



RH701 ROUND HIGH BAY

RH701 is a premium LED high bay fixture designed for high-ceiling environments demanding performance, durability, and energy efficiency. With efficacy up to 160 lm/W and multiple beam angle options (30°, 60°, 90°, 120°), RH701 is ideal for industrial and commercial applications. Its robust aluminum housing, IP65 protection, and optional smart controls (motion, daylight, Zigbee) make it suitable for indoor and outdoor use. Available from 100W to 200W, RH701 ensures optimal performance in various mounting configurations.

APPLICATIONS

- Warehouses
- Factories
- Industrial Facilities
- Chemical Facilities
- Exhibition Centers
- Shopping Malls
- Stadiums

FEATURES

- 160 lm/W efficiency
- Replaceable optics (30°, 60°, 90°, 120°)
- UGR<19 available
- Multiple mounting options
- Optional white/black housing

CERTIFICATION



Product	
Catalog No.	
Fixture Type	Notes

SPECIFICATION SUMMARY

Category	Specification	Data
Category Performance	Wattage	50/70/90/100/120/150/200/240/300W
	Delivered Lumens	7,000~ 45,000lm
	Lumen Efficacy	140~160lm/W
	Color Temperature	4000K / 5000K (Optional)
	CRI (Ra)	70+ / 80+
Electrical	Input Voltage	AC120-277V
	Dimming	1-10V
	Power Factor	>0.92
Physical	Housing	Aluminum Alloy
	Beam Angle	30°, 60°, 90°, 120°
	Operation Temperature	-22°F to 122°F
	IP Rating	IP65
	IK Rating	IK08, IK10
	Mounting Options	Chain / U-Bracket / Pipe / Pole
	Dimensions	100~150W: Ø15.1" × 7.2" 200W: 15.1" × 7.9"

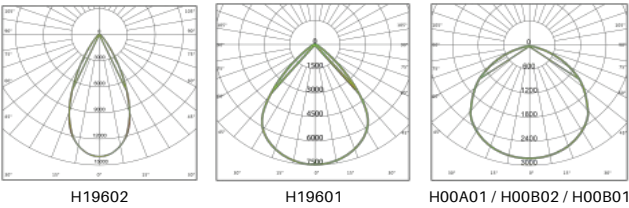
LIFESPAN AND WARRANTY

Rated Life	50,000 Hrs
Warranty	5 Years
Certification	UL, DLC Premium

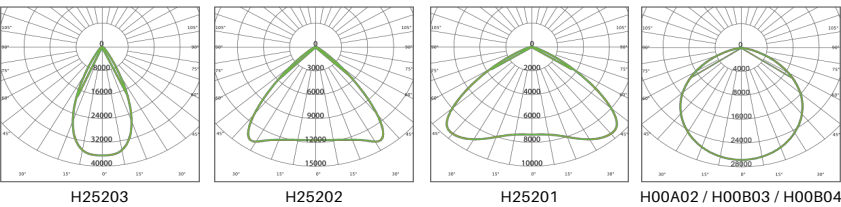
RH701 ROUND HIGH BAY

PHOTOMETRY

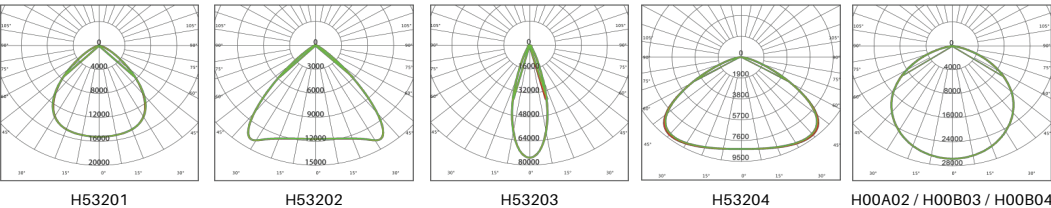
50W-90W beam angle



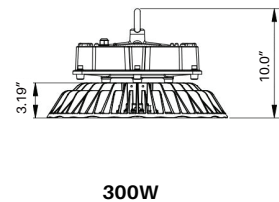
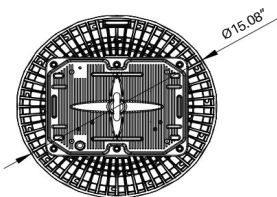
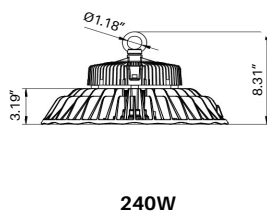
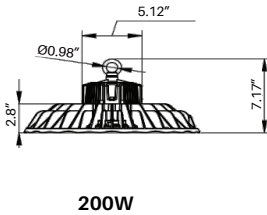
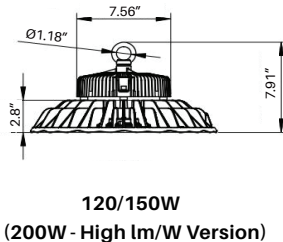
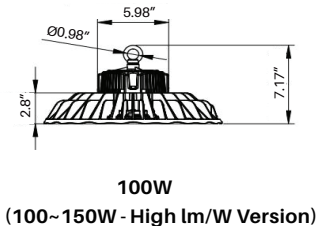
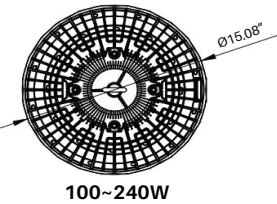
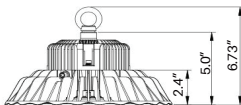
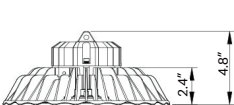
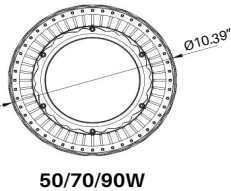
100W-200W beam angle (100W-High lm/W Version)



240W-300W beam angle (120-200W-High lm/W Version)



DIMENSION



RH701 ROUND HIGH BAY

PERFORMANCE DATA

PRODUCT CODE	WATTS	lm/W	DELIVERED LUMENS	Input Voltage	CRI (Ra)	CCT
RH701	50W	140	7,000	AC120-277V	70(80 Optional)	4000K / 5000K(Optional)
RH701	70W	140	9,800	AC120-277V	70(80 Optional)	4000K / 5000K(Optional)
RH701	90W	140	12,600	AC120-277V	70(80 Optional)	4000K / 5000K(Optional)
RH701	100W	140	14,000	AC120-277V	70(80 Optional)	4000K / 5000K(Optional)
		160	16,000		70	5000K
RH701	120W	140	16,800	AC120-277V	70(80 Optional)	4000K / 5000K(Optional)
		160	19,200		70	5000K
RH701	150W	140	21,000	AC120-277V	70(80 Optional)	4000K / 5000K(Optional)
		160	24,000		70	5000K
RH701	200W	140	28,000	AC120-277V	70(80 Optional)	4000K / 5000K(Optional)
		160	32,000		70	5000K
RH701	240W	140	33,600	AC120-277V	70(80 Optional)	4000K / 5000K(Optional)
RH701	300W	140	42,000	AC120-277V	70(80 Optional)	4000K / 5000K(Optional)

MOUNTING OPTIONS



Chain mounting



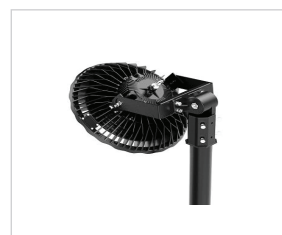
U-Bracket mounting



Pipe mounting

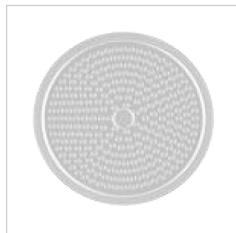


Adjustable Bracket mounting



Pole mounting

ACCESSORIES



Optic lens



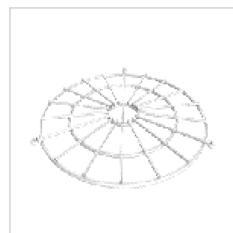
PC reflector
90°PC reflector with lid.



Aluminium reflectors



Visor



Protective wire guard



Hook

RH701 ROUND HIGH BAY

ACCESSORIES



Junction bracket
for 2 high bay lights



U - bracket
(Non-adjustable Bracket)



±30° adjustable bracket



±45° adjustable bracket



±180° adjustable bracket



Pole mount bracket
Match dia. 2.36" pole



Pipe mount bracket
Support both 3/4 or 1/2 NPT



Pole
SPCC pole,
length could be customized.



Daylight sensor



Safety chain



Microwave motion sensor



PIR sensor

ORDERING INFORMATION

RH701							
Series SKU	Wattage	lm/W	CRI	Voltage	CCT	Mounting	Accessories (Optional)
RH701	050: 50W 070: 70W 090: 90W 240: 240W 300: 300W	140: 140lm/W	L: 70 M: 80	U: 120-277V	50: 5000K	CM: Chain Mount UB: U-Bracket Mount PI: Pipe Mount AM: Adjustable Bracket Mount PM: Pole Mount	PR: PC reflector AR: Aluminium reflectors VI: Visor WG: Protective wire guard 30B: ±30° adjustable bracket 45B: ±45° adjustable bracket 180B: ±180° adjustable bracket HK: Hook JB: Junction bracket MS: Microwave motion sensor DS: Daylight sensor PS: PIR sensor
	100: 100W 120: 120W 150: 150W 200: 200W	140: 140lm/W 160: 160lm/W			40: 4000K 50: 5000K		

Example: RH701-240140MU50-CM
Lead times will vary depending on options selected.
Consult with your sales representative.

MISCELLANEOUS

CONSTRUCTION:
INSTALLATION:
OPTICS:
LISTINGS:
ELECTRICAL:
GOVERNMENT PROCUREMENT:

NOTE