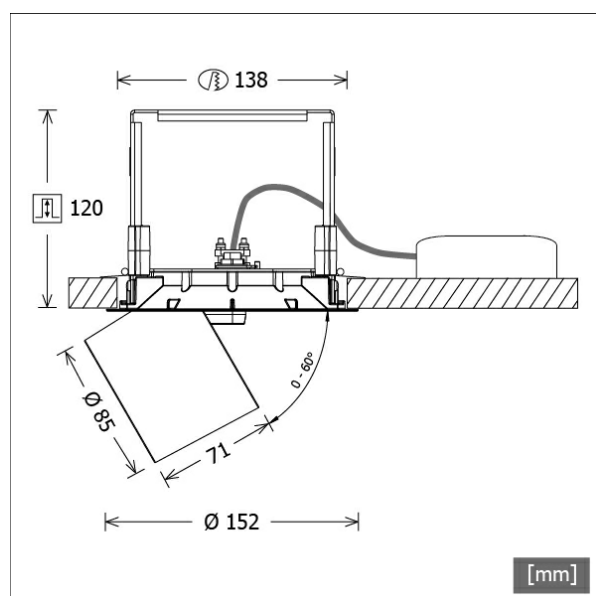


ORYO-R 201.927.L06/DALI



Colours	Article no.	EAN
silver	659121	4043544783233
black	659122	4043544783240
white	659123	4043544783257



Description

- flexible recessed spotlight with slightly conical light-head
- light-head extracts, rotates through 355° and pivots through 60° via articulated arm
- outstanding ease of maintenance
- no UV and thermal emissions
- anti-glare shield and decorative anti-glare ring available as accessories
- light-head made from die-cast aluminium
- innovative thermal management with design-integrated passive cooling
- black internal thermoplastic front ring
- recessed frame made from die-cast zinc and sheet steel
- concealing plate for ceiling opening
- high-quality Fresnel lens made of PMMA (Made in Germany) suitable for accentuation
- tool-free ceiling mounting via automatic quick clamping (automatic adjustment of the ceiling thickness)
- luminaire and ballast permanently connected via cable (length: 500 mm), ballast ready for mains connection
- ballast (LED converter DALI, dimmable) included (external placement)

Standard options



Lighting data / Norms

Lamps	LED Spot / CRI 90 / 2700 K
EPREL light sources	881632
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	20.2 W
Luminaire luminous flux	510 lm
System efficiency	25.24 lm/W
Module efficiency	126.00 lm/W
UGR class	≤22
Beam range	Narrow Spot
Beam angle	6°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

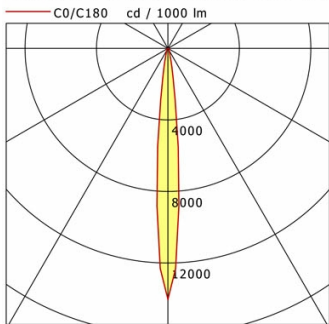
Dimensions / Weights

Outer diameter	152 mm
Height	121 mm
Cut-out (Ø)	138 mm
Ceiling thickness	9.0 - 50.0 mm
Recessed depth	120 mm
Diameter of light head	85 mm
Net weight	1.27 kg
Gross weight	1.38 kg

ORYO-R 201.927.L06/DALI

ORYO-R 201.927.L06/DALI

Oryo 200 | Recessed (1xLED 20W 927/2700K 510lm)



	C0	C90	C180	C270
0°	14031	14031	14031	14031
15°	557	557	557	557
30°	111	111	111	111
45°	87	87	87	87
60°	59	59	59	59
75°	19	19	19	19
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	0.53	795.1
6.0	1.06	198.8
9.0	1.59	88.3
12.0	2.12	49.7
15.0	2.65	31.8

η	LED
Efficiency	26 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	20 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.0
UGR C90/C270	22.0
CIE Flux Codes	81 93 99 100 100
Ra/CRI	>90

LTS

Accessories



ZB-AGS 002
anti-glare shield



ZB-DAR 002
decorative anti-glare ring



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-R SENSOR
Organic Response sensor for recessed mounting