

High bay-R3 series,multiple lumen, beam angle adjustable family

Up to 180lm/W | 60W/80W/100W | 90W/120W/150W | 110W/150W/200W selectable



Description:

R3 Series circular high-bay luminaire combines field-selectable wattage (60–200 W, 3-step DIP switch) with tool-free beam tuning (60° / 90° / 105° lens) to cover racking aisles, open warehouse floors and production halls from a single SKU. A high-efficiency LED engine delivers up to 180 lm/W (Ra 80+) and is offered in static 4000 / 5000 / 6500 K or 3 CCT-in-1 versions. The driver is ON-OFF or 0–10 V sensor-ready with Zhaga option for smart controls. Rugged IP65 aluminium housing, 10 kV surge protection and –40...+50 °C operation ensure long-term reliability. Mounting accessories include hook or loop suspension, surface and wall brackets; optical add-ons such as aluminium reflector, PC shroud or ring lens, plus emergency kit and motion / daylight sensors, provide project flexibility.

Specifications:

Indoor/Outdoor	Indoor
Product No.:	AHBR3-S100
Input Voltage:	220-240Vac / 50-60 Hz
System Power:	60W/ 80W/100W selectable
Type of light source:	SMD LED Lumileds 2835
Color Rendering(CRI):	Ra 80 SDCM<6
CCT:	4000K /5000K / 6500K or 3 CCT selectable on request
System Lumen:	14000lm / 15000lm /16000lm /17000lm
System Efficacy:	140 lm/W / 150 lm/W / 160 lm/W / 170 lm/W
Light Distribution:	Direct
Beam Angle:	60°/90°/105° adjustable
UGR (4H 8H):	
IP Rating:	IP65 IK08, 4KV/ 6KV surge protection
Color:	RAL9017 Black
Luminaire Lifetime:	50.000h (L80B50, Ta25°C)
Working Temperature:	–30 ~ +45 °C –20 ~ +45 °C (Sensor version)
Material:	Die casting ADC12+PC lens+Rubber Thread cable cable
Electrical Class	I
Photobiological Safety:	
Dimming:	ON-OFF, 1-10V, DALI

Mounting / Connection:

Mounting:	Suspending / Ceiling Mounting / Wall Mounting
Cut-out:	N/A
Connection:	

Packaging Information:

N.W. Fixture (Kg)	
G.W. Carton	
Mater Carton Dimension:	

Qty per Carton:

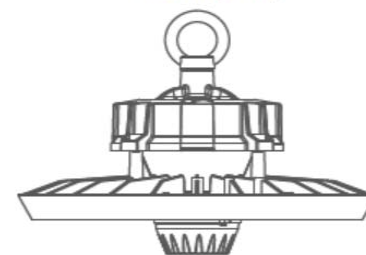
Photometrics

Please download from the website or consult the sales manager.

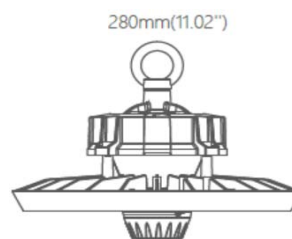
Ordering Information:

Model No.	Wattage	Efficacy	Color Rendering	CCT	Beam	Other on request	Dimming Options
AHBR3-S100	60W/ 80W/100W selectable	A 170 lm/W	8 80+ CRI		60°/90°/105° adjustable		F ON-OFF
AHBR3-S150	90W/ 120W/150W selectable	B 160 lm/W		40 4000K		3 CCT selectable	
AHBR3-S200	110W/ 150W/200W selectable	C 150 lm/W		50 5000K		0-10v sensor ready V	0~10V DIM
		D 140 lm/W		65 6500K		0-10V+Zhaga socket S	Sensor compatible
				3CCT 4000K & 5000K & 6500K Selectable		PIR sensor for Zhaga socket	
						Microwave motion DC sensor kit	
						Microwave sensor for Zhag socket	

Picture:



60W/ 80W/100W



90W/ 120W/150W



110W/ 150W/200W

Product Variants

High bay luminaires- multiple lumen, beam angle adjustable family

Model No.	System W	Luminaire Efficacy	Delivered lumen @4000K	Color Rendering	CCT	Beam
SINGLE CCT (3 beam angle adjustable)						
AHBR3-S100	60W/ 80W/100W selectable	140 lm/W	14000lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
AHBR3-S150	90W/ 120W/150W selectable	140 lm/W	21000lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
AHBR3-S200	110W/ 150W/200W selectable	140 lm/W	28000lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
AHBR3-S100	60W/ 80W/100W selectable	150 lm/W	15000lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
AHBR3-S150	90W/ 120W/150W selectable	150 lm/W	22500lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
AHBR3-S200	110W/ 150W/200W selectable	150 lm/W	30000lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
AHBR3-S100	60W/ 80W/100W selectable	160 lm/W	16000lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
AHBR3-S150	90W/ 120W/150W selectable	160 lm/W	24000lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
AHBR3-S200	110W/ 150W/200W selectable	160 lm/W	32000lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
AHBR3-S100	60W/ 80W/100W selectable	170 lm/W	17000lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
AHBR3-S150	90W/ 120W/150W selectable	170 lm/W	25500lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
AHBR3-S200	110W/ 150W/200W selectable	170 lm/W	34000lm	Ra>80	4000K /5000K / 6500K	60°/90°/105° adjustable
3CCT-IN-1 (3 beam angle adjustable)						
AHBR3-S1003C	60W/ 80W/100W selectable	170 lm/W	17000lm	Ra>80	4000K /5000K / 6500K adjustable	60°/90°/105° adjustable
AHBR3-S1503C	90W/ 120W/150W selectable	170 lm/W	25500lm	Ra>80	4000K /5000K / 6500K adjustable	60°/90°/105° adjustable
AHBR3-S2003C	110W/ 150W/200W selectable	170 lm/W	34000lm	Ra>80	4000K /5000K / 6500K adjustable	60°/90°/105° adjustable

Product Variants-Installation & installation accessories



Suspended



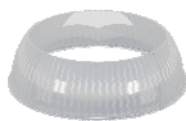
Surface-mounted



Wall-mounted



Aluminum reflector



PC cover



Ring lens



Optional Emergency kit



Surge protector



IP65 junction box



Optional contact sensors



Optional Zhaga sensors



Suspension Loop



Safety Chain



± 45 Deg Bracket



Hanging Loop