

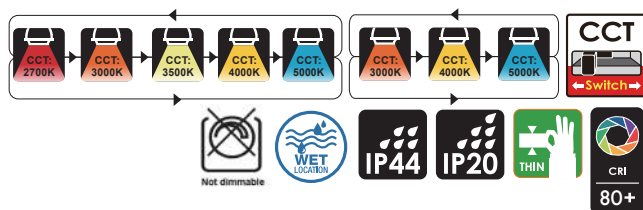
Project : _____

Type : _____

Drawn by : _____

Catalogue No. : _____

Date : _____



Specifications

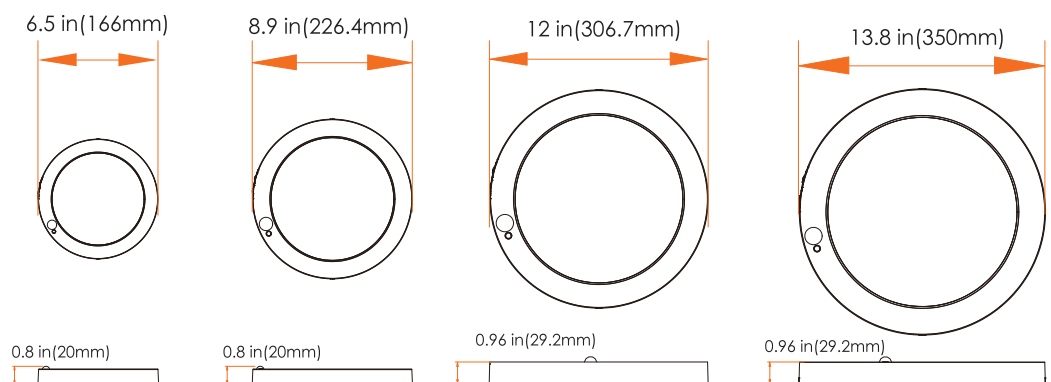
Model No.		HM07-PR7-12W120-3CCT-MS-SA	HM07-PR9-18W120-3CCT-MS-SA	HM20-PR12-24W120-5CCT-G-WSA	HM20-PR14-28W120-5CCT-G-WSA
General	Size	Ø6.5"	Ø8.9"	Ø12"	Ø13.8"
	Watts	12W	18W	24W	28W
	Lumen	960 LM	1440 LM	1920 LM	2240 LM
	CCT	3000K/4000K/5000K	3000K/4000K/5000K	2700K/3000K/3500K/4000K/5000K	2700K/3000K/3500K/4000K/5000K
	Volts	120V	120V	120V	120V
	CRI	>80	>80	>80	>80
	Beam Angel	120°	120°	120°	120°
	Hours Rated	50000 hours	50000 hours	50000 hours	50000 hours
	Min Compartment Size	Ø6.5"x0.8"	Ø8.9"x0.8"	Ø12"x0.96"	Ø13.8"x0.96"
Electrical	Operating Frequency	60Hz	60Hz	60Hz	60Hz
	Power Factor	>0.9	>0.9	>0.9	>0.9
	Operating Position	Both Horizontal&Vertical	Both Horizontal&Vertical	Both Horizontal&Vertical	Both Horizontal&Vertical
	Surge Protection	Built-in surge protection-2.5KV	Built-in surge protection-2.5KV	Built-in surge protection-2.5KV	Built-in surge protection-2.5KV
	Operating Temperature	-20°C /-4°F to 40°C/104°F	-20°C /-4°F to 40°C/104°F	-20°C /-4°F to 40°C/104°F	-20°C /-4°F to 40°C/104°F
Physical	Lens Material	PMMA	PMMA	PMMA	PMMA
	Housing Color	White	White	White	White
	Weight (Kg)	0.35	0.6	0.85	1.2
Additional Information	Additional Info	3 way CCT	3 way CCT	5 way CCT	5 ay CCT
	Warranty	5 years	5 years	5 years	5 years
Compliance	Safety Listing	CETLus-Listed	CETLus-Listed	CETLus-Listed	CETLus-Listed
	Location Rating	Damp location	Damp location	Wet location	Wet location
	Energy Star	No	No	No	No
	DLC Approved	No	No	No	No
	DLC ID	No	No	No	No

Features & Specifications

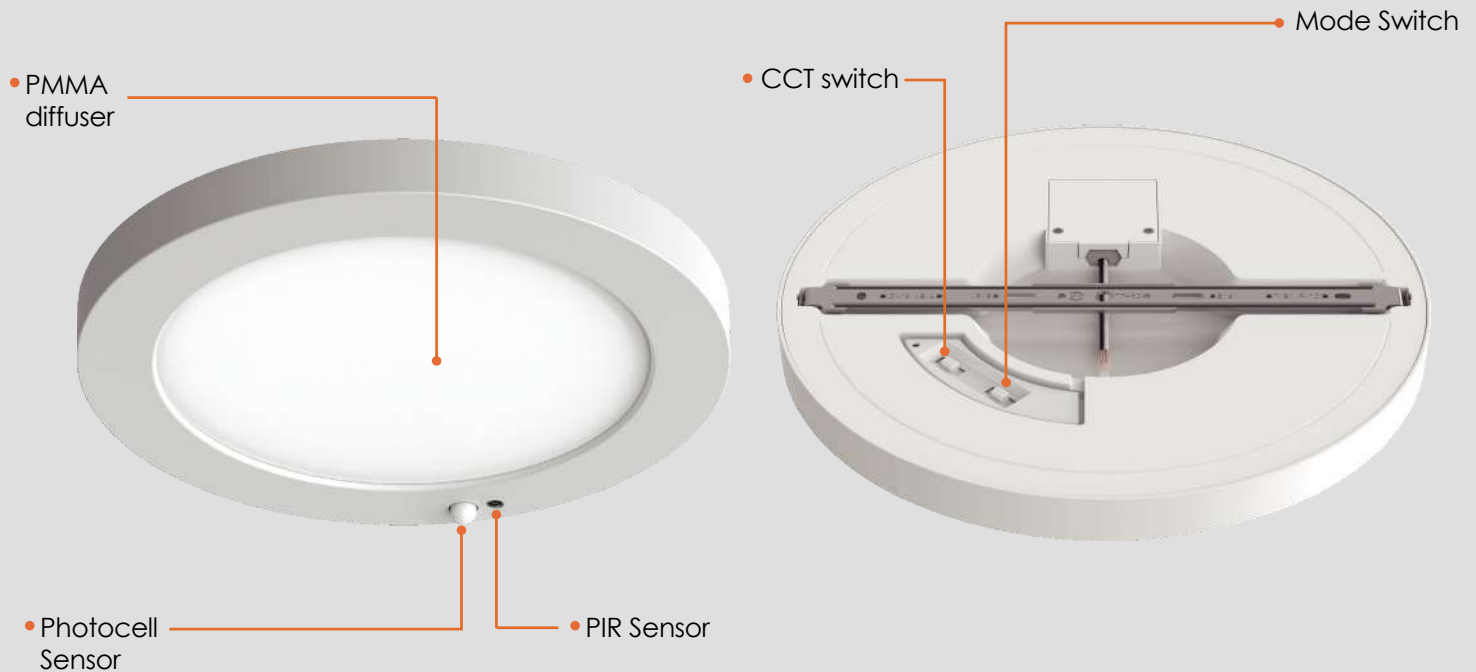
Construction	- Plastic Housing with PMMA lens - Multiple LED array for uniform illumination - CCT switches and Mode switches are placed discrately on the back
	- Easy installation for remodel or new construction applications With 3000K/4000K/5000K 3CCT or 2700K/3000K/3500K/4000K/5000K 5CCT selectable - PIR with Photocell Sensor
Mounting	
Performance Data	- Available in 3CCT & 5CCT selectable color temperature 80+ CRI - Electrical ratings: 120v - Estimated life of over 100 000 hours to L70 - Non-Dimmable 2.5kV surge protection (standard) - Operating temperature: -20°C /-4°F to 40°C/104°F
	- ETL certified for damp locations - 12W/18W, wet location - 24W/28W - IP20 - 12W/18W - IP44 - 24W/28W
Compliances	

Dimensions & Weights

Model	HM07-PR7-12W120-3CCT-MS-SA	HM07-PR9-18W120-3CCT-MS-SA	HM20-PR12-24W120-5CCT-G-WSA	HM20-PR14-28W120-5CCT-G-WSA
Diameter in.(cm)	6.5 in	8.9 in	12 in	13.8 in
Height in. (cm)	0.8 in	0.8 in	0.96 in	0.96 in
Net weight (lbs)	0.77	1.32	1.87	2.65



Product Details



PIR Sensor

Part Number	Technology	Height (ft)	DetectionArea (M)	Time setting (Min)	IP rating	Temperature (°C)
PIR Sensor	Pyroelectric infrared Sensor (PIR)	9.85ft is recommended	distance within 3-5M degree 110°	Time setting 30S	IP65	-30°C~+40°C (-40°F~+104°F)
Part Number	Technology	Light control (Lux)	Day Mode	Night Mode		
Photocell	Photoelectric sensor	light on when lux under 10lux light off when lux under 10lux	The fixture will turn on when motion is detected, regardless of the presence of natural light	When the room is illuminated with natural light, the fixture will not turn on when someone enters the room.	When no natural light is detected, the fixture will turn on when someone enters the room.	

NOTE : PIR sensor with photocell controls light on and off. When photocell (Mode button) is set to Day mode, the fixture will turn on when motion is detected, regardless of the presence of natural light.
When photocell (Mode button) is set to night mode, the fixture will turn on when lux under 10lux.
PIR detection range can reach 9.85-16.4ft at 9.85ft height installation.

DEFAULT SETTING :

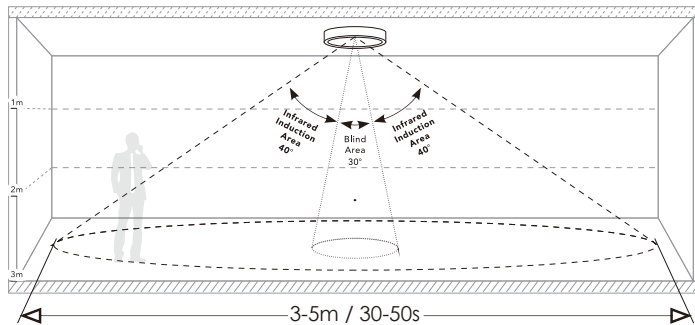
Brightness : 100%

Hold Time: 30S

Daylight: Day Mode

Detection distance:

Sketch Map of Human Infrared Induction Area



Lumen Details

Model No.:	Watts (W)	2700K		3000K		3500K		4000K		5000K	
		Lumen Output (LM)	Efficiency (LM/W)	Lumen Output (LM)	Efficiency (LM/W)	Lumen Output (LM)	Efficiency (LM/W)	Lumen Output (LM)	Efficiency (LM/W)	Lumen Output (LM)	Efficiency (LM/W)
HM07-PR7-12W120-3CCT-MS-SA	12W	840LM	70	864LM	72	900LM	75	960LM	80	936LM	78
HM07-PR9-18W120-3CCT-MS-SA	18W	1260LM	70	1296LM	72	1350LM	75	1440LM	80	1404LM	78
HM20-PR12-24W120-5CCT-G-WSA	24W	1680LM	70	1728LM	72	1800LM	75	1920LM	80	1872LM	78
HM20-PR14-28W120-5CCT-G-WSA	28W	1960LM	70	2016LM	72	2100LM	75	2240LM	80	2184LM	78



Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Votatec customer service representative to confirm inventory levels at time of order

