



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

## LuxSpace square, recessed

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (color rendering and color uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

### Benefits

- Best-in-class efficacy
- Creates a gentle, natural light, ensuring visual comfort
- Perfect integration with the ceiling thanks to the thin, narrow rim; rimless version ideal for integration into plaster ceilings

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## Features

- Choice of four optics: high-gloss, faceted, matt and white
- Rim colors: high-gloss metalized, white (RAL9010), grey, black (RAL9004) as standard (any other RAL color possible upon request)
- Rimless version available
- Compliant for central emergency lighting with DC
- Multiple additional options: emergency lighting (single battery 3 hours), through-wiring

## Application

- Offices
- Retail
- Hospitals
- Hotels
- Airports

## Specifications

<b>Type</b>	DN572B (square, recessed version)
<b>Ceiling type</b>	Plaster (board) ceiling
<b>Ceiling grid</b>	200 x 200 mm
<b>Light source</b>	Non replaceable LED module
<b>Power</b>	11, 18 or 22 W
<b>Light color</b>	830, 840, 930 and 827
<b>Color Rendering Index</b>	> 80 90 (available in 3000 K)
<b>Median useful life</b>	70,000 hours
<b>L70B50</b>	
<b>Median useful life</b>	50,000 hours
<b>L80B50</b>	
<b>Median useful life</b>	25,000 hours
<b>L90B50</b>	
<b>Average ambient temperature</b>	25 °C
<b>Operating temperature range</b>	+10 to +40 °C
<b>Driver</b>	Separate
<b>Mains voltage</b>	230 or 240 V / 50-60 Hz
<b>Dimming</b>	DALI dimming possible (PSED-E)

<b>Options</b>	Emergency lighting 3 hours (EL3) Through-wiring Rimless version for plaster ceiling External or plug-in 3-pole Wieland/Adels connector
<b>Material</b>	Housing and rim: aluminum Reflector: plastic, aluminum coated (for high-gloss and faceted optics)
<b>Color</b>	Rim: white (RAL 9010), grey (similar to RAL 9006), black (RAL 9005) or high-gloss metalized Other RAL colors available on request
<b>Optic</b>	High-gloss mirror (C) Matt mirror (M) Faceted reflector (F) White reflector (WR)
<b>Connection</b>	Push-in connector or with pull relief Multiple cords and plugs available
<b>Installation</b>	Fixation by means of spring fasteners
<b>Remarks</b>	External driver included Through-wiring possible
<b>Remarks</b>	External driver included

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## Versions



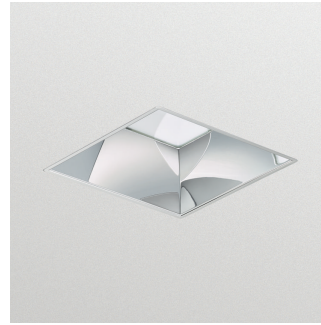
LuxSpace2 Square - LED Module,  
system flux 1200 lm



LuxSpace2 Square - LED Module,  
system flux 1200 lm



LuxSpace2 Square - LED Module,  
system flux 2000 lm



## Product details



Rounded corners and parallel lines  
enhance your ceiling design

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### Application Conditions

Ambient temperature range	+10 to +25 °C
Suitable for random switching	Yes

### Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

### Operating and Electrical

Input Voltage	220 to 240 V
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### General Information

Cap-Base	-
CE mark	CE mark
Protection class IEC	Safety class II (II)
Optical cover/lens type	No
Decorative accessories	No
Driver included	Yes
Emergency lighting	No
ENEC mark	ENEC mark
Flammability mark	F
Gear	-
Glow-wire test	850/5
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Product Family Code	DN572B
UL mark	-

### Initial Performance (IEC Compliant)

Init. Colour Rendering Index	>80
Luminous flux tolerance	+/-10%

### Light Technical

Optical cover/lens acc. type	No
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### Application Conditions

Order Code	Full Product Name	Maximum dim level
94017300	DN572B LED12S/830 PSE-E C WH	-
94018000	DN572B LED12S/840 PSE-E C WH	-
94019700	DN572B LED12S/830 PSED-VLC-E C WH	1%
94020300	DN572B LED12S/840 PSED-VLC-E C WH	1%
94025800	DN572B LED20S/830 PSE-E C WH	-
94026500	DN572B LED20S/840 PSE-E C WH	-
94027200	DN572B LED20S/830 PSED-VLC-E C WH	1%
94028900	DN572B LED20S/840 PSED-VLC-E C WH	1%
94053100	DN572B LED24S/830 PSE-E C WH	-
94054800	DN572B LED24S/840 PSE-E C WH	-
94055500	DN572B LED24S/830 PSED-VLC-E C WH	1%
94056200	DN572B LED24S/840 PSED-VLC-E C WH	1%
94021000	DN572B LED12S/830 PSE-E F WH	-
94022700	DN572B LED12S/840 PSE-E F WH	-
94023400	DN572B LED12S/830 PSED-VLC-E F WH	1%
94024100	DN572B LED12S/840 PSED-VLC-E F WH	1%
94029600	DN572B LED20S/830 PSE-E F WH	-
94030200	DN572B LED20S/840 PSE-E F WH	-
94031900	DN572B LED20S/830 PSED-VLC-E F WH	1%
94032600	DN572B LED20S/840 PSED-VLC-E F WH	1%
94060900	DN572B LED24S/840 PSED-VLC-E F WH	1%
94035700	DN572B LED20S/830 PSE-E WR WH	-
94038800	DN572B LED20S/830 PSED-VLC-E RML C	1%

### Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
94017300	DN572B LED12S/830 PSE-E C WH	No	94021000	DN572B LED12S/830 PSE-E F WH	No
94018000	DN572B LED12S/840 PSE-E C WH	No	94022700	DN572B LED12S/840 PSE-E F WH	No
94019700	DN572B LED12S/830 PSED-VLC-E C WH	Yes	94023400	DN572B LED12S/830 PSED-VLC-E F WH	Yes
94020300	DN572B LED12S/840 PSED-VLC-E C WH	Yes	94024100	DN572B LED12S/840 PSED-VLC-E F WH	Yes
94025800	DN572B LED20S/830 PSE-E C WH	No	94029600	DN572B LED20S/830 PSE-E F WH	No
94026500	DN572B LED20S/840 PSE-E C WH	No	94030200	DN572B LED20S/840 PSE-E F WH	No
94027200	DN572B LED20S/830 PSED-VLC-E C WH	Yes	94031900	DN572B LED20S/830 PSED-VLC-E F WH	Yes
94028900	DN572B LED20S/840 PSED-VLC-E C WH	Yes	94032600	DN572B LED20S/840 PSED-VLC-E F WH	Yes
94053100	DN572B LED24S/830 PSE-E C WH	No	94060900	DN572B LED24S/840 PSED-VLC-E F WH	Yes
94054800	DN572B LED24S/840 PSE-E C WH	No	94035700	DN572B LED20S/830 PSE-E WR WH	No
94055500	DN572B LED24S/830 PSED-VLC-E C WH	Yes	94038800	DN572B LED20S/830 PSED-VLC-E RML C	Yes
94056200	DN572B LED24S/840 PSED-VLC-E C WH	Yes			

### General Information

## LuxSpace square, recessed

Order Code	Full Product Name	Lamp family code	Optic type
94017300	DN572B LED12S/830 PSE-E C WH	LED12S	C
94018000	DN572B LED12S/840 PSE-E C WH	LED12S	C
94019700	DN572B LED12S/830 PSED-VLC-E C WH	LED12S	C
94020300	DN572B LED12S/840 PSED-VLC-E C WH	LED12S	C
94025800	DN572B LED20S/830 PSE-E C WH	LED20S	C
94026500	DN572B LED20S/840 PSE-E C WH	LED20S	C
94027200	DN572B LED20S/830 PSED-VLC-E C WH	LED20S	C
94028900	DN572B LED20S/840 PSED-VLC-E C WH	LED20S	C
94053100	DN572B LED24S/830 PSE-E C WH	LED24S	C
94054800	DN572B LED24S/840 PSE-E C WH	LED24S	C
94055500	DN572B LED24S/830 PSED-VLC-E C WH	LED24S	C
94056200	DN572B LED24S/840 PSED-VLC-E C WH	LED24S	C

Order Code	Full Product Name	Lamp family code	Optic type
94021000	DN572B LED12S/830 PSE-E F WH	LED12S	F
94022700	DN572B LED12S/840 PSE-E F WH	LED12S	F
94023400	DN572B LED12S/830 PSED-VLC-E F WH	LED12S	F
94024100	DN572B LED12S/840 PSED-VLC-E F WH	LED12S	F
94029600	DN572B LED20S/830 PSE-E F WH	LED20S	F
94030200	DN572B LED20S/840 PSE-E F WH	LED20S	F
94031900	DN572B LED20S/830 PSED-VLC-E F WH	LED20S	F
94032600	DN572B LED20S/840 PSED-VLC-E F WH	LED20S	F
94060900	DN572B LED24S/840 PSED-VLC-E F WH	LED24S	F
94035700	DN572B LED20S/830 PSE-E WR WH	LED20S	WR
94038800	DN572B LED20S/830 PSED-VLC-E RML C	LED20S	C

### Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
94017300	DN572B LED12S/830 PSE-E C WH	(0.43, 0.40) SDCM <3	3000 K	113 lm/W	1200 lm
94018000	DN572B LED12S/840 PSE-E C WH	(0.38, 0.37) SDCM <3	4000 K	118 lm/W	1250 lm
94019700	DN572B LED12S/830 PSED-VLC-E C WH	(0.43, 0.40) SDCM <3	3000 K	113 lm/W	1200 lm
94020300	DN572B LED12S/840 PSED-VLC-E C WH	(0.38, 0.37) SDCM <3	4000 K	118 lm/W	1250 lm
94025800	DN572B LED20S/830 PSE-E C WH	(0.43, 0.40) SDCM <3	3000 K	115 lm/W	2000 lm
94026500	DN572B LED20S/840 PSE-E C WH	(0.38, 0.37) SDCM <3	4000 K	121 lm/W	2100 lm
94027200	DN572B LED20S/830 PSED-VLC-E C WH	(0.43, 0.40) SDCM <3	3000 K	115 lm/W	2000 lm
94028900	DN572B LED20S/840 PSED-VLC-E C WH	(0.38, 0.37) SDCM <3	4000 K	121 lm/W	2100 lm
94053100	DN572B LED24S/830 PSE-E C WH	(0.43, 0.40) SDCM <3	3000 K	114 lm/W	2400 lm
94054800	DN572B LED24S/840 PSE-E C WH	(0.38, 0.37) SDCM <3	4000 K	119 lm/W	2500 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
94055500	DN572B LED24S/830 PSED-VLC-E C WH	(0.43, 0.40) SDCM <3	3000 K	114 lm/W	2400 lm
94056200	DN572B LED24S/840 PSED-VLC-E C WH	(0.38, 0.37) SDCM <3	4000 K	119 lm/W	2500 lm
94021000	DN572B LED12S/830 PSE-E F WH	(0.43, 0.40) SDCM <3	3000 K	113 lm/W	1200 lm
94022700	DN572B LED12S/840 PSE-E F WH	(0.38, 0.37) SDCM <3	4000 K	118 lm/W	1250 lm
94023400	DN572B LED12S/830 PSED-VLC-E F WH	(0.43, 0.40) SDCM <3	3000 K	113 lm/W	1200 lm
94024100	DN572B LED12S/840 PSED-VLC-E F WH	(0.38, 0.37) SDCM <3	4000 K	118 lm/W	1250 lm
94029600	DN572B LED20S/830 PSE-E F WH	(0.43, 0.40) SDCM <3	3000 K	115 lm/W	2000 lm
94030200	DN572B LED20S/840 PSE-E F WH	(0.38, 0.37) SDCM <3	4000 K	121 lm/W	2100 lm
94031900	DN572B LED20S/830 PSED-VLC-E F WH	(0.43, 0.40) SDCM <3	3000 K	115 lm/W	2000 lm
94032600	DN572B LED20S/840 PSED-VLC-E F WH	(0.38, 0.37) SDCM <3	4000 K	121 lm/W	2100 lm

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
	PSED-VLC-E F WH				
94060900	DN572B LED24S/840 PSED-VLC-E F WH	(0.38, 0.37)	4000 K	119 lm/W	2500 lm
	LED24S/840 SDCM <3				
94035700	DN572B LED20S/830 PSE-E WR WH	(0.43, 0.40)	3000 K	109 lm/W	1900 lm
	LED20S/830 SDCM <3				

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
94038800	DN572B LED20S/830 PSED-VLC-E RML C	(0.43, 0.40)	3000 K	115 lm/W	2000 lm
	LED20S/830 SDCM <3				

### Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
94017300	DN572B LED12S/830 PSE-E C WH	10.6 W
94018000	DN572B LED12S/840 PSE-E C WH	10.6 W
94019700	DN572B LED12S/830 PSED-VLC-E C WH	10.6 W
94020300	DN572B LED12S/840 PSED-VLC-E C WH	10.6 W
94025800	DN572B LED20S/830 PSE-E C WH	17.4 W
94026500	DN572B LED20S/840 PSE-E C WH	17.4 W
94027200	DN572B LED20S/830 PSED-VLC-E C WH	17.4 W
94028900	DN572B LED20S/840 PSED-VLC-E C WH	17.4 W
94053100	DN572B LED24S/830 PSE-E C WH	21 W
94054800	DN572B LED24S/840 PSE-E C WH	21 W
94055500	DN572B LED24S/830 PSED-VLC-E C WH	21 W
94056200	DN572B LED24S/840 PSED-VLC-E C WH	21 W

Order Code	Full Product Name	Initial input power
94021000	DN572B LED12S/830 PSE-E F WH	10.6 W
94022700	DN572B LED12S/840 PSE-E F WH	10.6 W
94023400	DN572B LED12S/830 PSED-VLC-E F WH	10.6 W
94024100	DN572B LED12S/840 PSED-VLC-E F WH	10.6 W
94029600	DN572B LED20S/830 PSE-E F WH	17.4 W
94030200	DN572B LED20S/840 PSE-E F WH	17.4 W
94031900	DN572B LED20S/830 PSED-VLC-E F WH	17.4 W
94032600	DN572B LED20S/840 PSED-VLC-E F WH	17.4 W
94060900	DN572B LED24S/840 PSED-VLC-E F WH	21 W
94035700	DN572B LED20S/830 PSE-E WR WH	17.4 W
94038800	DN572B LED20S/830 PSED-VLC-E RML C	17.4 W

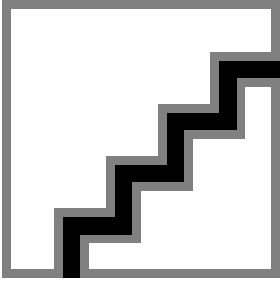
### Mechanical and Housing

Order Code	Full Product Name	Colour
94017300	DN572B LED12S/830 PSE-E C WH	White RAL 9003
94018000	DN572B LED12S/840 PSE-E C WH	White RAL 9003
94019700	DN572B LED12S/830 PSED-VLC-E C WH	White RAL 9003
94020300	DN572B LED12S/840 PSED-VLC-E C WH	White RAL 9003
94025800	DN572B LED20S/830 PSE-E C WH	White RAL 9003
94026500	DN572B LED20S/840 PSE-E C WH	White RAL 9003
94027200	DN572B LED20S/830 PSED-VLC-E C WH	White RAL 9003
94028900	DN572B LED20S/840 PSED-VLC-E C WH	White RAL 9003
94053100	DN572B LED24S/830 PSE-E C WH	White RAL 9003
94054800	DN572B LED24S/840 PSE-E C WH	White RAL 9003
94055500	DN572B LED24S/830 PSED-VLC-E C WH	White RAL 9003
94056200	DN572B LED24S/840 PSED-VLC-E C WH	White RAL 9003

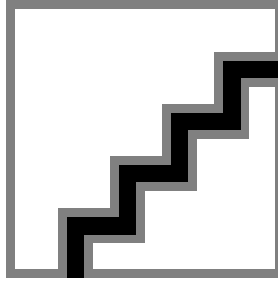
Order Code	Full Product Name	Colour
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94022700	DN572B LED12S/840 PSE-E F WH	White RAL 9003
94023400	DN572B LED12S/830 PSED-VLC-E F WH	White RAL 9003
94024100	DN572B LED12S/840 PSED-VLC-E F WH	White RAL 9003
94029600	DN572B LED20S/830 PSE-E F WH	White RAL 9003
94030200	DN572B LED20S/840 PSE-E F WH	White RAL 9003
94031900	DN572B LED20S/830 PSED-VLC-E F WH	White RAL 9003
94032600	DN572B LED20S/840 PSED-VLC-E F WH	White RAL 9003
94060900	DN572B LED24S/840 PSED-VLC-E F WH	White RAL 9003
94035700	DN572B LED20S/830 PSE-E WR WH	White RAL 9003
94038800	DN572B LED20S/830 PSED-VLC-E RML C	Chrome

# LuxSpace square, recessed

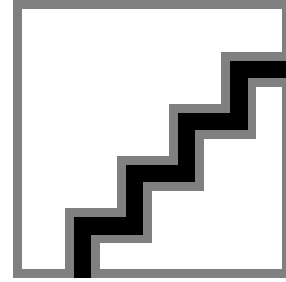
## Polar Wide Diagrams



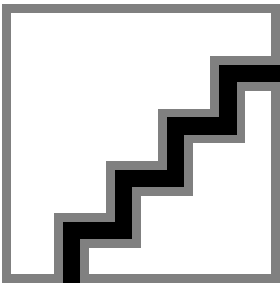
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Normal (separate)



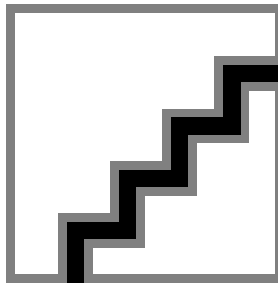
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Normal (separate)



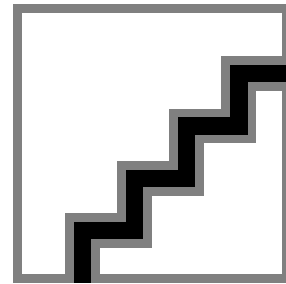
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Normal (separate)



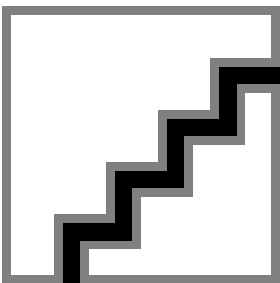
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Normal (separate)



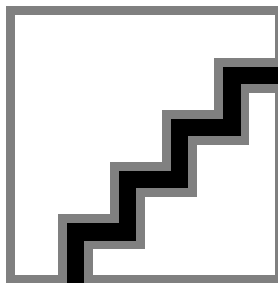
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Normal (separate)



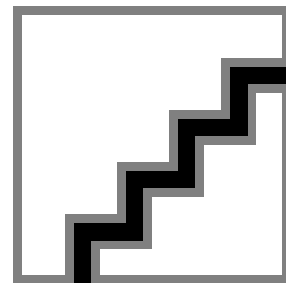
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Normal (separate)



IFPS\_DN572B PSE-E 1xLED12S/840 F-Polar  
Normal (separate)



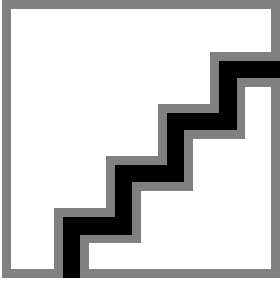
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Normal (separate)



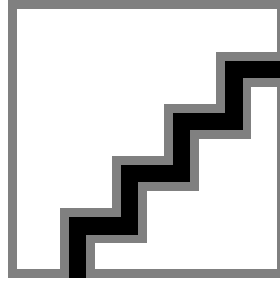
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Normal (separate)

# LuxSpace square, recessed

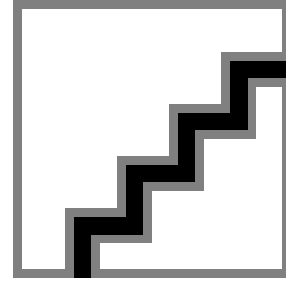
## Polar Wide Diagrams



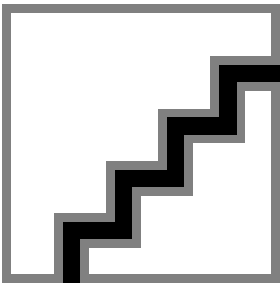
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Normal (separate)



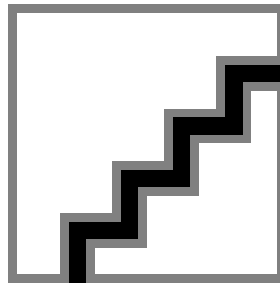
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Normal (separate)



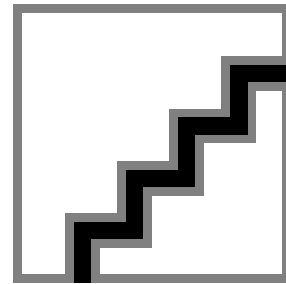
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Normal (separate)



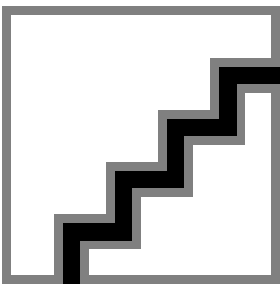
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Normal (separate)



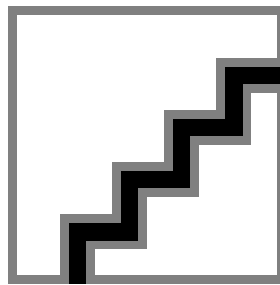
IFPS\_DN572B PSE-E 1xLED20S/827 WR-Polar  
Normal (separate)



IFPS\_DN572B PSE-E 1xLED20S/840 WR-Polar  
Normal (separate)



IFPS\_DN572B PSE-E 1xLED24S/840 WR-Polar  
Normal (separate)



IFPS\_DN572B PSE-E 1xLED24S/930 WR-Polar  
Normal (separate)



## LuxSpace square, recessed

