



# LuxSpace, recessed

#### DN570B LED40S/830 PSU-E C WH

LUXSPACE 2 COMPACT LOW HEIGHT, LED module, system flux 4000 lm, 830 warm white, Power supply unit DC-compatible, external, High-gloss mirror, White RAL 9003

Customers are looking to optimise 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 (colour rendering and colour uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

#### **Product data**

General Information	
Lamp family code	LED40S [LED module, system flux 4000 lm]
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the B10. Therefore, the median

	useful life (B50) value also represents the B10
	value.
Product family code	DN570B [LUXSPACE 2 COMPACT LOW
	HEIGHT]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	No

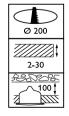
Datasheet, 2023, December 5 data subject to change

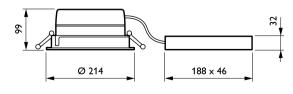
## LuxSpace, recessed

Light Technical	
Luminous Flux	4,200 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	124 lm/W
Colour rendering index (CRI)	>80
Light source colour	830 warm white
Optic type	High-gloss mirror
Optical cover type	-
Luminaire light beam spread	80°
Unified Glare Rating (CEN)	25
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	14.5 A
Inrush time	0.220 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	32
В	
Temperature	
Ambient temperature range	+10 to +25 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit DC-compatible, external
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium die cast
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White RAL 9003

Overall height 96.5 mm  Overall diameter 214 mm  Approval and Application Ingress protection code IP20 [Finger-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10% Initial chromaticity (0.43, 0.40) SDCMs2 Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant) Control gear failure rate at median useful 5% Iife 50,000 h Lumen maintenance at median useful L90 Iife* 100,000 h  Lumen maintenance at median useful L80 Iife* 100,000 h  Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes  Product Data Order product name DN570B LED40S/830 PSU-E C WH Full EOC 871829194120000 Order code 94120000 Material no. (12 NC) 910503706635 SAP numerator - quantity per pack 1 EAN/UPC - Product/Case 8718291941200 Numerator - packs per outer box 1 EAN/UPC - Case 87182919141200	Optical cover/lens finish	Frosted
Approval and Application  Ingress protection code	Overall height	96.5 mm
Ingress protection code  Mech. impact protection code  IK02 [0.2 J standard]  Protection class IEC  Safety class II  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Initial chromaticity (0.43, 0.40) SDCMs2  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 50,000 h  Lumen maintenance at median useful L90  Life* 50,000 h  Lumen maintenance at median useful L80  life* 100,000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Suitable for random switching Yes  Product Data  Order product name DN570B LED40S/830 PSU-E C WH  Full product name DN570B LED40S/830 PSU-E C WH  Full Product name DN570B LED40S/830 PSU-E C WH  Full EOC 871829194120000  Order code 94120000  Material no. (12 NC) 910503706635  SAP numerator – quantity per pack 1  EAN/UPC — Product/Case 8718291941200  Numerator – packs per outer box 1	Overall diameter	214 mm
Ingress protection code  Mech. impact protection code  IK02 [0.2 J standard]  Protection class IEC  Safety class II  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Initial chromaticity (0.43, 0.40) SDCMs2  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 50,000 h  Lumen maintenance at median useful L90  Life* 50,000 h  Lumen maintenance at median useful L80  life* 100,000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Suitable for random switching Yes  Product Data  Order product name DN570B LED40S/830 PSU-E C WH  Full product name DN570B LED40S/830 PSU-E C WH  Full Product name DN570B LED40S/830 PSU-E C WH  Full EOC 871829194120000  Order code 94120000  Material no. (12 NC) 910503706635  SAP numerator – quantity per pack 1  EAN/UPC — Product/Case 8718291941200  Numerator – packs per outer box 1		
Mech. impact protection code    IKO2 [0.2 J standard]	Approval and Application	
Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Initial chromaticity (0.43, 0.40) SDCMs2  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful 5%  life 50,000 h  Lumen maintenance at median useful L90  life* 50,000 h  Lumen maintenance at median useful L80  life* 100,000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Suitable for random switching Yes  Product Data  Order product name DN570B LED40S/830 PSU-E C WH  Full product name DN570B LED40S/830 PSU-E C WH  Full EOC 871829194120000  Order code 94120000  Material no. (12 NC) 910503706635  SAP numerator – quantity per pack 1  EAN/UPC — Product/Case 8718291941200  Numerator – packs per outer box 1	Ingress protection code	IP20 [Finger-protected]
Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Initial chromaticity (0.43, 0.40) SDCMs2  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful 5 %  life 50,000 h  Lumen maintenance at median useful L90  life* 50,000 h  Lumen maintenance at median useful L80  life* 100,000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Suitable for random switching Yes  Product Data  Order product name DN570B LED40S/830 PSU-E C WH  Full product name DN570B LED40S/830 PSU-E C WH  Full EOC 871829194120000  Order code 94120000  Material no. (12 NC) 910503706635  SAP numerator – quantity per pack 1  EAN/UPC — Product/Case 8718291941200  Numerator – packs per outer box 1	Mech. impact protection code	IK02 [0.2 J standard]
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Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful 5 %  life 50,000 h  Lumen maintenance at median useful L90  life* 50,000 h  Lumen maintenance at median useful L80  life* 100,000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Suitable for random switching Yes  Product Data  Order product name DN570B LED40S/830 PSU-E C WH  Full product name DN570B LED40S/830 PSU-E C WH  Full EOC 871829194120000  Order code 94120000  Material no. (12 NC) 910503706635  SAP numerator – quantity per pack 1  EAN/UPC — Product/Case 8718291941200  Numerator – packs per outer box 1	Luminous flux tolerance	+/-10%
Over Time Performance (IEC Compliant)  Control gear failure rate at median useful 5 %  life 50,000 h  Lumen maintenance at median useful L90  life* 50,000 h  Lumen maintenance at median useful L80  life* 100,000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Suitable for random switching Yes  Product Data  Order product name DN570B LED40S/830 PSU-E C WH  Full product name DN570B LED40S/830 PSU-E C WH  Full EOC 871829194120000  Order code 94120000  Material no. (12 NC) 910503706635  SAP numerator – quantity per pack 1  EAN/UPC — Product/Case 8718291941200  Numerator – packs per outer box 1	Initial chromaticity	(0.43, 0.40) SDCM≤2
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Life 50,000 h  Lumen maintenance at median useful Life* 50,000 h  Lumen maintenance at median useful Life* 100,000 h  Application Conditions Performance ambient temperature Tq 25 °C  Suitable for random switching Yes  Product Data  Order product name DN570B LED405/830 PSU-E C WH Full product name DN570B LED40S/830 PSU-E C WH Full EOC 871829194120000  Order code 94120000  Material no. (12 NC) 910503706635  SAP numerator – quantity per pack 1  EAN/UPC — Product/Case 8718291941200  Numerator – packs per outer box 1	Over Time Performance (IEC Compl	iant)
Lumen maintenance at median useful life* 50,000 h  Lumen maintenance at median useful life* 100,000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Suitable for random switching Yes  Product Data  Order product name DN570B LED40S/830 PSU-E C WH  Full product name DN570B LED40S/830 PSU-E C WH  Full EOC 871829194120000  Order code 94120000  Material no. (12 NC) 910503706635  SAP numerator – quantity per pack 1  EAN/UPC — Product/Case 8718291941200  Numerator – packs per outer box 1	Control gear failure rate at median useful	5 %
Lumen maintenance at median useful Life* 100,000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Suitable for random switching Yes  Product Data  Order product name DN570B LED40S/830 PSU-E C WH  Full product name DN570B LED40S/830 PSU-E C WH  Full EOC 871829194120000  Order code 94120000  Material no. (12 NC) 910503706635  SAP numerator – quantity per pack 1  EAN/UPC — Product/Case 8718291941200  Numerator – packs per outer box 1	life 50,000 h	
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Life* 100,000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Suitable for random switching Yes  Product Data  Order product name DN570B LED40S/830 PSU-E C WH  Full product name DN570B LED40S/830 PSU-E C WH  Full EOC 871829194120000  Order code 94120000  Material no. (12 NC) 910503706635  SAP numerator – quantity per pack 1  EAN/UPC — Product/Case 8718291941200  Numerator – packs per outer box 1	life* 50,000 h	
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Performance ambient temperature Tq         25 °C           Suitable for random switching         Yes           Product Data         Order product name         DN570B LED40S/830 PSU-E C WH           Full product name         DN570B LED40S/830 PSU-E C WH           Full EOC         871829194120000           Order code         94120000           Material no. (12 NC)         910503706635           SAP numerator – quantity per pack         1           EAN/UPC — Product/Case         8718291941200           Numerator – packs per outer box         1	life* 100,000 h	
Performance ambient temperature Tq         25 °C           Suitable for random switching         Yes           Product Data         Order product name         DN570B LED40S/830 PSU-E C WH           Full product name         DN570B LED40S/830 PSU-E C WH           Full EOC         871829194120000           Order code         94120000           Material no. (12 NC)         910503706635           SAP numerator – quantity per pack         1           EAN/UPC — Product/Case         8718291941200           Numerator – packs per outer box         1		
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Order product name         DN570B LED40S/830 PSU-E C WH           Full product name         DN570B LED40S/830 PSU-E C WH           Full EOC         871829194120000           Order code         94120000           Material no. (12 NC)         910503706635           SAP numerator – quantity per pack         1           EAN/UPC — Product/Case         8718291941200           Numerator – packs per outer box         1	Suitable for random switching	Yes
Order product name         DN570B LED40S/830 PSU-E C WH           Full product name         DN570B LED40S/830 PSU-E C WH           Full EOC         871829194120000           Order code         94120000           Material no. (12 NC)         910503706635           SAP numerator – quantity per pack         1           EAN/UPC — Product/Case         8718291941200           Numerator – packs per outer box         1		
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	EAN/UPC — Product/Case	8718291941200
<b>EAN/UPC - Case</b> 8718291941200	Numerator – packs per outer box	1
	EAN/UPC - Case	8718291941200

## Dimensional drawing





#### LuxSpace, recessed



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