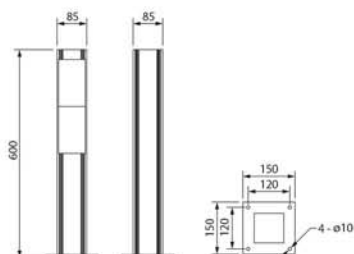
Dimension (mm) :-



GNS-BL014



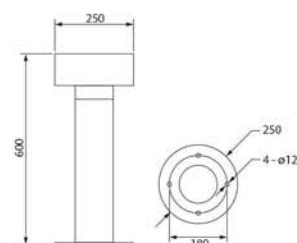
Dimension (mm) :-



GNS-BL015



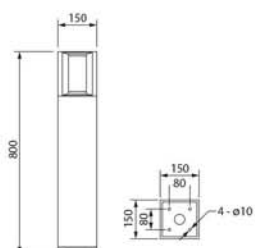
Dimension (mm) :-



GNS-BL016



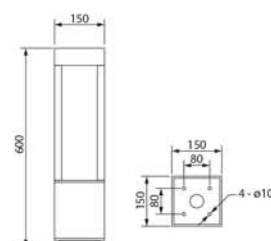
Dimension (mm) :-



GNS-BL017



Dimension (mm) :-



GNS-BL018

Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: PLC/PLCE (18-26W) : LED (5-15W) : MH/SO (70W)
Finishing Color	: WHITE, RAL 9010 GREY, RAL 9006 BLACK, RAL 9005 GREEN, RAL 6010 : BLUE, RAL 5017 MAROON, RAL 3005 GOLD, RAL 1003 : Other RAL colors are available upon request.

Garden Lighting

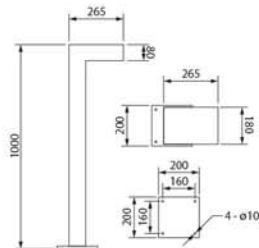
CE RoHS IP 65



Bollard Light Series



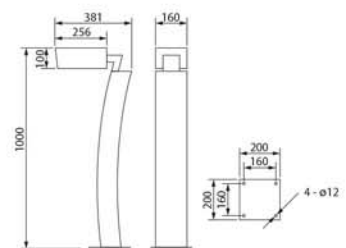
Dimension (mm) :-



GNS-BL019



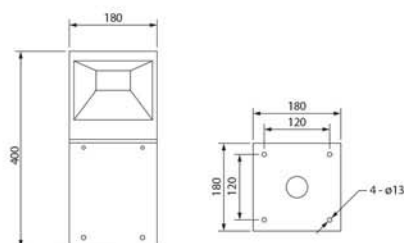
Dimension (mm) :-



GNS-BL020



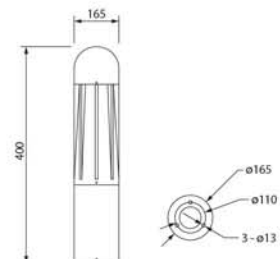
Dimension (mm) :-



GNS-BL021



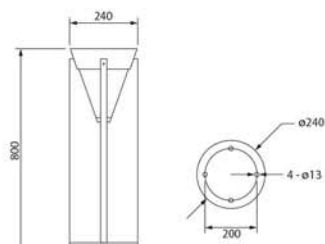
Dimension (mm) :-



GNS-BL022



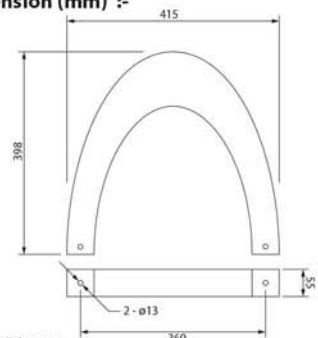
Dimension (mm) :-



GNS-BL023



Dimension (mm) :-



GNS-BL024

Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: PLC/PLCE (18-26W) : LED (5-15W) : MH/SO (70W)

Finishing Color	: WHITE, RAL 9010	: GREY, RAL 9006	: BLACK, RAL 9005	: GREEN, RAL 6010
	: BLUE, RAL 5017	: MAROON, RAL 3005	: GOLD, RAL 1003	
	: Other RAL colors are available upon request.			



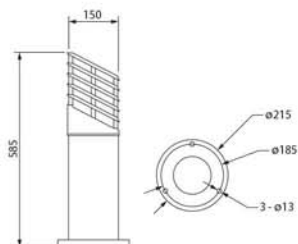
Bollard Light Series

Garden Lighting

CE RoHS IP65



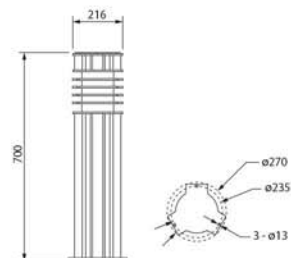
Dimension (mm) :-



GNS-BL025



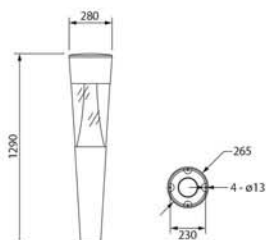
Dimension (mm) :-



GNS-BL026



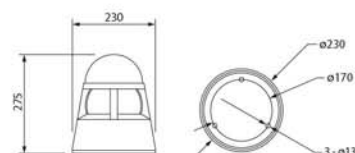
Dimension (mm) :-



GNS-BL027



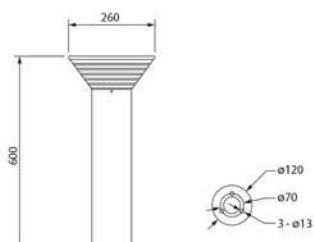
Dimension (mm) :-



GNS-BL028



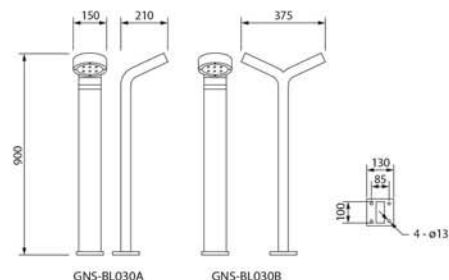
Dimension (mm) :-



GNS-BL029



Dimension (mm) :-



GNS-BL030

Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: PLC/PLCE (18-26W) : LED (5-15W) : MH/SO (70W)
Finishing Color	: WHITE, RAL 9010 : GREY, RAL 9006 : BLACK, RAL 9005 : GREEN, RAL 6010 : BLUE, RAL 5017 : MAROON, RAL 3005 : GOLD, RAL 1003 : Other RAL colors are available upon request.

Garden Lighting

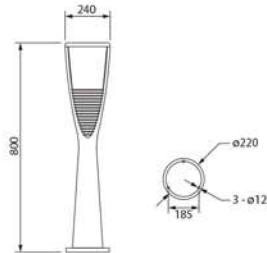
CE RoHS IP 65



Bollard Light Series



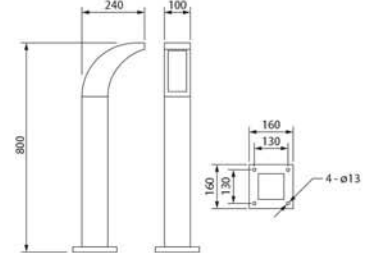
Dimension (mm) :-



GNS-BL031



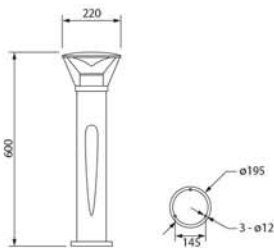
Dimension (mm) :-



GNS-BL032



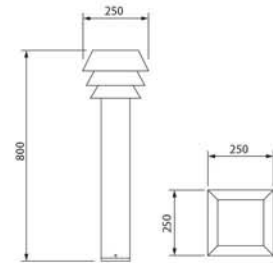
Dimension (mm) :-



GNS-BL033



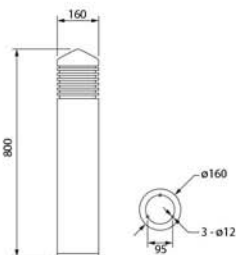
Dimension (mm) :-



GNS-BL034



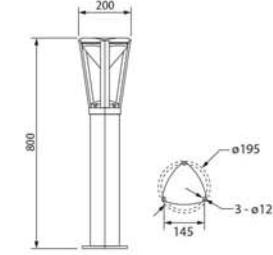
Dimension (mm) :-



GNS-BL035



Dimension (mm) :-



GNS-BL036

Product Characteristic :-

Body	: High quality extruded/cast aluminum with treatment of corrosion protection and UV-proof powder coating
Diffuser	: Polycarbonate - Clear/Opal : PMMA - Clear/Opal : Tempered glass - Clear/Opal
Reflector	: Anodized high purity aluminum
Gasketing	: Thermostable silica gel to improve protection class
Fastener	: Stainless steel with high intensity and corrosion protection
Application	: Urban streets, parks, squares, garden, villas and etc.

Technical Data :-

Insulation Class	: Class I
Standard	: IEC60598/GB7000
Protection	: IP65
Lamping	: PLC/PLCE (18-26W) : LED (5-15W) : MH/SO (70W)

Finishing Color	: WHITE, RAL 9010	: GREY, RAL 9006	: BLACK, RAL 9005	: GREEN, RAL 6010
	: BLUE, RAL 5017	: MAROON, RAL 3005	: GOLD, RAL 1003	
	: Other RAL colors are available upon request.			



Customization Works



GNS - CS001 p.88



GNS - CS002 p.89



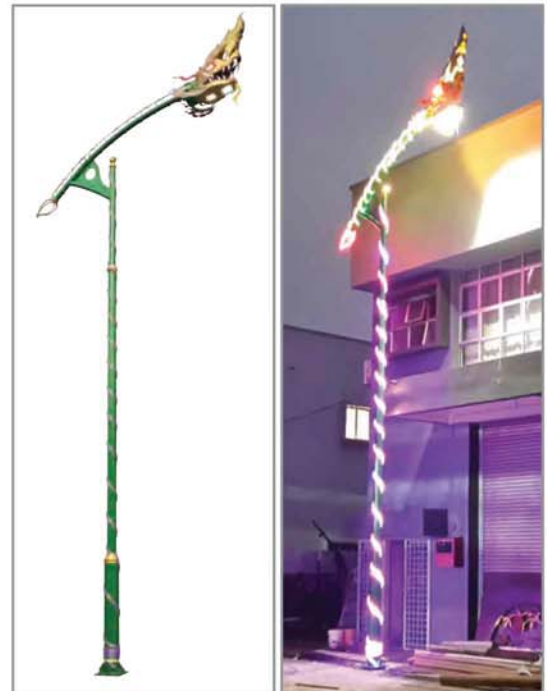
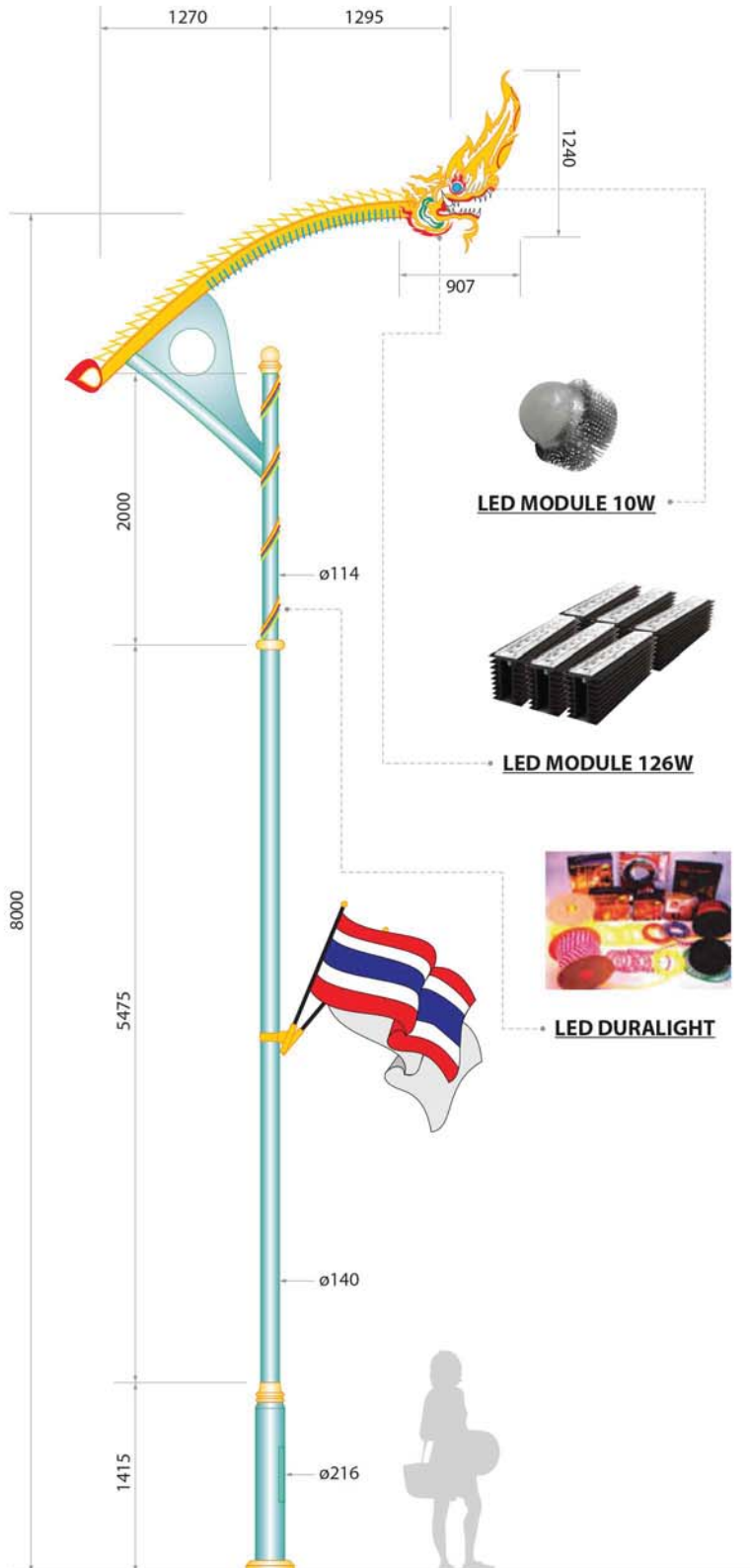
GNS - CS003 p.90



GNS - CS004 p.91

Customize Lighting



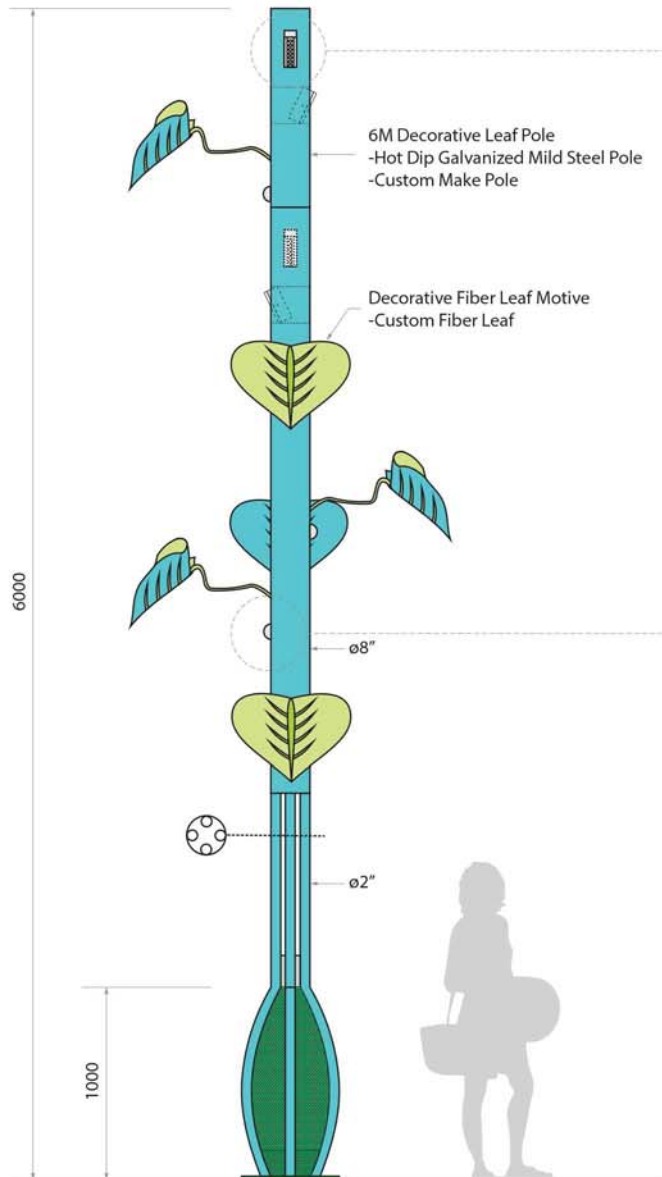


Customize Lighting



Customization Works

GNS-CS002



LED MODULE 21W

-LED Chip of high luminous efficiency and high stability to secure the performance and reliability of the module

-Lens of anti-oxidation and anti-UV PC material with the transparency over 90% to enhance the luminous efficiency and weather-proof

-Various lens of professional design to provide proper candle distribution for various lighting application. In the specified lighting range, the lumen utilization rate over 0.6 and uniformity over 0.7



LED MODULE 10W

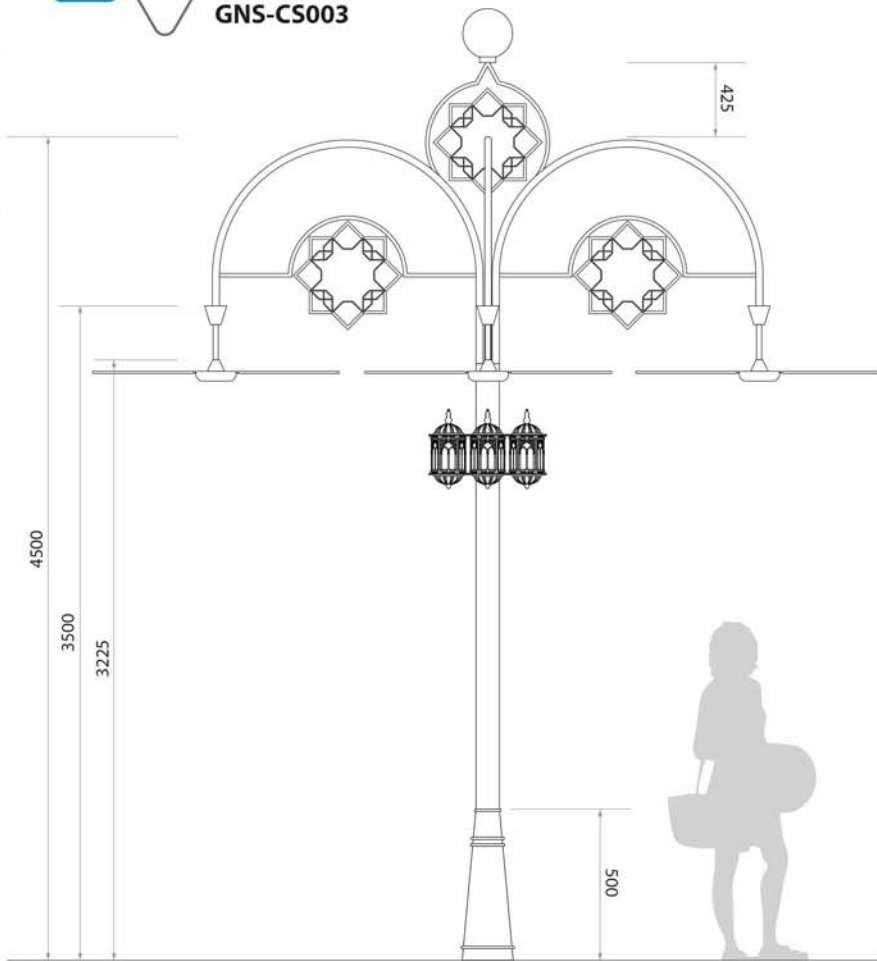
Application
-Light engine for general outdoor lightings.

Features
-High power efficacy
-Long life span
-Mercury and lead are not present
-Almost zero UV and IR emissions

Benefits
-Can replace 100W equivalent incandescent lamp
-Less heat
-Instant ON

The Project Photo :-





Accessories Option :-



The Project Photo :-



Customize Lighting



Customization Works

GNS-CS004



Advantages :-

Safety, anti-vandalism, anti corrosive, long lasting, strong scratch resistance surface, achieve any look and feel desired, lightweight panel, easy to install, maximum sanitation protection, suitable as land-mark and low power consumption with LED technologies.

Applications :-

Walkway, seaside, round about, outdoor lighting, decoration, river bank, road divider, island, car park area, entrance, event and etc.

Materials :-



10W High Power LED,
Decoder Lens 120° B07 and
High Performance Heat Sink.



Special Design Driver
24-36Vdc 380mA,
100-240Vac input and
high UV protection PV casing.



Fiberglass casing c/w
high efficiency pain and sticker.





RAL Color Map Chart

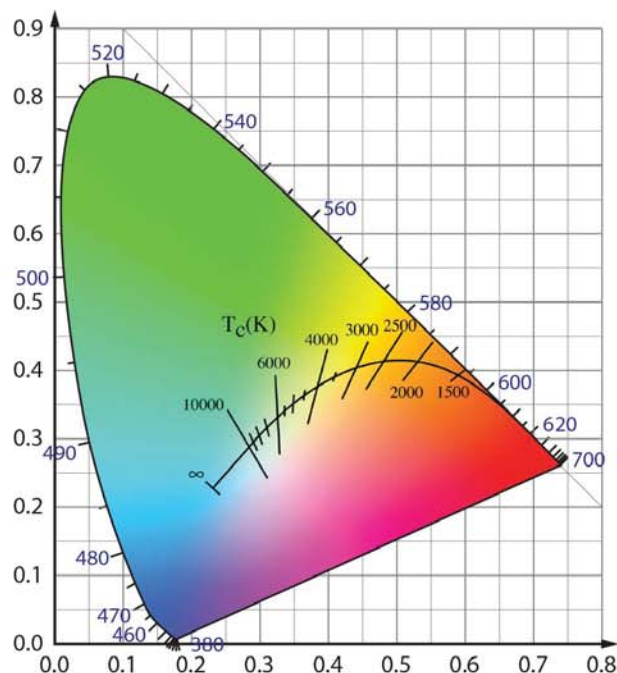
GNS-CS005

RAL 1000	RAL 1001	RAL 1002	RAL 1003	RAL 1004	RAL 1005	RAL 1006	RAL 1007	RAL 1011	RAL 1012
RAL 1013	RAL 1014	RAL 1015	RAL 1016	RAL 1017	RAL 1018	RAL 1019	RAL 1020	RAL 1021	RAL 1023
RAL 1024	RAL 1027	RAL 1028	RAL 1032	RAL 1033	RAL 1034	RAL 1037	RAL 2000	RAL 2001	RAL 2002
RAL 2003	RAL 2004	RAL 2008	RAL 2009	RAL 2010	RAL 2011	RAL 2012	RAL 3000	RAL 3001	RAL 3002
RAL 3003	RAL 3004	RAL 3005	RAL 3007	RAL 3009	RAL 3011	RAL 3012	RAL 3013	RAL 3014	RAL 3015
RAL 3016	RAL 3017	RAL 4005	RAL 4006	RAL 4007	RAL 4008	RAL 4009	RAL 4010	RAL 5000	RAL 5001
RAL 5002	RAL 5009	RAL 5010	RAL 5011	RAL 5012	RAL 5013	RAL 5014	RAL 5015	RAL 5017	RAL 5018
RAL 5019	RAL 5020	RAL 5021	RAL 5022	RAL 5023	RAL 5024	RAL 6000	RAL 6001	RAL 6002	RAL 6003
RAL 6004	RAL 6005	RAL 6006	RAL 6007	RAL 6008	RAL 6009	RAL 6010	RAL 6011	RAL 6012	RAL 6013
RAL 6014	RAL 6015	RAL 6016	RAL 6017	RAL 6018	RAL 6019	RAL 6020	RAL 6021	RAL 6022	RAL 6024
RAL 6025	RAL 6026	RAL 6027	RAL 6028	RAL 6029	RAL 6032	RAL 6033	RAL 6034	RAL 7000	RAL 7001
RAL 7002	RAL 7003	RAL 7004	RAL 7005	RAL 7006	RAL 7008	RAL 7009	RAL 7010	RAL 7011	RAL 7012
RAL 7013	RAL 7015	RAL 7016	RAL 7021	RAL 7022	RAL 7023	RAL 7024	RAL 7026	RAL 7030	RAL 7031
RAL 7032	RAL 7033	RAL 7034	RAL 7035	RAL 7036	RAL 7037	RAL 7038	RAL 7039	RAL 7040	RAL 7042
RAL 7043	RAL 7044	RAL 7045	RAL 7046	RAL 7047	RAL 8000	RAL 8001	RAL 8002	RAL 8003	RAL 8004
RAL 8007	RAL 8008	RAL 8011	RAL 8012	RAL 8014	RAL 8015	RAL 8016	RAL 8017	RAL 8019	RAL 8022
RAL 8023	RAL 8024	RAL 8025	RAL 8028	RAL 9001	RAL 9002	RAL 9003	RAL 9004	RAL 9005	RAL 9010
RAL 9011	RAL 9016	RAL 9017	RAL 9018	RAL 9006	RAL 9007	RAL 1035	RAL 1036	RAL 2013	RAL 4011
RAL 4012	RAL 5025	RAL 5026	RAL 6035	RAL 6036	RAL 7048	RAL 8029	RAL 9022	RAL 9023	

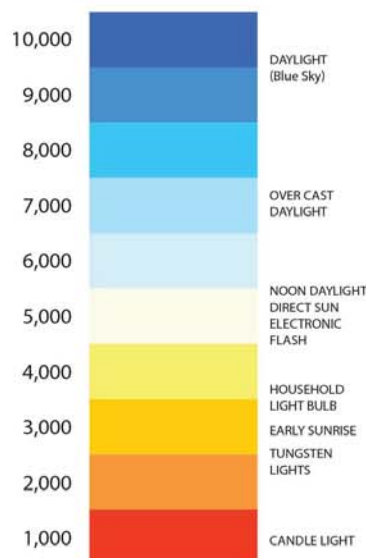


Color Correlated Temperature Chart

This measure of how "warm" or "cool" a light seems. A low CCT --below 3100K-- is a warm white light and below 3000K is considered ultra-warm white. The measurement of CCT is expressed in Kelvin (K). The reason this measurement is called a "temperature" is because it was derived from theoretical object called a "black body radiator". When the radiator is heated, it changes from black to red to yellow to white to blue. The lower the Kelvin rating, the "warmer" or more yellow the light. The higher rating, the "cooler" or more blue the light. Most lighting Kelvin temperature from 2000K to 6400K.



COLOR TEMPERATURE CHART IN KELVINS



Protection Class Description

In agreement with the norm EN 60598-1, the luminaires are classified according to the derived protection of its constructive elements. The nomenclature comes symbolised by the letters IP followed of three figures, although the two first ones are indicated.

IP 30 1st figure

Protection of the material against the filtration of solid elements and dust, as well as to the people in respect to the tension of the components of the luminaire.

0 - Not protected.

- 1 - Protection against solid bodies bigger than 50 mm.
- 2 - Protection against solid bodies bigger than 12 mm.
- 3 - Protection against solid bodies bigger than 2.50 mm.
- 4 - Protection against solid bodies bigger than 1 mm.
- 5 - Protection against the dust.
- 6 - Complete protection against the dust.

IP 30 2nd figure

Protection of the material to the penetration of liquid

0 - Not protected.

- 1 - Protected against steady dripping.
- 2 - Protected against falling water to a maximum 15°.
- 3 - Protected against rain.
- 4 - Protected against sprays.
- 5 - Protected against water jets.
- 6 - Protected against waves.
- 7 - Water-tight immersion.
- 8 - Water-tight against immersion.

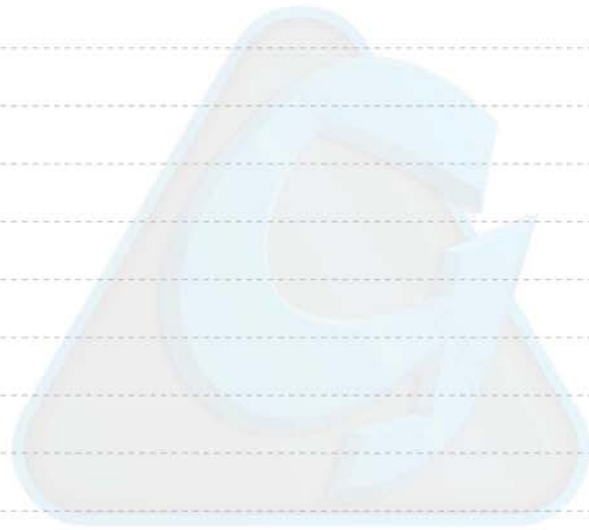
IK 09 IK code

Code system which indicates the degree of protection given by a body and the protector against harmful mechanic impacts.

IK Code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact Energy (J)	★	0.15	0.2	0.35	0.5	0.7	1	2	5	10	20

*Not protected

NOTE



GENESIS
ELECTRICAL SDN BHD



Company No : 1108975-K

GENESIS ELECTRIC SDN BHD

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