



Applications

- Business Park
- Parking Lot
- Walkway
- Village

Certification

- KC
- UL
- FCC
- EE
- SABS

Description

Ensured Long Life and Excellent Cooling Structure
Excellent Light Distribution and Uniformity
Cutoff Optics

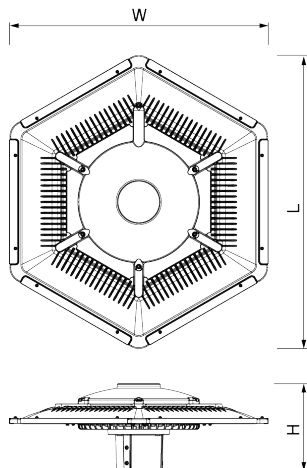
Specifications

Model Name		NM100	
Power Consumption		100W	
Light Source		0.2W Mid Power LED Chips (Qty : 480 pcs)	
Correlated Color Temperature		5000K (4000K / 5700K available)	
Luminous Flux *		9,500 lm	
Luminous Efficacy *		95 lm/W	
LED Driving Current		66.7 mA	
Color Rendering Index		80 Ra	
Light Distribution		150°	
BUG Rating		B3 – UX – G3 (Backlight – Uplight – Glare)	
LED Chip Manufacturer		SAMSUNG	
Input Voltage		100 ~ 277 Vac	100 ~ 240 Vac
Input Current		Max. 1.25A (@100Vac)	
Power Factor		≥0.9 at Max load	
Frequency		50 / 60 Hz	
Surge Protection		Line-Line 2KV, Line-FG 4KV	
Driver Type		Constant Current (CC)	
Fixture & Driver Manufacturer		KMW INC. / Made in Korea	
Size (W x L x H)	None	19.8 x 22.4 x 6.6 (inch)	502.0 x 567.6 x 168.5 (mm)
	Photo Sensor	19.8 x 22.4 x 8.7 (inch)	502.0 x 567.6 x 220.6 (mm)
Weight (Driver included)		16.1 lb	7.3 Kg
Material	Body	Cast Aluminum	
	Optic	Silver Reflector	
	Cover	Polycarbonate 3.0T (Diffuser)	
Finish		Powder Coating	
IP Rating		IP65	
Mounting Option		Pole Mount (Post Top)	
Mount Hole		Pipe Applied Ø2.88 inch	Pipe Applied Ø73.0 mm
Operating Temperature		-22°F ~ 140°F	-30°C ~ 60°C
Life Time		50,000 Hours (@77°F / 25°C)	
Warranty		5 Years (12 hours usage per day)	

*Tolerance : ± 5%

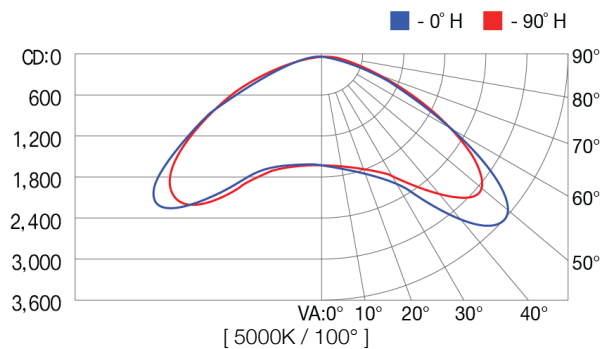
Option

Control System	Sensor (NEMA Photo)
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Photometry

See photometric .ies files for details.



Control Specification (Optional)

Photo Sensor (NEMA)

Type	CdS Photocell
Material	UV Stabilized Polycarbonate Cover & Clear Window
On-Off Levels	10~20 lx (Dusk) : 30~60 lx (Dawn)
Ambient Temperature	-40°C ~ 70°C
Relative Humidity	95%
Power Consumption	Max. 1.5Vac
IP Rate	IP65
Electrical Life	6000 Cycles