



Radiantgreen
Light For Future



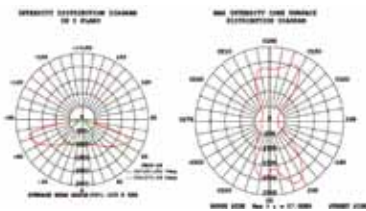
LED STREET LIGHT



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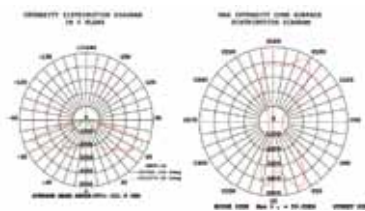
● RG-LS 70GY

○ Photometric Curve



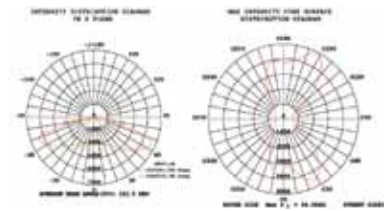
● RG-LS 100GY

○ Photometric Curve



● RG-LS 150GY

○ Photometric Curve



Specifications

Model	RG-LS 70GY	RG-LS 100GY	RG-LS 150GY
Working Voltage	AC90-295V	AC90-305V	220V AC
Working Frequency	50/60Hz	50/60Hz	50/60Hz
Total Power	70W	100W	150W
LED Power	63W	88W	135W
Power Factor	0.95	0.95	0.95
Power Efficiency	88%	88%	88%
Output Current Accuracy	±5%	±5%	±5%
Voltage Ripple	150mVp-p	150mVp-p	150mVp-p
Single LED Luminous Efficiency	≥ 130 Lm/W	≥ 93 Lm/W	≥ 93 Lm/W
Lamp Initial Luminous Efficiency	≥ 6072Lm (Tj=25)	≥ 9560Lm (Tj=25)	≥ 14280Lm (Tj=25_)
Lamp's Efficiency	≥ 90%	≥ 88%	≥ 88%
Color Rendering Index	≥ 70	≥ 70	≥ 70
Illumination Rage	(Lamp Height 6m): 20x7m (Lamp Height 8m): 25x9m (Lamp Height 10m): 32x12m (Lamp Height 12m): 36x15m	(Lamp Height 6m): 20x7m (Lamp Height 8m): 25x9m (Lamp Height 10m): 32x12m (Lamp Height 12m): 36x15m	(Lamp Height 6m): 20x7m (Lamp Height 8m): 25x9m (Lamp Height 10m): 32x12m (Lamp Height 12m): 36x15m
Color Temperature	5000K - 5500K	5000K - 5500K	5000K - 5500K
Working Temperature	-30°C - 60°C	-30°C - 60°C	-30°C - 60°C
Storage Temperature	-25°C - 55°C	-25°C - 55°C	-25°C - 55
Working Humidity	10%-90-%	10%-90-%	10%-90-%
Materials	Aluminum, PC Optical Lens, Heat-proof Silicone Sealing Strip	Aluminum, PC Optical Lens, Heat-proof Silicone Sealing Strip	Aluminum, PC Optical Lens, Heat-proof Silicone Sealing Strip
Lifespan	45000 Hours	45000 Hours	45000 Hours
IP Rate	IP65	IP65	IP65



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