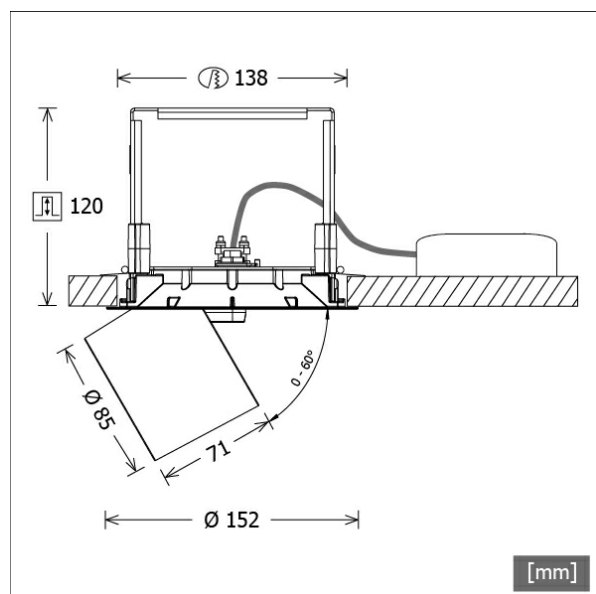


# ORYO-R 201.940.L06/DALI



Colours	Article no.	EAN
silver	659133	4043544783356
black	659134	4043544783363
white	659135	4043544783370



## 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 / 4000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	20.2 W
Luminaire luminous flux	570 lm
System efficiency	28.21 lm/W
Module efficiency	151.00 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

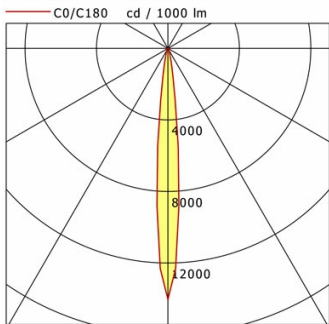
## Dimensions / Weights

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 201.940.L06/DALI

## ORYO-R 201.940.L06/DALI

Oryo 200 | Recessed (1xLED 20W 940/4000K 570lm)



	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	888.6
6.0	1.06	222.2
9.0	1.59	98.7
12.0	2.12	55.5
15.0	2.65	35.5

<b>η</b>	LED
Efficiency	29 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	20 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.3
UGR C90/C270	22.3
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