

SONIC 100W, 150W & 200W, 5000K LED HIGHBAY, IP65, 1M FLEX AND SWIFT CONNECTOR, 1-10V DIMMABLE

This modern looking range of fittings with an “All Around” IP65 rating provide solutions for high, medium or low height lighting applications in many diverse environments. Making huge energy savings compared to traditional light sources, even greater savings can be achieved using the standard dimmable driver and optional Robus sensors



Applications:

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

Construction:

- Die cast aluminium body
- Black powder coating finish
- Clear tempered glass cover
- Stainless steel mounting eye
- Stainless steel screws and fixings
- Aluminium PCB

Features:

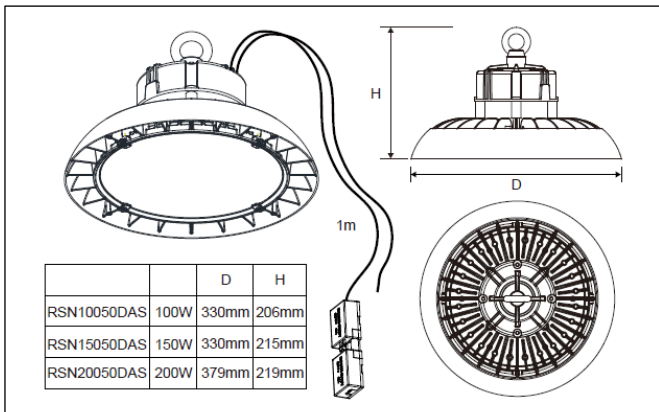
- Full range to replace traditional metal halide up to 400W
 - Body manufactured from die cast aluminium with black powder coat spray finish
 - Stainless steel fixings
 - Clear tempered glass cover with seal
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- Narrow beam lens, surface mount bracket and wire guard accessories available
 - Utilises Jufei Optoelectronic LED's to provide
 - High flux
 - Low power consumption
 - High efficacy
 - Long life
 - High-quality 1-10 VDC dimmable constant current driver
 - Solid state technology
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- Wide operating ambient temperature range
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- Stainless steel mounting eye with locking screw
 - Optional surface mount kit and wire guard
 - Wired with 1m, 3 core flexible rubber cable & Swift connector
 - Body rear has several pre-drilled and tapped fixing holes

Benefits:

- Provides an energy saving LED solution for most MH installations
 - Will not rust and will always look good
 - Strong and durable with high impact rating
 - Not easily damaged if knocked by fork lift or sports equipment
 - Not easily broken
 - Maintains the overall IP65 rating so can be installed in damp or dusty environments
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- Provides for high or surface mounting options and offers protective guard for sports venues
 - Quality LED's provide:
 - Comparability to Metal Halides so a one for one replacement
 - Reduces 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
 - Provides for manual, or with dimming sensor, automatic dimming for Daylight Harvesting to further reduce energy consumption
 - Rugged – No heat filaments or electrodes to prematurely fail due to vibration & hot/cold temperature variations
 - Can be switched by external microwave, PIR and/or photocell
 - Short time delay switching can be used
 - Instant on, no warm up time for increased convenience and safety
 - Ideal for unheated buildings or those with wide day/night temperatures
 - Suitable for installation in hot environments such as steel processing or cold areas such as chilled or freezer applications
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- Provides for fast and simple mounting
 - Allows alternative mounting methods and safety for sports halls
 - Plug and play with large termination area
 - Safety wire or sensors can be attached if required

SONIC 100W, 150W & 200W, 5000K LED HIGHBAY, IP65,
1M FLEX AND SWIFT CONNECTOR, 1-10V DIMMABLE

Product Code:	RSN10050DAS-04	RSN15050DAS-04	RSN20050DAS-04
Comparable to:	200W metal halide	300W metal halide	400W metal halide
Total Power (W):	99.1	149.5	196.4
Total Light Output (lm):	13050	19320	25910
Efficacy (lm / cctW):	132	129	132
Rated LED Life (hrs):	50000	50000	50000
Warranty (yrs):	5	5	5
Illuminance at 1m (lx):	4610	6810	8950
Beam Angle (deg):	110	110	110
CCT (K):	5000	5000	5000
CRI (Ra):	80	80	80
Ingress Protection (IP):	65	65	65
Impact Rating (IK):	08	08	08
Operating Temperature	-25 ≤ Ta ≤ +40	-25 ≤ Ta ≤ +40	-25 ≤ Ta ≤ +40
Operating Voltage (Vac):	220-240	220-240	220-240
Power Factor (PF):	0.98	0.98	0.98
Height (mm):	206	215	219
Diameter (mm):	330	330	379
Box Qty:	1	1	1
Weight (kg):	3.6	4.2	5.3



Accessories:

- RSNL85-S 85° LENS FOR 100W & 150W
- RSNL85-L 85° LENS FOR 200W
- RSNB-S SURFACE MOUNTING BRACKET FOR 100W &
- RSNB-L SURFACE MOUNTING BRACKET FOR 200W
- RSNWG-S WIRE GUARD FOR 100W & 150W
- RSNWG-L WIRE GUARD FOR 200W
- RDLHRV-HMW32S 1-10VDC MW DAYLIGHT HARVEST SENSOR
- RRD360MW-01 1-10VDC 3 STEP DIMMING SENSOR

Standards & Approvals:

Complies with: Complies with: EN 60598, EN 55015, EN 61000, IEN 62493, EN 61547, EN 62471

Cone Illuminance Diagram:

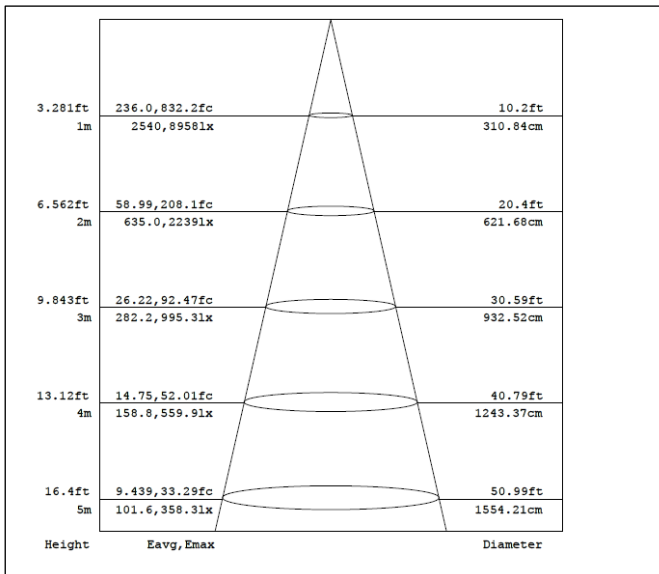


Diagram for RSN20050DAS-04 in 5,000K. Other diagrams available on request

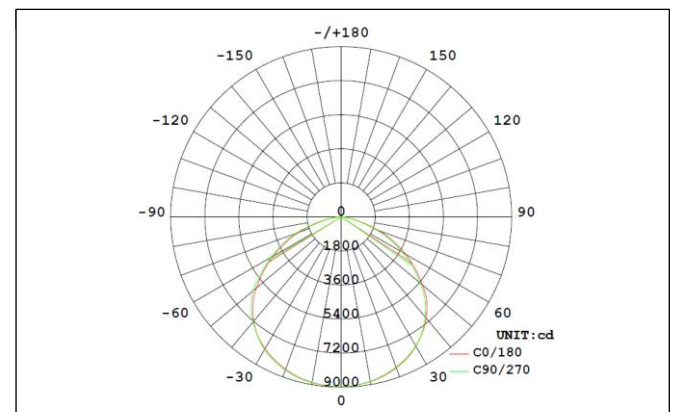
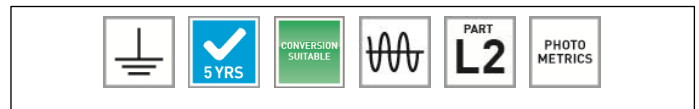


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