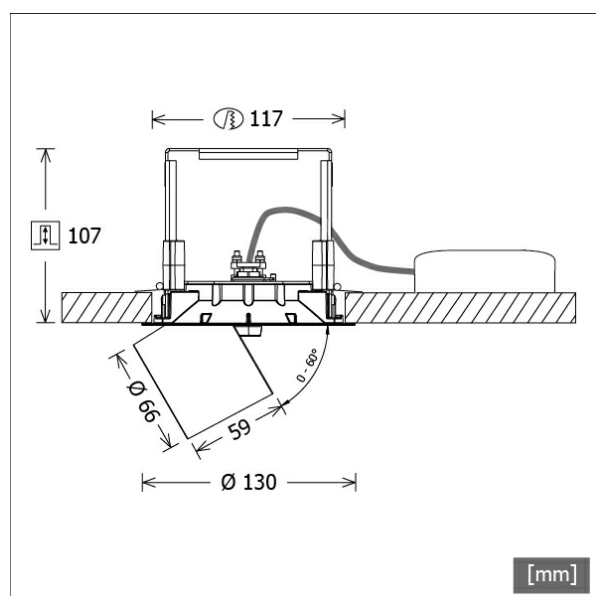


ORYO-R 101.930.15/DALI



Colours	Article no.	EAN
black	664106	4043544732385
white	664107	4043544732392
silver	664588	4043544737236



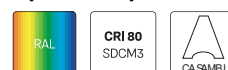
Description

- 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 / 3000 K
EPREL light sources	947975
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	18.0 W
Luminaire luminous flux	1390 lm
System efficiency	77.22 lm/W
Module efficiency	129.75 lm/W
UGR class	≤19
Beam range	Spot
Beam angle	15°
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 101.930.15/DALI

Net weight
Gross weight



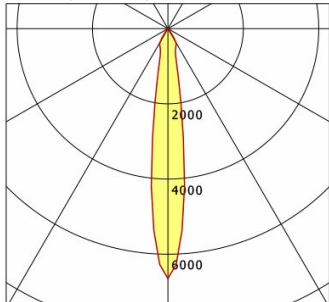
LTS
LOVE TO SHINE

0.95 kg
1.06 kg

ORYO-R 101.930.15/DALI

Oryo 100 | Recessed (1xLED 18W 930/3000K 1390lm 15 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	6647	6647	6647	6647
15°	829	829	829	829
30°	416	416	416	416
45°	15	15	15	15
60°	12	12	12	12
75°	1	1	1	1
90°	0	0	0	0
cd / 1000 lm				

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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	0.77	1026.5
6.0	1.55	256.6
9.0	2.32	114.1
12.0	3.09	64.2
15.0	3.86	41.1

η	LED
Efficiency	78 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	18 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.3
UGR C90/C270	19.3
CIE Flux Codes	97 100 100 100 100
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