

COMMERCIAL  
DISK LED HIGHBAY

**ROBUS®**

DISK 80W, 160W, 200W LED Highbay, IP65, Black,  
5,000K, without reflector

This great looking, circular range of fittings has a modern aesthetic and provides solutions for high, medium or low height lighting applications. Quality materials ensure the physical life of this fitting matches the LED life. An “all round” IP65 rating provides functionality for lighting requirements in dry, wet or dusty environments



**Applications:**

- Warehouses & storage areas
- Factories
- Manufacturing & Assembly areas
- Bus or coach garages
- Sports halls
- Agricultural buildings
- Shopping centres & superstores
- Airports buildings

**Construction:**

Type ADC12 Die Cast Aluminium body and mounting ring

Pre-drilled formed steel mounting bracket

Tempered/toughened glass diffuser

Heat cured electrostatically powder coated finish

All stainless steel fixings

**Features:**

- Heat cured, electrostatically black powder coated finish
- All ADC12 die cast aluminium driver enclosure and fitting body with integrated radial heat sink fins
- All stainless steel glands & Allen head fixings
- Tempered & toughened glass diffuser
- Complete with both pre-formed and drilled mounting bracket and die cast aluminium mounting eye with lock screw
- 2m rubber flex & AU plugtop
- Utilises Lumiled Optoelectronic LED's to provide
  - High flux
  - Low power consumption
  - High efficacy
  - Long life
- High quality Meanwell constant current driver
- Correlated Colour Temperature of 5,000K with high CRI
- Standard 110° beam angle
- Pre-drilled body fixing points for optional 90° & 60° reflectors
- Ambient operating temperature of  $-25 \leq T_a \leq +40$

**Benefits:**

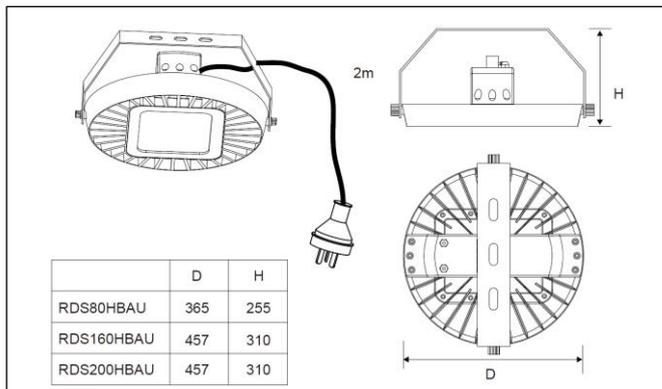
- Durable and attractive finish that will always look good
- Provides resistance to hairline cracking during curing process for long fitting life & durability
- Excellent heat dissipation contributes to long LED & driver life
- Will not rust so looks as new throughout life
- Not easily broken and provides low glare, diffused light
- Allows for 360-degree angle adjustable, surface or suspension mounting
- Fast & simple connection without the need for specialist skills
- High quality LED's provide excellent performance
- Comparable to 150W, 300W & 400W Metal Halide
- Reducing energy costs by around 50%
- Ensures compliance with current and foreseeable regulations
- Up to 5 times longer life than MH, providing huge lamp change, labour & access equipment cost savings
- Well engineered using state of the art IC components to ensure LED drive current stability for optimum LED performance & life
- Correct CCT and CRI for clarity and quality in most installations
- Wide beam as standard with narrower options for higher mounting positions
- Suitable for installation in very hot environments such as casting manufacturing or for cold areas such as industrial chilled or freezer applications

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Product Code:	RDS80HBAU-04	RDS160HBAU-04	RDS200HBAU-04
Comparable to Metal Halide (W):	150	300	400
Total Power (W):	81.3	161.4	197.9
Total Light Output (lm):	10,280	20,500	26,510
Efficacy (lm / cctW):	126	127	134
Rated Life (hrs):	50,000	50,000	50,000
Warranty (yrs):	5	5	5
Illuminance at 1m (lx):	4,000	7,500	10,000
Beam Angle (deg):	110	110	110
CCT (K):	5,000	5,000	5,000
Ingress Protection (IP):	65	65	65
Impact Rating (IK):	07	07	07
Operating Temperature (°C):	-25 ≤ Ta ≤ +40	-25 ≤ Ta ≤ +40	-25 ≤ Ta ≤ +40
Operating Voltage (Vac):	220-240	220-240	220-240
Power Factor (PF):	0.95	0.95	0.95
Height (mm):	255	310	310
Diameter (mm):	365	457	457
Box Qty:	1	1	1
Weight (kg):	4.7	9.0	9.0



Accessories:

- RDSHBRF60-L 60 ° Reflector for 160W/200W
- RDSHBRF90-L 90 ° Reflector for 160W/200W
- RDSHBRF60-S 60 ° Reflector for 80W
- RDSHBRF90-S 90 ° Reflector for 80W
- RDSHBW90-L 90 ° Wire guard for 160W/200W

Standards & Approvals:

Complies with: SAA, RCM

Cone Illuminance Diagram:

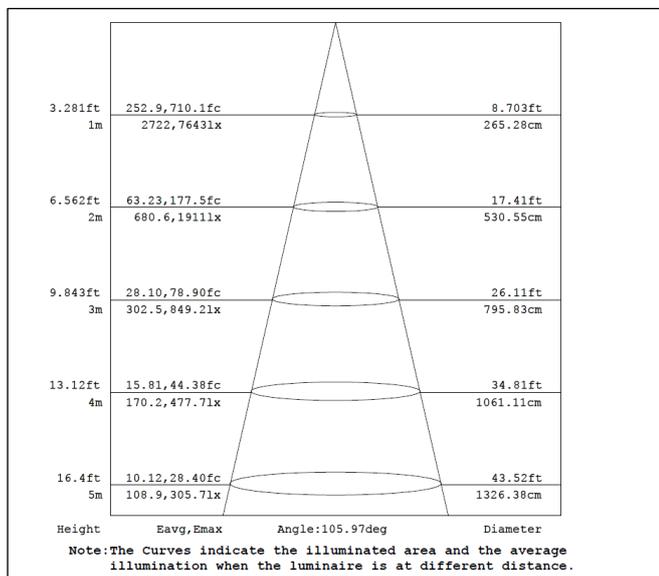
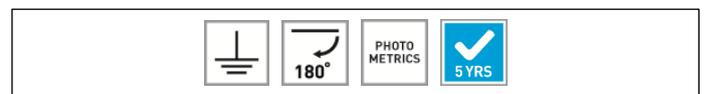


Diagram for RDS160HBAU-04. Other diagrams available on request



Polar Intensity Diagram:

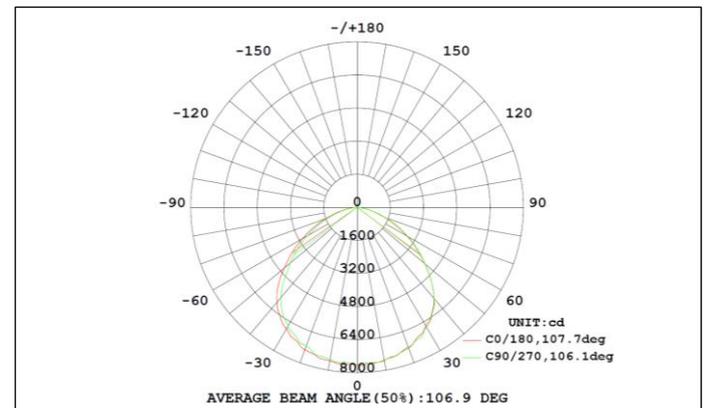


Diagram for RDS160HBAU-04. Other diagrams available on request