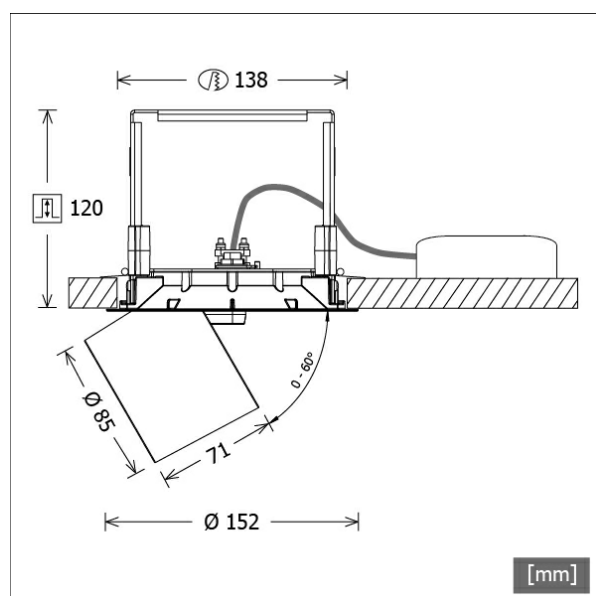


# ORYO-R 201.930.L06/DALI



Colours	Article no.	EAN
silver	659127	4043544783295
black	659128	4043544783301
white	659129	4043544783318



## 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 / 3000 K
EPREL light sources	881633
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	20.2 W
Luminaire luminous flux	530 lm
System efficiency	26.23 lm/W
Module efficiency	133.00 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

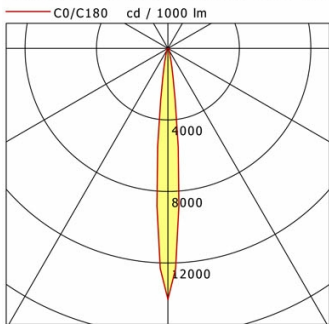
## Dimensions / Weights

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 201.930.L06/DALI

## ORYO-R 201.930.L06/DALI

Oryo 200 | Recessed (1xLED 20W 930/3000K 530lm)



	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	826.3
6.0	1.06	206.6
9.0	1.59	91.8
12.0	2.12	51.6
15.0	2.65	33.1

<b>η</b>	LED
Efficiency	27 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	22.1
UGR C90/C270	22.1
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