

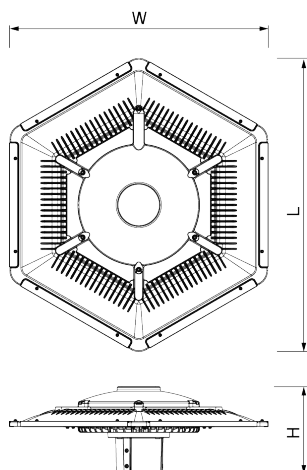


Applications

Business Park
Parking Lot
Walkway
Village

Certification

KC
UL
FCC
EE
SABS



Description

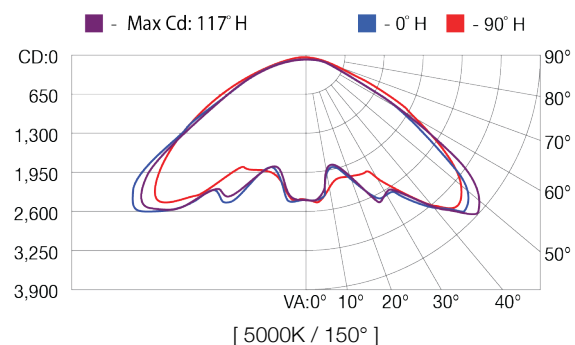
Ensured Long Life and Excellent Cooling Structure
Excellent Light Distribution and Uniformity
Cutoff Optics

Specifications

Model Name		NM100	
Power Consumption		100W	
Light Source		0.2W Mid Power LED Chips	
Correlated Color Temperature		5000K (4000K / 5700K available)	
Luminous Flux		Min. 9, 500 lm	
Luminous Efficacy		Min. 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 ~ 240 Vac	100 ~ 277 Vac
Input Current		Max. 1.25A (@100Vac)	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	19.76 x 22.35 x 6.63 (inch)	502.0 x 567.6 x 168.5 (mm)
	Photo Sensor	19.76 x 22.35 x 8.68 (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		IP66	
Mounting Option		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)	
Option			
Control System		Sensor (NEMA Photo)	

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

Ordering Information

Order Code Usage : NM100-A50YG1A15

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	Power Consumption		Input Voltage	CCT (K)	Photo Sensor (NEMA)	Fixture Color	AC Cable Length
NM	050=50W 070=70W 100=100W 130=130W		A=100~277V B=100~240V	40=4000K 50=5000K 57=5700K	Y=Yes N=No	G1=Gray Powder	A15=1.5M