

Marcato

Tailored Lighting, Unmatched Versatility

The Marcato is a versatile lighting fixture designed to meet a variety of customer needs. With 12 adjustable wattage and color temperature combinations, it's perfect for use in warehouses, retail spaces, lobbies, and exhibition halls. It also supports easy plug-in sensors for smart energy-saving control, addressing the growing demand for intelligent energy solutions. Additionally, equipped with an emergency lighting driver, the Marcato can double as an emergency light, making it a highly adaptable solution for diverse applications.



75W/ 90W/ 102W/ 135W

www.deltaww.com



One Luminaire, Infinite Possibilities

With 12 customizable wattage and color temperature combinations, Marcato provides flexibility for our clients to avoiding the hassle of multitype luminarie storage. Marcato represents the less stock cost and more various applications.

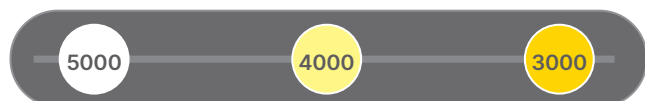


Power & CCT Tunable

Twelve Combinations



Power (W)



CCT (K)

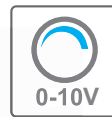


Product Features

- Power and CCT Tunable: Adjustable power levels and correlated color temperature (CCT) to suit various lighting needs and preferences
- DLC Premium Listed: Meets the highest standards for performance and efficiency
- Wet Location Rated: Designed for durability and safety in wet environments
- Sensor Expansion Port: Includes an expansion port for seamless sensor integration.
- Sensor Kits: Available with PIR sensors for improved energy efficiency
- Mounting Options: Compatible with both surface mount and pendant mount kits
- Accessories: Select clear or white reflectors for optimal performance



RoHS



DIMMING



IP RATING



Emergency LED Driver optional

- EM options are wired for switched emergency mode (lights can be turned off without going into emergency mode)
- For wiring to the led driver's AC input
- High output voltage
- Constant output power

Easy Sensor Integration

Marcato features an innovative expansion port that enables effortless installation of PIR sensors. With its simple screw-in design, no additional tools are needed, making the installation process quick and easy. These sensors can be configured to adjust brightness and hold time, providing enhanced energy savings and cost efficiency. An optional remote is available for even greater control flexibility.



REMOTE CONTROL



PIR SENSOR



DIMMING



DAYLIGHT HARVESTING

Accessories



Clear reflector



White reflector



PIR sensor

12Vdc input, IP65 rating,
max detect height is 49.21 ft.



Remote controller

For motion sensor and PIR sensor



Emergency driver



**±90° adjustable bracket,
Fixed on heatsink**

SPCC materials with outdoor powder coating



Safety rope

304 stainless steel, 2.62 ft optional.

Parameters

Model No.	HB Series
Lumen Output	12700 ~ 24300 lm
Input Voltage	AC 120-277V
Power	75W-90W-102W-135W(Selectable)
Efficacy (lm/W)	Up to 185
CRI	≥ Ra 80
CCT	3000K-4000K-5000K (Selectable)
Power Factor	0.9
Optics	60° / 90° / 115°
Operating Temperature	-30°C ~ 40°C
Mounting	Hook Mount / Pendant Mount
IP Rating	IP65 (Without junctionbox)
Weight	7.1 lbs (3.2 kg)
Remark	The lumen output and efficacy values are given for CCT 4000K, 115°beam angle, 220V. Refer to Delivered Lumens & Electrical Data for specific lumen values.

Delivered Lumens

lm VS PinW without reflector (90°/115°)

Pin W	4000K		3000K		5000K	
	lm	lm/W	lm	lm/W	lm	lm/W
135	24300	180	23000	170	24000	178
102	18600	182	17400	171	18400	180
90	16600	184	15750	175	16200	180
75	13850	185	13200	176	13600	181

lm VS PinW without reflector (60°)

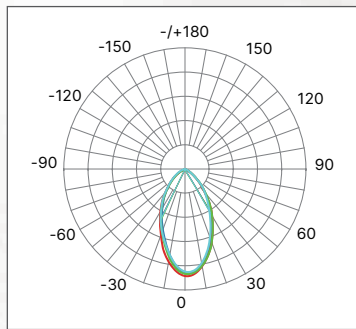
Pin W	4000K		3000K		5000K	
	lm	lm/W	lm	lm/W	lm	lm/W
135	23600	175	22200	164	22900	170
102	18100	177	17100	167	17600	172
90	16100	179	15200	168	15700	174
75	13500	180	12700	169	13160	175

Output lumens & lm/W@25°C are calculated.

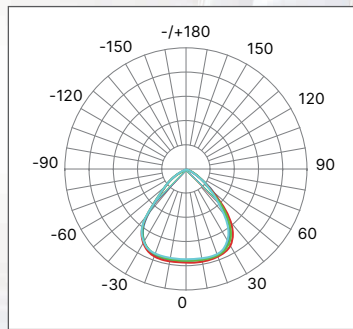
Actual production yield may vary between -10 and +10% of initial delivered lumens.

The lm loss with reflector: Clear reflector lm loss 1% ,white reflector lm loss 3%.

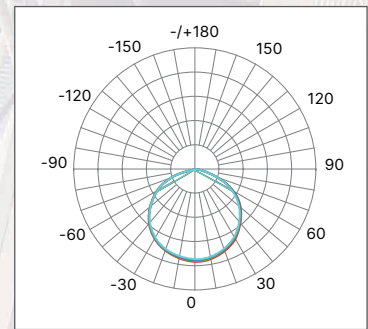
Photometric Diagrams



60°

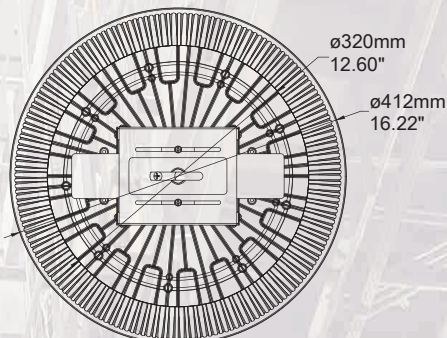
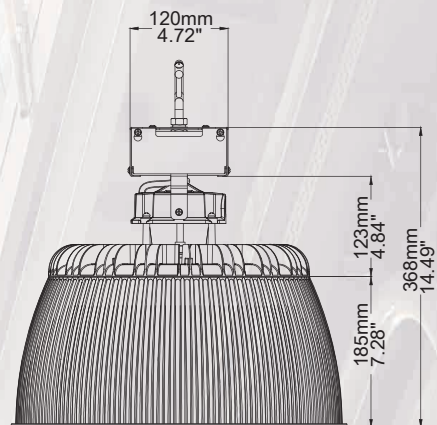
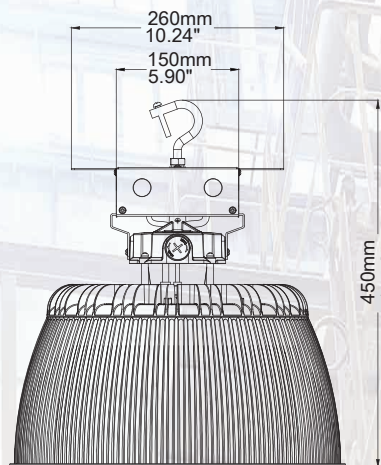
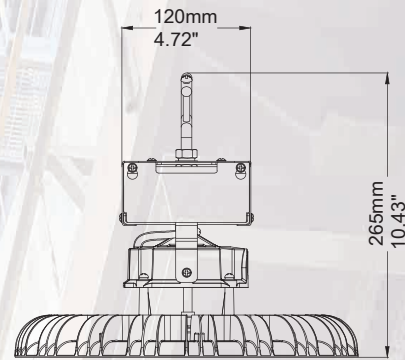
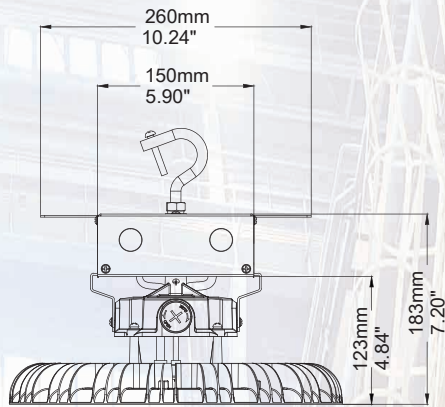


90°



115°

Dimension (mm/inch)





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