ROBUS®

OUTDOOR

ORIENT CCT SELECTABLE BOLLARD
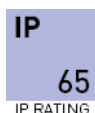## 20W, IP65

FEATURES

- LED replacement for 120W linear halogen fittings
- Modern and attractive design using high quality materials and technologies
- Complete with switch allowing to select 3000K and 4000K colour temperature
- Removable mounting base providing template for drilling anchor points
- Wide operating ambient temperature range of -25°C to +40°C
- Suitable for switching by PIR, Microwave or Photocell sensors

CONSTRUCTION

- Die cast aluminium housing with PMMA diffuser
- High quality powder coating process for high corrosion resistance
- Stainless steel fixing screws

Icons: 5 YRS WARRANTY | 50,000 HRS LIFETIME | 101 LmW LUMENS PER W | IK 06 IK RATING | IP 65 IP RATING | OP 220 240 OPERATING VOLTAGE | 120° BEAM ANGLE | NON DIMMABLE DIMMING | 3000K 4000K CCT | SAFETY CLASS

Product Code:	ROR20X063-04	ROR20X098-04
Comparable to:	120W linear halogen	120W linear halogen
Total Power (W):	20.1	20.1
Power Factor:	0.95	0.95
Total Light Output (lm):	2020	2020
Total Emergency Light Output (lm):	NA	NA
Efficacy (lm/cctW):	101	101
Lux at 1m (lux):	185	185
Emergency Lux at 1m (lux):	NA	NA
CCT (K):	3000/4000	3000/4000
CRI:	80	80
IP:	65	65
Operation Temperature (°C):	-25 ≤ Ta ≤ +40	-25 ≤ Ta ≤ +40
Inrush Current:	4.8A/3.2us	4.8A/3.2us
RG Value:	0	0
SDCM:	6	6
P_{ST} LM:	NA	NA
SVM:	NA	NA
Energy Class:	D	D
Rated Life to L70B50 (Hrs):	50000	50000
Dimensions ØxH (mm):	160x630	160x980
Weight (kg):	3.6	4.9

Separate Control Gear Information		
Type of Light Source:	LED	LED
Full Load Efficiency (%):	88	88
P_{NET} (W):	NA	NA
Dimensions (mm):	120x50x31	120x50x31

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	119.9,186.91x	200.00cm
2m	29.97,46.721x	400.00cm
3m	13.32,20.761x	600.00cm
4m	7.492,11.681x	800.00cm
5m	4.795,7.4751x	1000.00cm
6m	3.330,5.1911x	1200.00cm
7m	2.446,3.8141x	1400.00cm
8m	1.873,2.9201x	1600.00cm
9m	1.480,2.3071x	1800.00cm
10m	1.199,1.8691x	2000.00cm
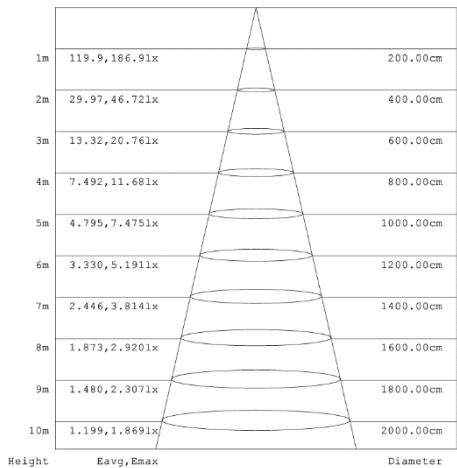
Diagram for ROR20X063-04 in 3000K. Other diagrams available on request

Polar Intensity Diagram

UNIT:cd
C0/180
C90/270
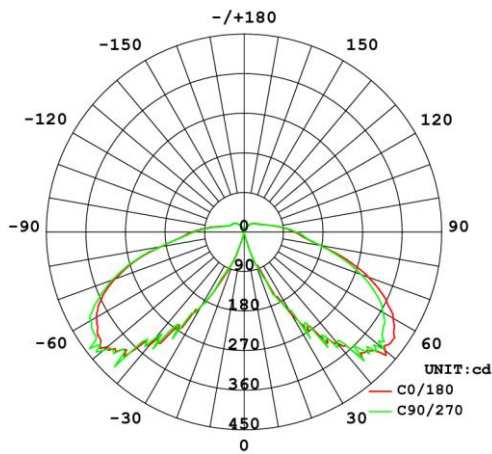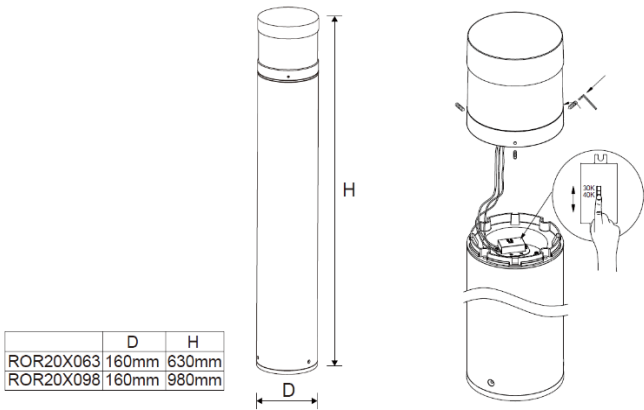
Diagram for ROR20X063-04 in 3000K. Other diagrams available on request

Dimension Diagram

	D	H
ROR20X063	160mm	630mm
ROR20X098	160mm	980mm

Sensor Data

Time Off Delay:	NA
Illuminance Switching Range:	NA
Sensitivity Range (%):	NA
Mounting Height (max):	NA
Detection Zone Diameter (max):	NA