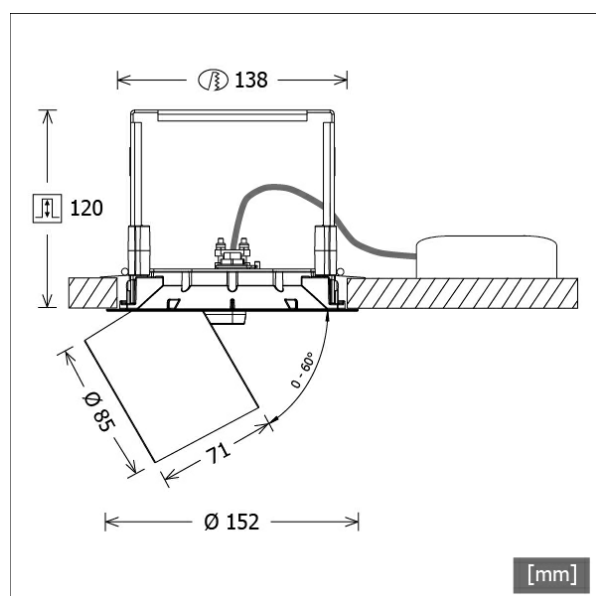


# ORYO-R 203.940.15



Colours	Article no.	EAN
black	664226	4043544733580
white	664227	4043544733597
silver	664701	4043544738363



## 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
- 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 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	30.0 W
Luminaire luminous flux	3080 lm
System efficiency	102.66 lm/W
Module efficiency	140.95 lm/W
UGR class	≤19
Beam range	Spot
Beam angle	18°
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

Recessed Spotlights · ORYO 200 Recessed

ORYO-R 203.940.15

Net weight  
Gross weight

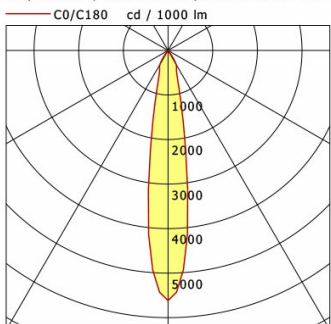


LTS  
LOVE TO SHINE

1.24 kg  
1.35 kg

# ORYO-R 203.940.15

Oryo 200 | Recessed (1xLED 30W 940/4000K 3080lm 15 °)



	C0	C90	C180	C270
0°	5615	5615	5615	5615
15°	1034	1034	1034	1034
30°	365	365	365	365
45°	10	10	10	10
60°	9	9	9	9
75°	0	0	0	0
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	0.99	1921.5
6.0	1.86	480.4
9.0	2.79	213.5
12.0	3.72	120.1
15.0	4.65	76.9

<b>η</b>	LED
Efficiency	103 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	30 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.0
UGR C90/C270	19.0
CIE Flux Codes	98 100 100 100 100
Ra/CRI	>90

LTS

## Accessories



**ZB-AGS 002**  
anti-glare shield



**ZB-DAR 002**  
decorative anti-glare ring



**ZBW 89**  
honeycomb louvre