A high performance LED high bay luminaire designed specifically to replace conventional sodium and metal halide lighting in a wide variety of industrial applications, both indoor and outdoor. With a low profile light weight design and versatile mounting options it is ideal for many applications such as high and low bay lighting, warehouse, factories, cold stores, exhibition halls, restricted access areas and service areas.

The luminaire is designed to meet the most demanding specification criteria while offering maximum energy savings, reduced maintenance costs, and a superior quality of light. Hazardous versions are also available.

150W LED High Bay

Certifications & Ratings:

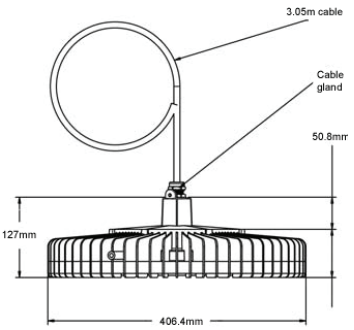
- CE - Compliant with EN 55015-2006 & EN 61547
- IP66 - Suitable for use out doors

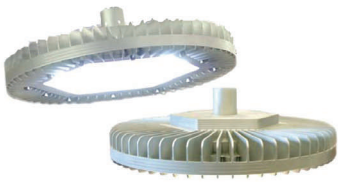
Features & Benefits:

- Low power consumption
- Instant on/off operation
- Superior colour rendition index compared to HPS, LPS, MV
- Mercury free
- Resistant to shock and vibration
- No heat or UV
- 77lm/w（LM-79）certified
- Temperature compensation
- technology for longer life
- >80% lumen maintenance after 60,000 operating hours
- Copper free aluminium

Technical Specification

Product Code	150W LED High bay
Power Consumption	150 Watts max. (Total system), typically <140Watts
Input Voltage	100-277 VAC
Power Factor	>0.9
Surge/Lighting Protection	1kV line to line, 2kV line to ground
Input Frequency	50/60Hz
Total Harmonic Distortion	<5% @100VAC , <10% @ 230/240VAC, <12% @ 277VAC
Harmonics	IEC61000-3-2
LED Colour	Cool White (Standard)
Colour Temperature	6000 K
Colour Rendition Index (CRI)	Ra>70
LED Rated life span	80% lumen maintenance @ 60,000 Hours
Operating Temperature	-40°C to + 65°C
Working Humidity	0 ~ 95%
Turn on time	Instantaneous, no restrike delay
Physical Dimensions (mm)	406 x 126
Material	Cast Aluminium body with Acrylic or Polycarbonate lens
Net Weight	7.7 Kg
Mounting	Hook or bracket options
Ingress Protection Rating (IP)	IP66
Certification	RoHS, CE, EMC
Warranty	5 Years





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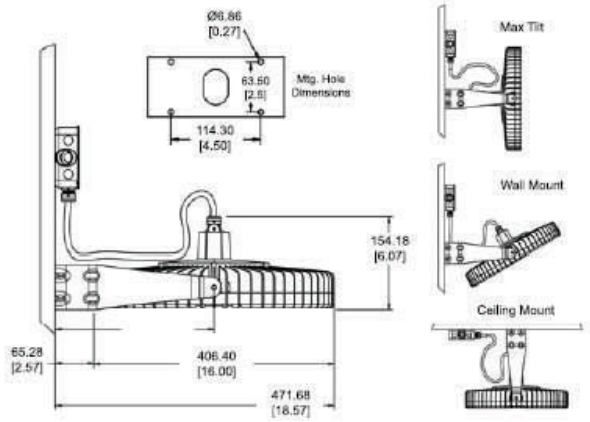
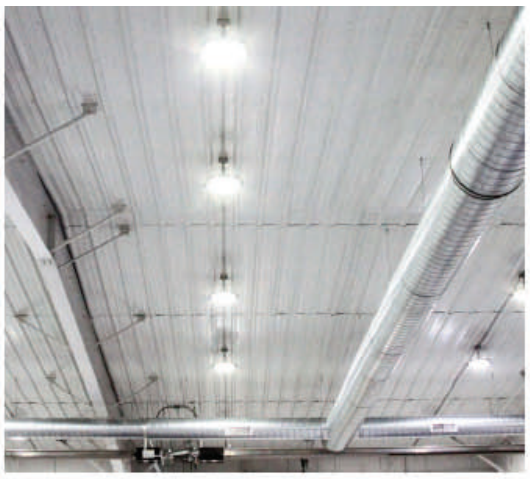
Product Configurations

Lens type	Optic	LED Colour	Initial Lumens
Clear Acrylic	Narrow circular	Cool white	11,600
Clear Acrylic	Narrow circular	Cool white	10,600
Diffused Acrylic	Narrow circular	Cool white	7,800
Clear Polycarbonate	Narrow circular	Cool white	10,800
Clear Polycarbonate	Narrow circular	Cool white	10,000

Optional Swivel Bracket and Cable Gland





Measurement Data (for 10,800lm Clear Polycarbonate lens)

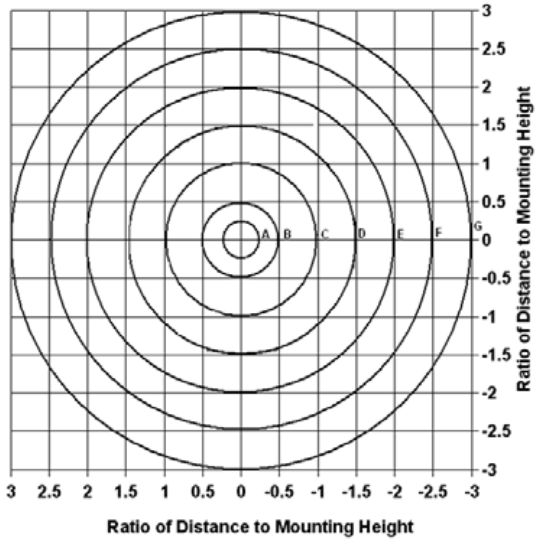
Illuminance for Night and Low Ambent Light Level Conditions (Photopic

Mounting Height (m)	A	B	C	D	E	F	G
2.5	562.95	424.10	241.11	80.73	21.53	8.61	3.23
3.5	250.20	188.49	107.16	35.88	9.57	3.83	1.44
5	140.74	106.02	60.28	20.18	5.38	2.15	0.81
6	90.07	67.86	38.58	12.92	3.44	1.38	0.52
7.5	57.65	43.43	24.69	8.27	2.20	0.88	0.33
9	40.03	30.16	17.15	5.74	1.53	0.61	0.23
12	22.52	16.96	9.64	3.23	0.86	0.34	0.13

Illuminance for Night and Low Ambent Light Level Conditions (Photopic

Mounting Height (m)	A	B	C	D	E	F	G
2.5	1283.53	966.94	549.73	184.06	49.08	19.63	7.36
3.5	570.46	429.75	244.33	81.81	21.81	8.73	3.27
5	320.88	241.74	137.43	46.02	12.27	4.91	1.84
6	205.37	154.71	87.96	29.45	7.85	3.14	1.18
7.5	131.43	99.02	56.29	18.85	5.03	2.01	0.75
9	91.27	68.76	39.09	13.09	3.49	1.40	0.52
12	51.34	38.68	21.99	7.36	1.96	0.79	0.29

Illuminance Chart



Typical example of 30m x 30m room with 9m mounting height*	
Number of luminaires	Average lux at ground level
9	81
16	144
20	183

* Ceiling Reflectance = 0.8
Wall Reflectance=0.5
Floor Reflectance=0.2

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