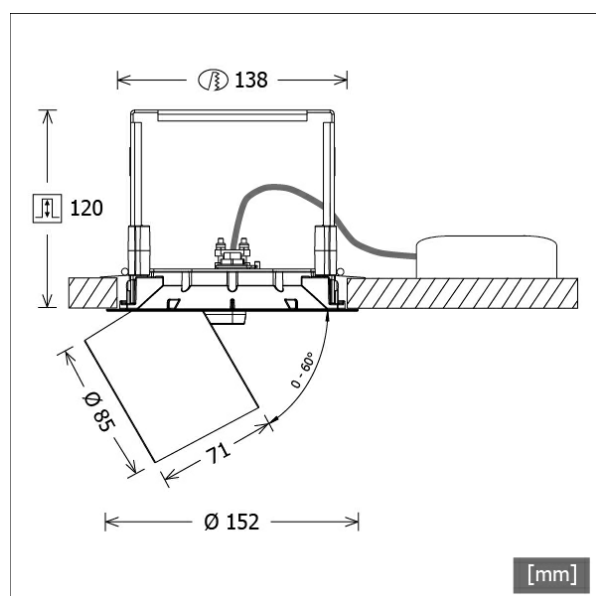


# ORYO-R 202.B.45



Colours	Article no.	EAN
silver	659462	4043544786586
black	659463	4043544786593
white	659464	4043544786609



## Description

- flexible recessed spotlight with slightly conical light-head for special lighting of bakery products
- 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 Bakery / CRI 82
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	25.7 W
Luminaire luminous flux	2680 lm
System efficiency	104.28 lm/W
Module efficiency	163.00 lm/W
UGR class	≤22
Beam range	Flood
Beam angle	45°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

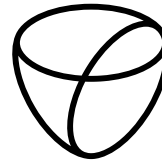
## Dimensions / Weights

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 202.B.45

Net weight  
Gross weight



LTS  
LOVE TO SHINE

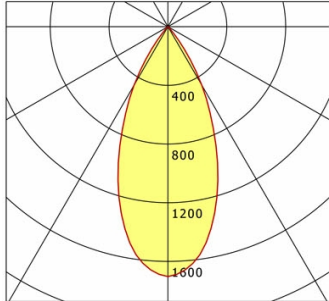
1.24 kg  
1.35 kg

# ORYO-R 202.B.45

## ORYO-R 202.B.45

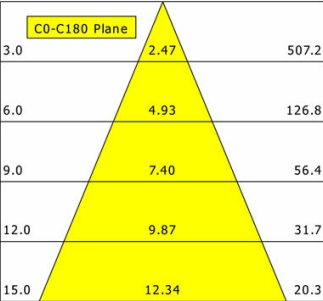
Oryo 200 | Recessed (1xLED 26W BAKERY 2680lm)

C0/C180    cd / 1000 lm



	C0	C90	C180	C270
0°	1703	1703	1703	1703
15°	1261	1261	1261	1261
30°	460	460	460	460
45°	20	20	20	20
60°	6	6	6	6
75°	1	1	1	1
90°	0	0	0	0
cd / 1000 lm				

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



<b>η</b>	LED
Efficiency	103 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	26 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.3
UGR C90/C270	20.3
CIE Flux Codes	97 99 100 100 100
Ra/CRI	---

LTS

## Accessories



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



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



**ZBW 89**  
honeycomb louvre