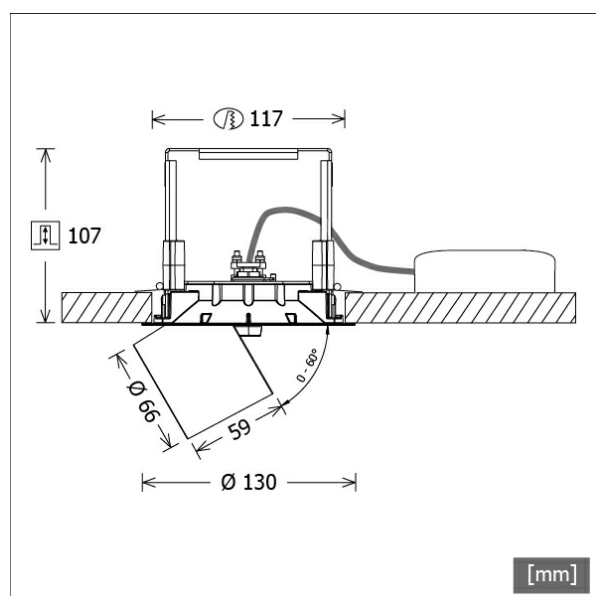


# ORYO-R 101.940.45/DALI



Colours	Article no.	EAN
black	664126	4043544732583
white	664127	4043544732590
silver	664598	4043544737335



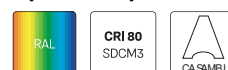
## Description

- flexible filigree 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
- high performance specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- black internal thermoplastic front ring
- recessed frame made from die-cast zinc and sheet steel
- concealing plate for ceiling opening
- clear acrylic safety glass
- 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



## Special options



## Lighting data / Norms

Lamps	LED Spot / CRI 90 / 4000 K
EPREL light sources	854571
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	20.0 W
Luminaire luminous flux	1940 lm
System efficiency	97.00 lm/W
Module efficiency	140.95 lm/W
UGR class	≤22
Beam range	Wide Flood
Beam angle	46°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

## Dimensions / Weights

Outer diameter	130 mm
Height	108 mm
Cut-out (Ø)	117 mm
Ceiling thickness	9.0 - 50.0 mm
Recessed depth	107 mm
Diameter of light head	66 mm

Recessed Spotlights · ORYO 100 Recessed

ORYO-R 101.940.45/DALI

Net weight  
Gross weight



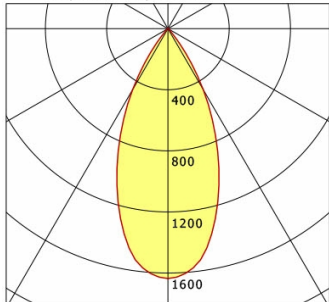
LTS  
LOVE TO SHINE

0.95 kg  
1.06 kg

# ORYO-R 101.940.45/DALI

Oryo 100 | Recessed (1xLED 20W 940/4000K 1940lm 45 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	1636	1636	1636	1636
15°	1232	1232	1232	1232
30°	461	461	461	461
45°	24	24	24	24
60°	8	8	8	8
75°	2	2	2	2
90°	0	0	0	0
cd / 1000 lm				

Offset [m] Cone width [m] Illuminance [lx]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.54	352.6
6.0	5.08	88.2
9.0	7.62	39.2
12.0	10.16	22.0
15.0	12.70	14.1

<b>η</b>	LED
Efficiency	97 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	21.7
UGR C90/C270	21.7
CIE Flux Codes	96 99 100 100 100
Ra/CRI	>90

LTS

## Accessories



**ZB-AGS 001**  
anti-glare shield



**ZB-DAR 001**  
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



**ZBW 88**  
honeycomb louvre