PHILIPS

Lighting



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

LuxSpace, recessed

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also user costs where they see much bigger impact on return. Therefore, LuxSpace is designed to provide the perfect combination of efficiency, visual comfort and design, without compromising on lighting performance (color rendering and light distribution). It offers a wide choice of options for creating the desired ambience to support user comfort, no matter the application is. For office applications LuxSpace supports health and wellbeing having dedicated Tunable White products and lighting controls.

Benefits

- Best-in-class efficacy with up to 160lm/W
- Creates a gentle, natural light, ensuring visual comfort
- Perfect ceiling integration with narrow rim or rimless version for plaster ceilings
- Improved glare control with office compliancy
- High color quality with CRI90 option (R9>50)
- Provides uniform lighting thanks to wide light distribution
- Supports Human Centric Lighting with Tunable White and integrated lighting controls

LuxSpace, recessed

Features

- Mini (DN560B/DN561B) and compact (DN570B/DN571B) sizes for recessed
- Square recessed (DN572B) and surface-mounted round (DN570C) versions in compact
- Choice of four optics: high-gloss, facetted, matt and white
- UGR19 and UGR22 versions with different product heights
- Selection of colors: High-gloss metalized, white (RAL9003), grey (RAL9006), black (RAL9004) as standard (any other RAL color possible upon request)
- Compliant for central emergency lighting with DC (upon request)
- Multiple additional options: PG and PGO (IP54 front face), emergency lighting (single battery 3 hours), suspended deco glasses, through-wiring, Eca and B2ca cable & connector options
- Extended useful lifetime 50,000 hours at L90

Application

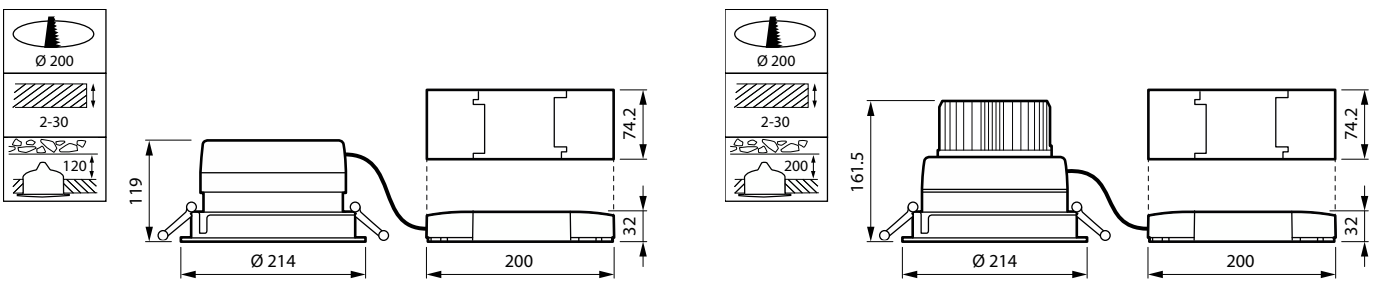
- Retail
- Offices
- Hospitals and Care Centers
- Hospitality
- Airports
- Museums
- Atriums

Versions



IPPR DN570Bi 0001

Dimensional drawing



LuxSpace, recessed

General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes

Light Technical	
Color rendering index (CRI)	>80
Optic type	-

Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Yes

Mechanical and Housing	
Housing Color	White
Mech. impact protection code	IK02
Ingress protection code	IP20

Approval and Application	
Ambient temperature range	+10 to +25 °C
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
910505100904	DN570B LED60S/840 PSU-E C WH	-	4000 K	141 lm/W	6,200 lm
910505100871	DN571B LED24S/840 PSU-E C WH	-	4000 K	141 lm/W	2,600 lm
910505100887	DN571B LED40S/840 PSU-E C WH	-	4000 K	147 lm/W	4,400 lm
910505100902	DN571B LED40S/TWH PSD-E C WH	- degree(s)	Tunable white 2700-6500 K	100 lm/W	3,100 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505100904	DN570B LED60S/840 PSU-E C WH	44 W
910505100871	DN571B LED24S/840 PSU-E C WH	18.4 W

Order Code	Full Product Name	Power Consumption
910505100887	DN571B LED40S/840 PSU-E C WH	30 W
910505100902	DN571B LED40S/TWH PSD-E C WH	30 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
910505100904	DN570B LED60S/840 PSU-E C WH	No	-
910505100871	DN571B LED24S/840 PSU-E C WH	No	-

Order Code	Full Product Name	Dimmable	Maximum dim level
910505100887	DN571B LED40S/840 PSU-E C WH	No	-
910505100902	DN571B LED40S/TWH PSD-E C WH	Yes	1%

Approval and Application

Order Code	Full Product Name	ENEC mark
910505100904	DN570B LED60S/840 PSU-E C WH	ENEC mark
910505100871	DN571B LED24S/840 PSU-E C WH	ENEC mark

Order Code	Full Product Name	ENEC mark
910505100887	DN571B LED40S/840 PSU-E C WH	ENEC mark
910505100902	DN571B LED40S/TWH PSD-E C WH	-

Initial Performance (IEC Compliant)

LuxSpace, recessed

Order Code	Full Product Name	Initial chromaticity
910505100904	DN570B LED60S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2
910505100871	DN571B LED24S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2

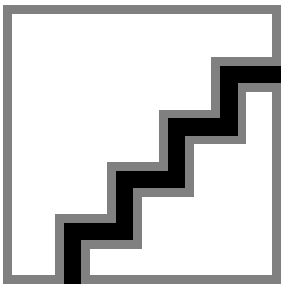
Order Code	Full Product Name	Initial chromaticity
910505100887	DN571B LED40S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2
910505100902	DN571B LED40S/TWH PSD-E C WH	(0.307,0.326) SDCM≦4

Product Data

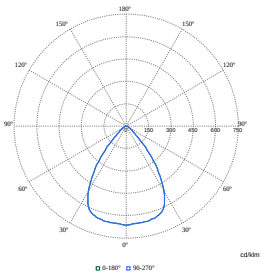
Order Code	Full Product Name	Product family code
910505100904	DN570B LED60S/840 PSU-E C WH	DN570B
910505100871	DN571B LED24S/840 PSU-E C WH	DN571B

Order Code	Full Product Name	Product family code
910505100887	DN571B LED40S/840 PSU-E C WH	DN571B
910505100902	DN571B LED40S/TWH PSD-E C WH	DN571B

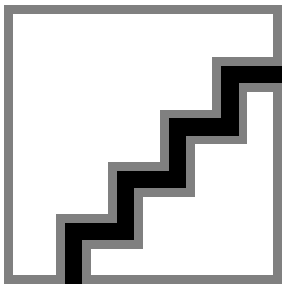
Polar Wide Diagrams



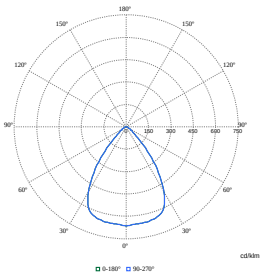
Polar Normal (separate) - DN570BI - 910505100904



Polar Normal (separate) - DN570BI - 910505100902



Polar Normal (separate) - DN570BI - 910505100887



Polar Normal (separate) - DN570BI - 910505100871

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