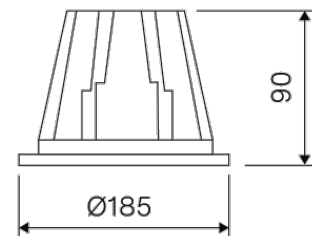


**Dimensions**

Product dimensions (mm)	Ø185 x 90
Net weight (g)	885
Drilling hole (mm)	175

**Scheme****Scheme****Product**

Real power (W)	24
Real luminous flux (Lm)	2393
Luminous efficiency (Lm/W)	99,75
Beam angle (°)	80
Life time (h)	50000 (L70B10)
IP	IP44/20
Electrical class insulation	Class 2
Operating temperature	from -20°C to 35°C
Electrical feeding	220..240V, 50/60Hz
Colour (RAL)	White(9010)
Energy efficiency class	A+

**Control gear**

Control gear included	Yes
Control gear	1-10V Dimmable Electronic Control Gear
Power Factor	0,98
Flicker Free	Flicker Free

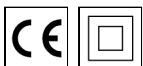
**Light source****Light source included**

Light source	Led
Type of LED	Mid-Power
Nominal power (W)	21
Nominal luminous flux (Lm)	3000
Colour temperature (K)	4000
Colour consistency (SDCM)	5
CRI	80

**Photometry****BERYL O 3000 80° ED 33 IP44/20 840****DESCRIPTION**

Luxiona round fix downlight from the TROLL family Beryl O. Downlight to be used as general indoor lighting for offices, hospitals commercial areas or residential & contract spaces. Downlight designed for ceiling recessed installation. Luminaire body built in die-cast aluminium with matt polycarbonate frontal diffuser with finish in White. Luminaire has a degree of isolation vs. environment of IP44/20. Luminaire adds in a polycarbonate opal diffuser with a beam angle of 80°. Luminaire adds in a 21 W LED source with colour temperature of 4000K, Colour reproduction higher than 80% and a chromatic dispersion lower than 5 SMD. Fixture has an output flux of 2393 Lm, with an efficiency of 99,75 Lm/W and a total consumption of 24 W. The average life for the luminaire is (h) 50000 [L70B10]. Luminaire built-in an 1-10V Dimmable Electronic Control Gear fed at 220...240V 50/60Hz.

Item code	11.1546.4240.33
Product type	IN
Category	Recessed Downlights
Family	Beryl
Subfamily	Beryl O
Materials	Luminaire body built in die-cast aluminium with matt polycarbonate frontal diffuser with finish in White.
Optical system	Luminaire adds in a polycarbonate opal diffuser with a beam angle of 80°.
Installation instructions	Downlight designed for ceiling recessed installation.

**Pictograms**

## Photometry

