

LUM – Technical Information

PrevaLight® Downlight



Tender text

- Up to 87 lm/W
- System power: 6 W / 9 W
- Lifetime: 25,000 h L70/B50@ta=25 °C
- CCT: 3000 K (830) / 4000 K (840)
- Beam angle: 30°
- IP20
- Installation: recessed

Application

Corridors, reception areas, residential areas, commercial areas

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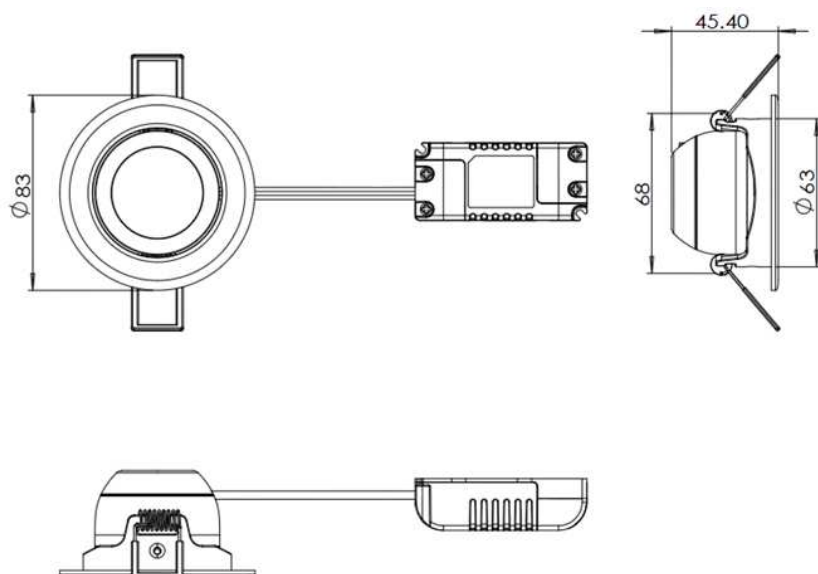
A) Technical Information

1) Housing, Mounting and Accessories

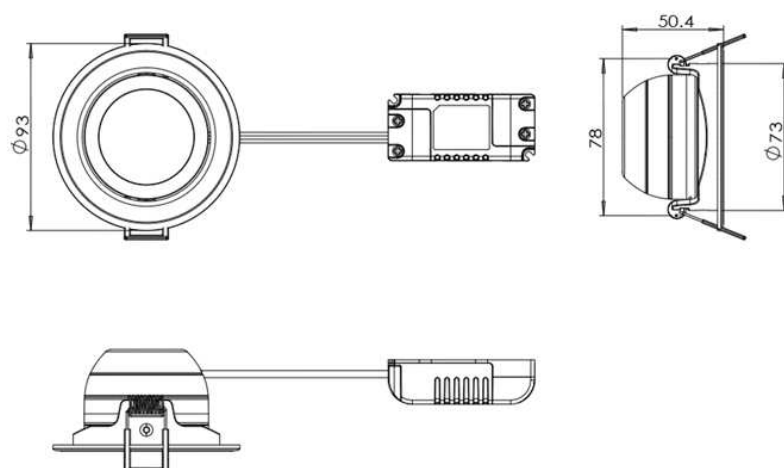
Product name	PrevaLight® Downlight 50 / 75
Body material	coated aluminum
Color of the luminaire (RAL)	RAL 9003
Cover material	PC
Type of cover	diffuser
Adjustable	± 30°
Reflector	Vacuum aluminized PC reflector
With on/off switch	No
diameter d [mm]	83 / 93
Height h [mm]	45.4 / 50.4
Type of connection	fixed connection
Mounting type	Recessed
Mounting diameter [mm]	68 / 78
Mounting height [mm]	>70 ...80
Suitable ceiling thickness [mm]	4...17
weight (incl. accessory)[g]	0.12 / 0.13
Protection class	class 2

Product name	PrevaLight® Downlight 50 / 75
Type of protection (IP code)	IP 20
Ambient temperature [°C]	-20 ...35
Storage temperature [°C]	-20 ...80
Approval marks	CE
Accessory	---

PrevaLight® Downlight 50:



PrevaLight® Downlight 75:



2) Electrical Installation

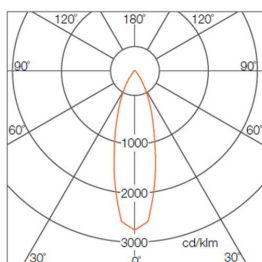
Connect to the grid in accordance with national regulations

Product name	PrevaLight® Downlight 50 / 75
Nominal wattage [W]	6 / 9
Mains voltage [V]	220 ... 240
Rated current [A]	0.025 / 0.04
Mains frequency [Hz]	50 / 60
Power Factor	> 0.5
Stand By	---

3) Optical features

Product name	PrevaLight® Downlight 50 / 75
Equipped with Lamp	Yes
Lamp / LED type	Seoul 3030
Number of lighting outlets	1
eye safety	RG1
L70B50@25°C [h]	25,000
Light color [K]	830: 3000 840: 4000
Color rendering index (CRI)	> 80
SDCM	< 5
Luminous flux [lm]	830: 448 / 728 840: 480 / 780
Beam angle [°]	30
Efficacy [lm/W]	830: 75 / 81 840: 80 / 87

Light Distribution:



4) Control

Product name	PrevaLight® Downlight 50 / 75
Ballast / Control gear	external driver
Communication interface	---
Secondary output	const. current
Dimmable	No
Through-wiring	No

B) Logistic Data

Product (reference)	Product number (EAN 10)	Product number (EAN 40)	MLFB	SU
PrevaLight Downlight 50 830	4052899515833	4052899515840	0YAM05358	12x1
PrevaLight Downlight 50 840	4052899515857	4052899515864	0YAM05359	12x1
PrevaLight Downlight 75 830	4052899515888	4052899515895	0YAM05361	12x1
PrevaLight Downlight 75 840	4052899515901	4052899515918	0YAM05362	12x1