LuxSpace Pro – high efficiency, visual comfort and a stylish design

LuxSpace Pro

Philips LuxSpace Pro builds on the LuxSpace family's reputation for superb performance, extremely low energy use, high visual comfort and appearance design. This next generation of reliable LED downlights comes in an elegant design with a deep, recessed architecture and increased reflector depth to highlight the smallest of details. LuxSpace Pro is also a shining example of versatility. This energy-saving LED downlight is available in a comprehensive range of configurations from 450 to 8,000 lumen, 3inch to 8inch, with the option to choose fixed, dimmable, or Interact Ready variants. This makes LuxSpace Pro the perfect 'mix and match' solution for potentially broad and extended applications that require different lighting ambiances, with one cohesive luminaire look and feel.

Benefits
- Energy-efficient LED
- Creates a gentle, natural light, ensuring visual comfort
- Perfect ceiling integration with narrow rim
- Option of glossy facetted & matte clear aluminized (UGR19), or facetted & matte white reflector
- Durable LED quality and reliability
- Supports Human Centric Lighting with Tunable White and integrated lighting controls

LuxSpace Pro

Features
- Best-in-class efficacy with up to 170lm/W
- Deep recessed architecture with increased reflector depth
- Spacious installation area with improved narrow rim width
- Choice of multiple optics: Facetted, matt and white
- 75,000 hours lifetime @L70/B50 Ta 25°C
- 50,000 hours lifetime @L80/B10 Ta 25°C
- DALI and wireless Interact compatible

Application
- Retail
- Offices
- Hospitals and Care Centers
- Hospitality
- Airports
- Exhibition Center
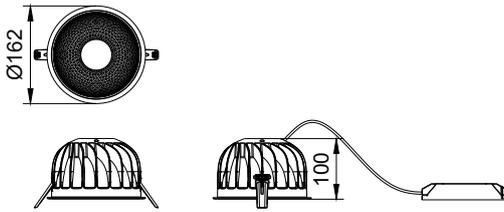
Versions

LuxSpace Pro

LuxSpace Pro

Dimensional drawing

Ø112

68

Ø212

125

LuxSpace Pro

Dimensional drawing

General Information

Service tag	Yes

Light Technical

Optic type	High-reflective metal reflector Wide beam 40 to 80 degrees

Operating and Electrical

Protection class IEC	Safety class II
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz

Mechanical and Housing

Optical cover type	Polycarbonate Diffuser
Housing Color	White
Mech. impact protection code	IK03
Ingress protection code	IP20

Approval and Application

Ambient temperature range	-20 ℃ to 40 ℃
CE mark	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401591443	DN589B LED10/930 P8PSU D100 WB G2	3000 K	90	115 lm/W	970 lm
911401501544	DN591X LED19/840 P13WIA D200 WB G2	4000 K	80	148 lm/W	1,910 lm
911401501844	DN593B LED29/830 P20PSU D200 WB G2	3000 K	80	140 lm/W	2,820 lm
911401599743	DN595B LED61/840 P47PSD D200 WB G2	4000 K	80	131 lm/W	6,120 lm
911401596443	DN589B LED12/830 P8PSU D150 WB G2	3000 K	80	135 lm/W	1,110 lm
911401597843	DN592B LED27/840 P22PSD D150 WB G2	4000 K	80	127 lm/W	2,720 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401591443	DN589B LED10/930 P8PSU D100 WB G2	8.4 W
911401501544	DN591X LED19/840 P13WIA D200 WB G2	12.9 W
911401501844	DN593B LED29/830 P20PSU D200 WB G2	20.1 W

Order Code	Full Product Name	Power Consumption
911401599743	DN595B LED61/840 P47PSD D200 WB G2	46.6 W
911401596443	DN589B LED12/830 P8PSU D150 WB G2	8.2 W
911401597843	DN592B LED27/840 P22PSD D150 WB G2	21.5 W

Controls and Dimming

LuxSpace Pro

Order Code	Full Product Name	Dimmable	Maximum dim level
911401591443	DN589B LED10/930 P8PSU D100 WB G2	No	–
911401501544	DN591X LED19/840 P13WIA D200 WB G2	Yes	1%
911401501844	DN593B LED29/830 P20PSU D200 WB G2	No	–

Order Code	Full Product Name	Dimmable	Maximum dim level
911401599743	DN595B LED61/840 P47PSD D200 WB G2	Yes	1%
911401596443	DN589B LED12/830 P8PSU D150 WB G2	No	–
911401597843	DN592B LED27/840 P22PSD D150 WB G2	Yes	1%

www.lighting.philips.com

2024, October 3 – data subject to change