

PROJECT NAME	
CATALOG NO.	
FIXTURE SCHEDULE	
COMMENTS	

FEATURES

World's first patented designed module type plug & play Zigbee add-on sensor and sensor embedded luminaire. User can easily scale from a standard fixture to a smart light fixture in 3 seconds.



3 Seconds Easily Plug-in



Wireless Mesh Network Control Smart LED High Bay Light



- CCT options: 3000K, 4000K, 5000K
- Input Voltage: 120-277VAC (249-528VAC optional)
- CRI: 73+ (80+ Optional)
- 145lm/w-standard (170lm/w optional)
- Operating frequency: 50/60Hz
- Power Factor: >0.95
- Operation Temp.: -40~50°C/-40~122°F
- Beam Angle: 60°, 90°, 120°, Aisle Optic 50x100°, Dome Lens (60/90/120° Custom Optical)
- Control Options: DALI, ZigBee, Bluetooth, Daylight Sensor, Motion Sensor, 1-10V Dimming
- Finishing Color: Black, Silver, White, Custom Color
- LED Lifespan: 100,000 hours
- 10-Year Limited Warranty Optional (5-Year Limited Warranty Standard)

SPECIFICATIONS

MODEL	WATT (W)	LUMEN RATING	LUMEN (LM)	LUMEN (LM/W)	CRI	PF	VOLTAGE (V)	CCT (K)	BEAM ANGLE	IP	PHOTOCELL & MOTION SENSOR	DIMMING
OMA10-SHB-75	75	Optional Standard	12750 10800	170 145	>73	>0.95	120-277	3000/4000/5000	60/90/120°, Aisle Optic 50x100°, Dome Lens	65	Optional	Optional
OMA10-SHB-100	100	Optional Standard	17000 14500	170 145	>73	>0.95	120-277	3000/4000/5000	60/90/120°, Aisle Optic 50x100°, Dome Lens	65	Optional	Optional
OMA10-SHB-120	120	Optional Standard	20400 17400	170 145	>73	>0.95	120-277	3000/4000/5000	60/90/120°, Aisle Optic 50x100°, Dome Lens	65	Optional	Optional
OMA10-SHB-145	145	Optional Standard	24650 21000	170 145	>73	>0.95	120-277	3000/4000/5000	60/90/120°, Aisle Optic 50x100°, Dome Lens	65	Optional	Optional
OMA10-SHB-190	190	Optional Standard	32000 27500	170 145	>73	>0.95	120-277	3000/4000/5000	60/90/120°, Aisle Optic 50x100°, Dome Lens	65	Optional	Optional
OMA10-SHB-240	240	Optional Standard	40800 34500	170 145	>73	>0.95	120-277	3000/4000/5000	60/90/120°, Aisle Optic 50x100°, Dome Lens	65	Optional	Optional
OMA10-SHB-300	300	Optional Standard	50000 43500	170 145	>73	>0.95	120-277	3000/4000/5000	60/90/120°, Aisle Optic 50x100°, Dome Lens	65	Optional	Optional

APP, NETWORK CONTROL



Lights in multiple locations can be controlled from wireless devices such as mobile phones and tablets.
(IOS/Android System)



OCCUPANCY SENSING
Typically Saves: 15-55%

No one needs light in empty spaces. Turning lights off or dimming when no one is there to use them is an obvious and easy way to save energy



DAYLIGHT HARVESTING
Typically Saves: 15-45%

Get more from your Daylighting. Daylight Harvesting automatically regulates the use of electric lighting in response to the amount of daily available make sure you use only what you need.



AUTO SCHEDULING
Typically Saves: 10-40%

Tell the Smart High Bay when to illuminate a zone and it will take care of the rest with auto-adjustments based on your time zone. Update schedules right from your smartphone



LOAD SHEDDING
Typically Saves: 15-45%

Load-shedding, or temporarily reducing the load of a system to avoid energy costs when they're at their highest



TASK TUNING
Typically Saves: 5-15%

Programming the output of an individual or group of luminaires to the level that provides just the right amount of for the space, task or area.



ZONING & GROUP CONTROL
Typically Saves: 5-20%

Group luminaires and form unique lighting control zones for a control strategy via software-defined means not via electrical installation details (e.g. wiring).

Field Installable Uplight Kit
eliminates dark ceilings and corners (Optional)



App Control



Plug & Play



Zigbee mesh Network Control



On/Off Control



Daylight Sensor



Remote Control Setting



10-15m High Altitude

WIRELESS DAYLIGHT SENSOR

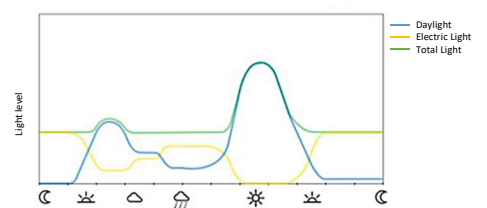
Daylight harvesting automatically regulates the use of electric lighting in response to the amount of daylight available. Make sure you use only what you need.



Night: Same brightness for all area



Day: Lower brightness on the windows side

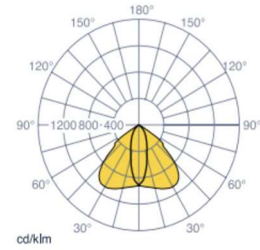
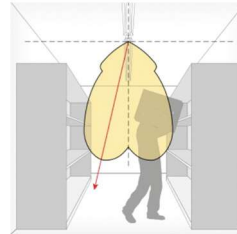


Automatic dimming -On-demand lighting

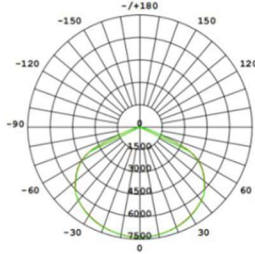
VARIOUS OPTICS

AISLE OPTIC

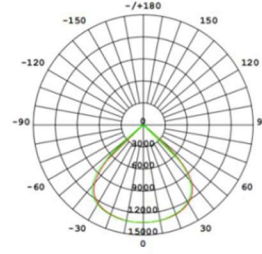
Suitable for storage spaces, warehouses or Retail with narrow spaces between the racks



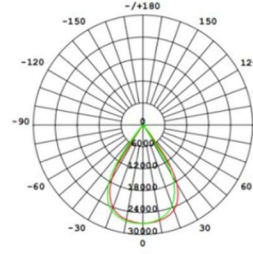
Wide, Medium, Narrow Optics and Dome Lens options offer versatility



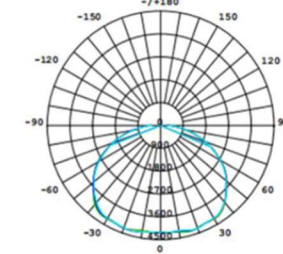
120° Wide Angle for Factory/Gymnasiums/ Athletic Center



90° Medium Angle for Large Open Areas



60° Narrow Angle for Highly installed areas or Narrow Areas

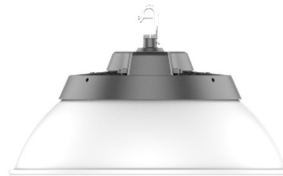


Dome lens

Different applications, different choices



High Bay with PC lens



High Bay with Aluminum reflector



High Bay with prismatic reflector and drop lens

VARIOUS MOUNTING OPTIONS for easy installation

Hook Mount	Adjustable Bracket	Steel Rope Pendant Mount	Indirect Mount	NPT Pipe Mount	Pole Mount as Post Top Light

ACCESSORY OPTIONS



MODEL INSTRUCTIONS (Example: OMA2-SHB-12090D5KWHUBTMS)

MODEL	WATTAGE	BEAM ANGLE	CCT	FINISH	VOLTAGE	MOUNT	OPTIONS
OMA10-SHB	75=75W 100=100W 120=120W 145=145W 190=190W 240=240W 300=300W	60D=60° 90D=90° 120D=120° 5010D=50x100° DM=Dome Lens CO=Custom Optical	3K=3000K 4K=4000K 5K=5000K	BK=Black SV=Silver WH=White CC=Custom Color	U=120-277V Standard HV=249-528V (Optional)	H=Hook (1/2"NPT) Standard BT=Bracket SR=Steel Rope NC=3/4" NPT=Converter	N=None Standard MS=Motion Sensor DS=Daylight Sensor ZG=ZigBee Control DM=1-10V Dimming DA=Dali Control UP=Up Light



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