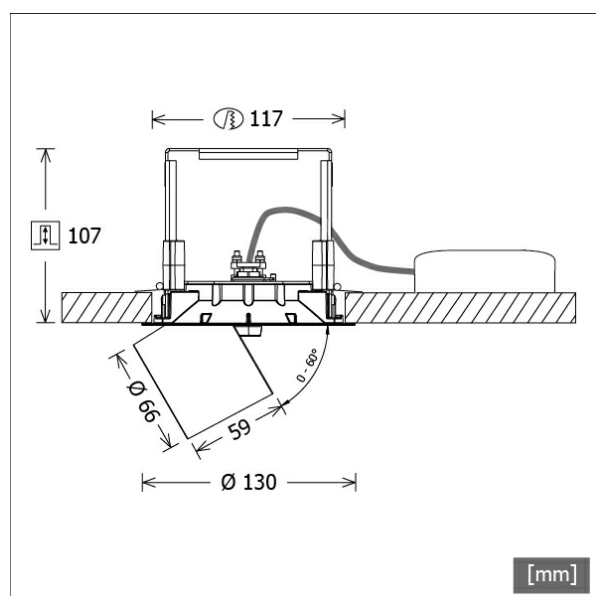


ORYO-R 101.927.45/DALI



Colours	Article no.	EAN
black	664102	4043544732347
white	664103	4043544732354
silver	664586	4043544737212



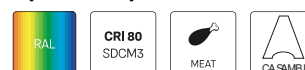
Description

- 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 / 2700 K
EPREL light sources	970823
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	20.0 W
Luminaire luminous flux	1750 lm
System efficiency	87.50 lm/W
Module efficiency	128.62 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 101.927.45/DALI

Net weight
Gross weight



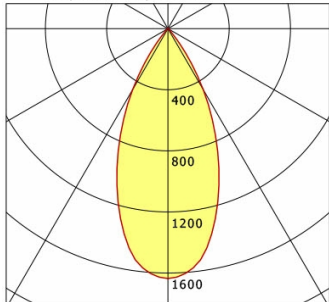
LTS
LOVE TO SHINE

0.95 kg
1.06 kg

ORYO-R 101.927.45/DALI

Oryo 100 | Recessed (1xLED 20W 927/2700K 1750lm 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	318.1
6.0	5.08	79.5
9.0	7.62	35.3
12.0	10.16	19.9
15.0	12.70	12.7

η	LED
Efficiency	88 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	20 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.3
UGR C90/C270	21.3
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