ROBUS®

INDUSTRIAL

SONIC4 LED HIGHBAY
100W, 150W, 200W, IP65

FEATURES

- Full range to replace traditional metal halide, up to 400W
- High-quality 1-10 VDC dimmable constant current driver
- Wide operating ambient temperature range
- PIR version default settings - Sensitivity: 100% Hold time: 5min Dimming level: 30% Dimming time: 30min
- Settings can be changed using controller accessory (RSNPIR-RC)
- PIR version is non dimmable

CONSTRUCTION

- Die cast aluminium body
- Clear polycarbonate LED cover
- Stainless steel mounting eye

5 YRS WARRANTY	50,000 HRS LIFETIME	133-143 LmW LUMENS PER W	IK 09 IK RATING	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	110° BEAM ANGLE	DIMMABLE DIMMING	4000K 5000K CCT	SAFETY CLASS

4000K	RSN10040DAS4-04	RSN15040DAS4-04	RSN20040DAS4-04	NA
5000K	RSN10050DAS4-04	RSN15050DAS4-04	RSN20050DAS4-04	NA
PIR	NA	NA	NA	RSN15040PIR-04
Comparable to:	200W metal halide	300W metal halide	400W metal halide	300W metal halide
Total Power (W):	97.2/98.4	143.8/148.1	192.8/195.6	153.3
Power Factor:	0.95	0.98	0.98	0.95
Total Light Output (lm):	13510/13810	19130/20490	27140/27920	21130
Total Emergency Light Output (lm):	650/650	700/700	740/740	700
Efficacy (lm/cctW):	139/140	133/138	141/143	138
Lux at 1m (lux):	4770/4870	6750/7220	9580/9790	7650
Emergency Lux at 1m (lux):	230/230	240/240	260/260	240
CCT (K):	4000/5000	4000/5000	4000/5000	4000
CRI:	80	80	80	80
IP:	65	65	65	65
Operation Temperature (°C):	-25 ≤ Ta ≤ +45	-25 ≤ Ta ≤ +45	-25 ≤ Ta ≤ +45	-25 ≤ Ta ≤ +45
Inrush Current:	16A/6us	23.6A/15us	23.6A/15us	10A/0.1us
RG Value:	0	0	0	0
SDCM:	<6	<6	<6	<6
P_{ST} LM:	NA	NA	NA	NA
SVM:	NA	NA	NA	NA
Energy Class:	D	D	D	D
Rated Life to L70B50 (Hrs):	>60000	>60000	>60000	>60000
Dimensions ØxH (mm):	239x181	271x206	306x213	271x206
Weight (kg):	1.98	2.69	3.52	2.75

Separate Control Gear Information				
Type of Light Source:	LED	LED	LED	LED
Full Load Efficiency (%):	93	96	96	96
P_{NET} (W):	NA	NA	NA	NA
Dimensions (mm):	120x50	120x50	120x50	120x50

Product is certified to all the relevant standards.

Please contact our technical department for market specific compliances.

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Cone Illuminance Diagram

Height	Eavg,Emax		Diameter
1m	2238,76571x		300.46cm
2m	559.5,19141x		600.91cm
3m	248.7,850.81x		901.37cm
4m	139.9,478.61x		1201.82cm
5m	89.52,306.31x		1502.28cm
6m	62.16,212.71x		1802.73cm
7m	45.67,156.31x		2103.19cm
8m	34.97,119.61x		2403.64cm
9m	27.63,94.531x		2704.10cm
10m	22.38,76.571x		3004.55cm

Diagram for RSN15040PIR-04 in 4000K. Other diagrams available on request
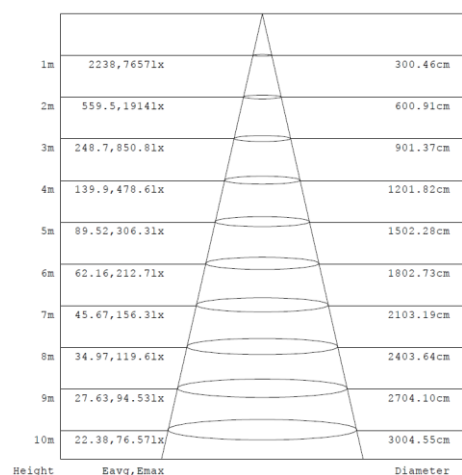
Polar Intensity Diagram

UNIT:cd
— C0/180
— C90/270
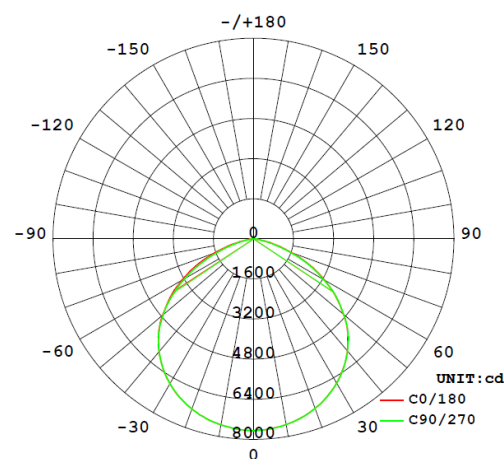
Diagram for RSN15040PIR-04 in 4000K. Other diagrams available on request

Dimension Diagram

		D	H
RSN10040DAS4	100W	239mm	181mm
RSN15040DAS4	150W	271mm	206mm
RSN20040DAS4	200W	306mm	213mm
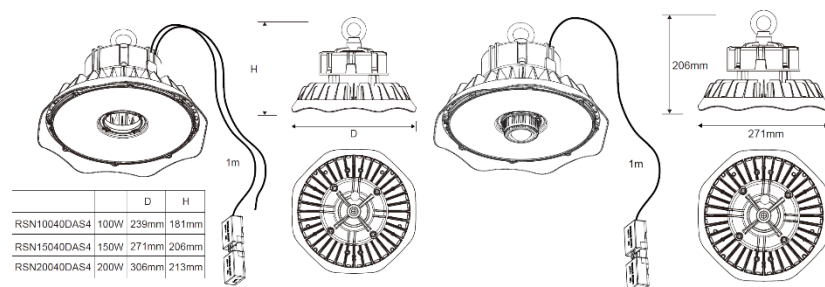
Accessories

RSNB4-S	Surface mounting bracket for 100W and 150W
RSNWG4-M	Wire guard for 150W
RSNL60-M	60° lens for 150W
RSNL90-M	90° lens for 150W
RSNPIR-RC	Remote controller for RSN15040PIR-04

Sensor Data

Time Off Delay:	10s-60min
Illuminance Switching Range (lux):	10, 30, 50
Sensitivity Range (%):	20, 50, 75, 100
Mounting Height (max):	12m
Detection Zone Diameter (max):	8m