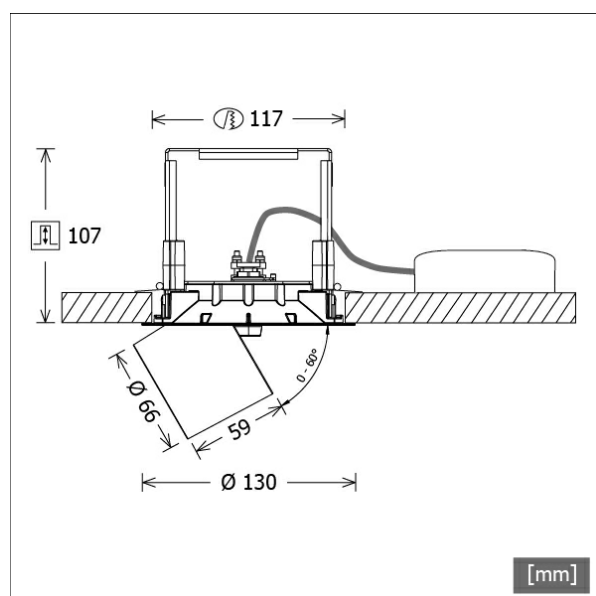


# ORYO-R 101.940.25



Colours	Article no.	EAN
black	664120	4043544732521
white	664121	4043544732538
silver	664595	4043544737304



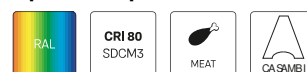
## Description

- 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) 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	1820 lm
System efficiency	91.00 lm/W
Module efficiency	140.95 lm/W
UGR class	≤19
Beam range	Medium Flood
Beam angle	30°
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 101.940.25

Net weight  
Gross weight

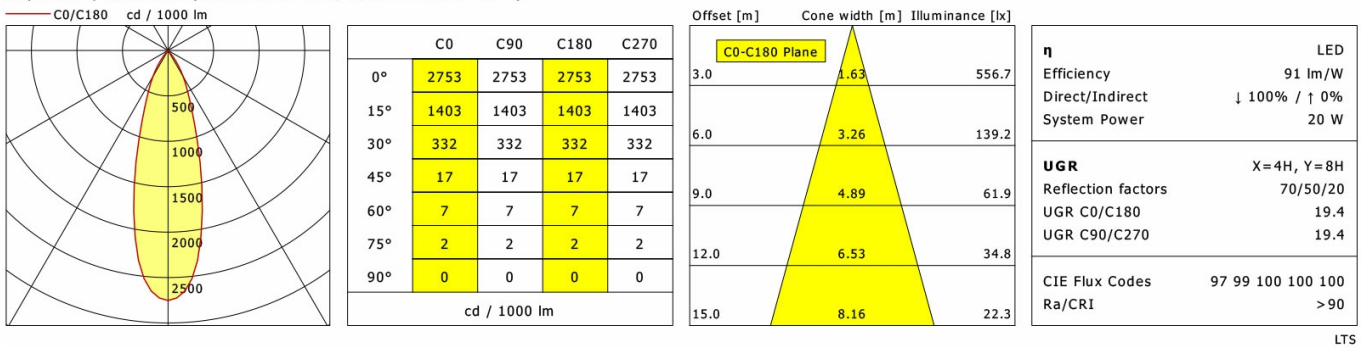


LTS  
LOVE TO SHINE

0.92 kg  
1.03 kg

# ORYO-R 101.940.25

Oryo 100 | Recessed (1xLED 20W 940/4000K 1820lm 25 °)



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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.63	556.7
6.0	3.26	139.2
9.0	4.89	61.9
12.0	6.53	34.8
15.0	8.16	22.3

**η**

Efficiency LED 91 lm/W

Direct/Indirect ↓ 100% / ↑ 0%

System Power 20 W

**UGR** X=4H, Y=8H

Reflection factors 70/50/20

UGR C0/C180 19.4

UGR C90/C270 19.4

CIE Flux Codes 97 99 100 100 100

Ra/CRI >90

## Accessories



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



**ZB-DAR 001**  
decorative anti-glare ring



**ZBW 88**  
honeycomb louvre