



Hidden beauty

LuxSpace luminaire family



PHILIPS



Stars in your ceiling

Introducing the innovation-driven LuxSpace – our newly improved LED general application downlight that offers aesthetic appeal, flexibility and best in class performance.

A new mid power LED source uses less energy, produces less heat and has a more diffused light, giving better comfort. Design-led improvements include a completely new architecture, better aesthetics and a reduced profile that helps to give a cleaner look to ceilings. With two height variants, four standard finishes for rim and optics, plus custom options available, the choice really is yours.

4/5

Subtle design, smooth ceilings

12/13

Variants and custom options

6/7

A top performer in any space

14/15

LuxSpace in situ

8/9

Designed with flexibility in mind

16/17

Choice Sheet

10/11

Cool design

18/19

Ordering codes

Subtle design, smooth ceilings



LuxSpace



LuxSpace rimless

Our refined LuxSpace now has a much thinner rim, narrower in width and profile, making it easier for you to integrate it into your ceiling architecture – helping to reduce ceiling clutter and promoting smooth and unobtrusive lines.

We have worked hard to reduce the luminaire's height too and the introduction of an upgraded mid flux LED source means there is now no need for fins, resulting in optimized architecture and a smooth, compact design. Design-led and innovation driven, LuxSpace combines subtle beauty, a reduced profile and energy efficiency in one aesthetically pleasing package. To complement your ceiling architecture, optics options include gloss, matt, faceted and white as standard. Rim colors include White, Grey, Black and a High-gloss option, with an infinite range of custom options available too. To blend perfectly with plaster ceilings we have also created a rimless version.

Wilfried Daniels, Design Consultant



"Light quality, efficiency and look and feel were key considerations during the co-creation and design process. The timeless design of the LuxSpace downlight features a slim rim that blends easily into ceiling environments without creating clutter. The architecture of the product was conceived to offer the customer a wide variety of combinations, enabling them to create their own environment by making use of different reflectors and color trims. A lot of attention has been paid with regard to the clean surface treatment (heat sink), balanced volumes and the large emitting glass plate, to give a comfortable and soft light effect within the technical limitations."

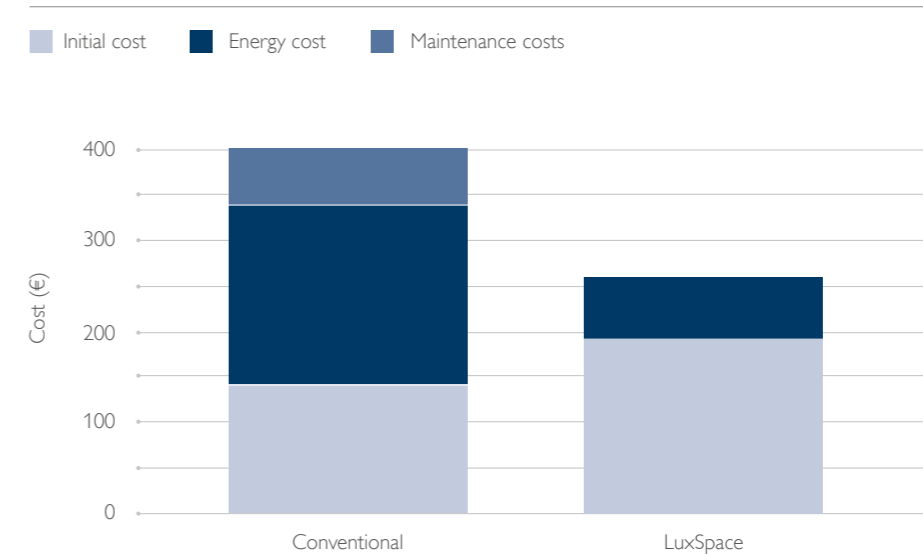
A top performer in any space

LuxSpace has an even more efficient mid power LED source, which features low energy consumption and delivers best in class efficacy: up to 111 lm/W.



LuxSpace 'deep' is fully office compliant and meets UGR19 standards, while the 'low height' version meets UGR22 standards, making it suitable for a wide variety of applications, for example, general office lighting, public spaces or reception desks. Lumens per Watt performance figures are impressive too – up to 105 lm/W in Warm White (3000K) and up to 111 lm/W in Neutral White (4000K), which means low total cost of ownership and speedy return on investment for building owners or managers. To help promote feelings of wellbeing, combat tiredness and increase efficiency, we have made LuxSpace's light even easier on the eye. Visual comfort is increased with a soft, natural light achieved through a much larger Light Emitting Surface.

LuxSpace – total cost of ownership over a 10 year period*

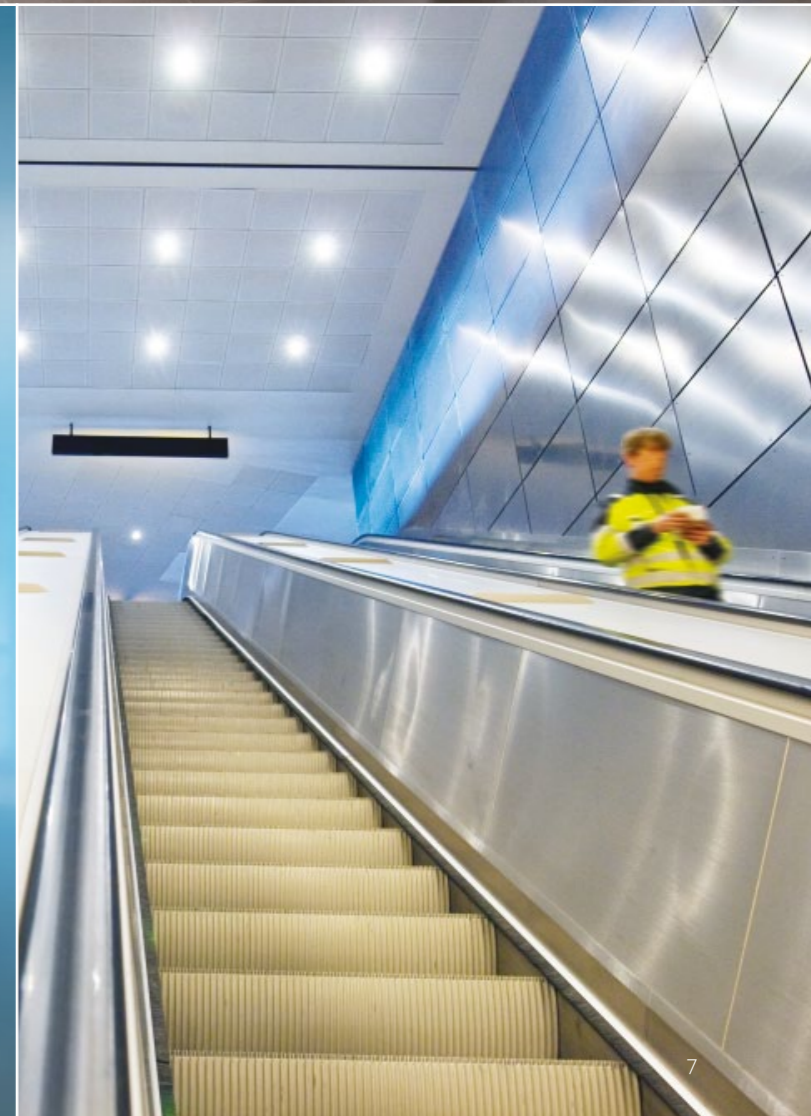


*Energy price €/kWh (10 year average price): 0.12€. Operational hours per year: 3000. Maintenance cost: Given per lighting point including replacement and lamp cost (€).

Designed with flexibility in mind

We designed LuxSpace for maximum flexibility.

From offices and meeting rooms to reception areas and corridors, LuxSpace works perfectly as a general lighting solution. It's suitable for a wide range of sectors too – education, hospitality, healthcare or retail applications to name just a few. With two height versions plus an infinite range of custom finishes available, the general lighting possibilities are endless, so whatever lighting scheme or effect you have in mind for your space we're confident we can help you achieve it.



Cool design

LuxSpace has a completely new design architecture. In short, we've looked at everything, from form to function.

A new mid power LED source means less energy use and cooler running, so no fins are needed – this allowed us to create a sleeker look and to give the aluminum housing a smoother profile. This minimalist approach continues with the aluminum installation rim. Its reduced dimensions, in both profile and section, provide a more elegant solution and free up space for a much larger diffuser to produce its soft, natural light.

For maximum flexibility our range has two height variants, the 'low height' 99mm version, compliant up to UGR22 and suitable for a wide range of applications and the 'deep' 121mm version for a less visible light source, that meets UGR19 standards and is suitable for deeper ceilings.



Variants and custom options



High-gloss



Matt



White



Facetted

Whatever you want to achieve with general lighting, LuxSpace can help.

Optics are available in High-gloss, Facetted, Matt and White versions. Two sizes, four standard rim finishes, plus four secondary optics choices should be enough for most applications. But if one of these combinations doesn't fit your scheme perfectly we can create a custom version for you, with color and optics finished to your unique specifications. With more than 20,000 combinations of optics and finishes possible, we're confident that we can create something special for you. And if you require a specific lumen output or a different color temperature we can do that too. Just ask us.

White



Gray



Black

















High-gloss





Choice sheet

Version PFC	Light source	Lumen package*	Typical Power Maximum efficacy	Lamp color	Driver	Housing configuration	Optic	Emergency lighting	Colors	Cover (also available as accessory)	Suspended glasses (not compatible with EL3)
DN570B Recessed low height 	LED12S	1350 lm (C and F)	12.6 W Up to 107 lm/W	3000K (830)	PSE-E Static, DC compatible for central emergency lighting	with rim	C (High-gloss) 	No EL3 (3h single battery) EL (centrally supplied luminaire)	WH (RAL 9010) GR (similar to 9006) BK (RAL 9005) CR (High-gloss rim) NB: CR also used as colour of rimless version (default color)	PG Protection glass IP54 (front face)  PGO PG + diffusive film IP54 (front face), not compatible with EL3 	SG-O Opal suspended glass 
		1150 lm (M)									
		1300 lm (WR)									
	LED20S	2200 lm (C and F)	21 W (3000K)								
		1850 lm (M)	19.8 W (4000K)								
		2100 lm (WR)	Up to 111 lm/W								
DN570C Surface-mounted low height 	LED24S	2600 lm (C and F)	25.5 W (3000K) 24 W (4000K) Up to 108 lm/W	4000K (840)	PSED-E Dali (1-100%), DC compatible for central emergency lighting	with rim	F (Facetted) 	No EL (centrally supplied luminaire)	WH (RAL 9010) GR (similar to 9006) BK (RAL 9005)	PG Protection glass (IP20) PGO PG + diffusive film (IP20)	SG-HR-FR Halo suspended glass 
		2200 lm (M)									
		2500 lm (WR)									
	LED12S	1300 lm (C and F)	12.6 W Up to 103 lm/W								
		1000 lm (M)									
		1250 lm (WR)									
LED20S	2100 lm (C and F)	21 W (3000K)									
	1650 lm (M)	19.8 W (4000K)									
	2000 lm (WH)	Up to 106 lm/W									
DN571B Recessed deep 	LED24S	2500 lm (C and F)	25.5 W (3000K) 24 W (4000K) Up to 104 lm/W	4000K (840)	PSED-E Dali (1-100%), DC compatible for central emergency lighting	with rim	M (Matt) 	No EL3 (3h single battery) EL (centrally supplied luminaire)	WH (RAL 9010) GR (similar to 9006) BK (RAL 9005) CR (High-gloss rim) NB: CR also used as colour of rimless version (default color)	PG Protection glass IP54 (front face) PGO PG + diffusive film IP54 (front face), not compatible with EL3	SG-FRC Opal disc suspended glass 
		1950 lm (M)									
		2400 lm (WR)									
	LED12S	1300 lm (C and F)	12.6 W Up to 103 lm/W								
		1000 lm (M)									
		1250 lm (WR)									
LED20S	2100 lm (C and F)	21 W (3000K)									
	1650 lm (M)	19.8 W (4000K)									
	2000 lm (WH)	Up to 106 lm/W									
DN571C Surface-mounted deep 	LED24S	2500 lm (C and F)	25.5 W (3000K) 24 W (4000K) Up to 104 lm/W	4000K (840)	PSED-E Dali (1-100%), DC compatible for central emergency lighting	with rim	WR (White Reflector) 	No EL (centrally supplied luminaire)	WH (RAL 9010) GR (similar to 9006) BK (RAL 9005)	PG Protection glass (IP20) PGO PG + diffusive film (IP20)	SG-FRC Opal disc suspended glass 
		1950 lm (M)									
		2400 lm (WR)									
	LED12S	1300 lm (C and F)	12.6 W Up to 103 lm/W								
		1000 lm (M)									
		1250 lm (WR)									
LED20S	2100 lm (C and F)	21 W (3000K)									
	1650 lm (M)	19.8 W (4000K)									
	2000 lm (WH)	Up to 106 lm/W									

UGR scale

- UGR <19
- UGR <22
- UGR <25

*Without accessories

General information

- Color rendering index >80
- Color consistency 5SDCM
- GWT 850°C
- Lifetime (L80B50) 50,000 hours
- Sustainability Halogen free cables



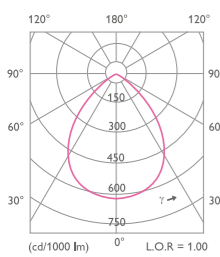
Ordering codes



LuxSpace low height

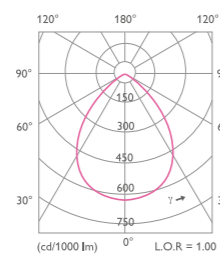
Product ID	Ordering code	Product ID	Ordering code
High-gloss reflector, white rim			
DN570B LED12S/830 PSE-E C WH	910503586415	871829193040200	
DN570B LED12S/840 PSE-E C WH	910503586515	871829193041900	
DN570B LED12S/830 PSED-E C WH	910503586615	871829193042600	
DN570B LED12S/840 PSED-E C WH	910503586715	871829193043300	
DN570B LED20S/830 PSE-E C WH	910503587615	871829193052500	
DN570B LED20S/840 PSE-E C WH	910503587715	871829193053200	
DN570B LED20S/830 PSED-E C WH	910503587815	871829193054900	
DN570B LED20S/840 PSED-E C WH	910503587915	871829193055600	
DN570B LED24S/830 PSE-E C WH	910503590415	871829193080800	
DN570B LED24S/840 PSE-E C WH	910503590515	871829193081500	
DN570B LED24S/830 PSED-E C WH	910503590615	871829193082200	
DN570B LED24S/840 PSED-E C WH	910503590715	871829193083900	
High-gloss reflector, white rim			
DN570B LED20S/830 PSE-E C CR	910503589215	871829193068600	
DN570B LED20S/830 PSED-E C CR	910503589315	871829193069300	
Matt reflector, white rim			
DN570B LED12S/830 PSE-E M WH	910503587215	871829193048800	
DN570B LED12S/830 PSED-E M WH	910503587315	871829193049500	
DN570B LED20S/830 PSE-E M WH	910503588415	871829193060000	
DN570B LED20S/830 PSED-E M WH	910503588515	871829193061700	
Facetted reflector, white rim			
DN570B LED12S/830 PSE-E F WH	910503586815	871829193044000	
DN570B LED12S/840 PSE-E F WH	910503586915	871829193045700	
DN570B LED12S/830 PSED-E F WH	910503587015	871829193046400	
DN570B LED12S/840 PSED-E F WH	910503587115	871829193047100	
DN570B LED20S/830 PSE-E F WH	910503588015	871829193056300	
DN570B LED20S/840 PSE-E F WH	910503588115	871829193057000	
DN570B LED20S/830 PSED-E F WH	910503588215	871829193058700	
DN570B LED20S/840 PSED-E F WH	910503588315	871829193059400	
DN570B LED24S/840 PSE-E F WH	910503590815	871829193084600	
DN570B LED24S/840 PSE-E F WH	910503590915	871829193085300	
DN570B LED24S/830 PSED-E F WH	910503591015	871829193086000	
DN570B LED24S/840 PSED-E F WH	910503591115	871829193087700	
Facetted reflector, high-gloss rim			
DN570B LED20S/830 PSE-E F CR	910503589415	871829193070900	
DN570B LED20S/830 PSED-E F CR	910503589515	871829193071600	
White reflector, white rim			
DN570B LED12S/830 PSE-E WR WH	910503587415	871829193050100	
DN570B LED12S/830 PSED-E WR WH	910503587515	871829193051800	
DN570B LED20S/830 PSE-E WR WH	910503588615	871829193062400	
DN570B LED20S/830 PSED-E WR WH	910503588715	871829193063100	

Polar intensity diagrams



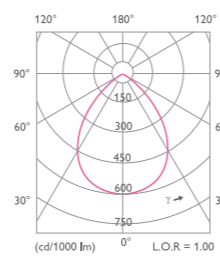
High-gloss reflector, white rim

Luminaire: DN570B
1xLED20S/830 C
Total Lamp Flux: 2200 lm
Light Output Ratio: 1.00
System Flux: 2200 lm
System Power: 21 W
HxD: 0.10x0.21 m
Ballast: -



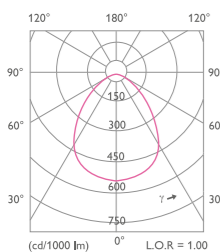
Facetted reflector, white rim

Luminaire: DN570B
1xLED20S/830 F
Total Lamp Flux: 2200 lm
Light Output Ratio: 1.00
System Flux: 2200 lm
System Power: 21 W
HxD: 0.10x0.21 m
Ballast: -



Matt reflector, white rim

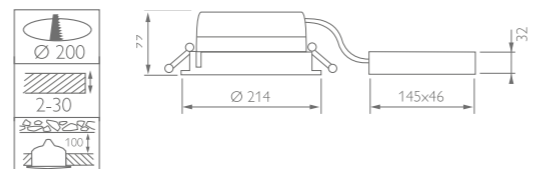
Luminaire: DN570B
1xLED20S/830 M
Total Lamp Flux: 1850 lm
Light Output Ratio: 1.00
System Flux: 1850 lm
System Power: 21 W
HxD: 0.10x0.21 m
Ballast: -



White reflector, white rim

Luminaire: DN570B 1xLED20S/830 WR
Total Lamp Flux: 2100 lm
Light Output Ratio: 1.00
System Flux: 2100 lm
System Power: 21 W
HxD: 0.10x0.21 m
Ballast: -

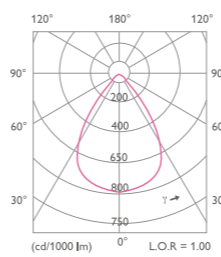
Dimensional drawing



LuxSpace deep

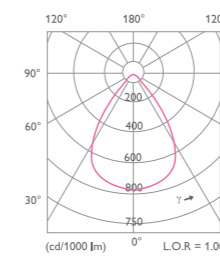
Product ID	Ordering code	Product ID	Ordering code
High-gloss reflector, white rim			
DN571B LED12S/830 PSE-E C WH	910503592915	871829193105800	
DN571B LED12S/840 PSE-E C WH	910503593015	871829193106500	
DN571B LED12S/830 PSED-E C WH	910503593115	871829193107200	
DN571B LED12S/840 PSED-E C WH	910503593215	871829193108900	
DN571B LED20S/830 PSE-E C WH	910503594115	871829193117100	
DN571B LED20S/840 PSE-E C WH	910503594215	871829193118800	
DN571B LED20S/830 PSED-E C WH	910503594315	871829193119500	
DN571B LED20S/840 PSED-E C WH	910503594415	871829193120100	
DN571B LED24S/830 PSE-E C WH	910503596915	871829193145400	
DN571B LED24S/840 PSE-E C WH	910503597015	871829193146100	
DN571B LED24S/830 PSED-E C WH	910503597115	871829193147800	
DN571B LED24S/840 PSED-E C WH	910503597215	871829193148500	
High-gloss reflector, high gloss rim			
DN571B LED20S/830 PSE-E C CR	910503595715	871829193133100	
DN571B LED20S/830 PSED-E C CR	910503595815	871829193134800	
Matt reflector, white rim			
DN571B LED12S/830 PSE-E M WH	910503593715	871829193113300	
DN571B LED12S/830 PSED-E M WH	910503593815	871829193114000	
DN571B LED20S/830 PSE-E M WH	910503594915	871829193125600	
DN571B LED20S/830 PSED-E M WH	910503595015	871829193126300	
Facetted reflector, white rim			
DN571B LED12S/830 PSE-E F WH	910503593315	871829193109600	
DN571B LED12S/840 PSE-E F WH	910503593415	871829193110200	
DN571B LED12S/830 PSED-E F WH	910503593515	871829193111900	
DN571B LED12S/840 PSED-E F WH	910503593615	871829193112600	
DN571B LED20S/830 PSE-E F WH	910503594515	871829193121800	
DN571B LED20S/840 PSE-E F WH	910503594615	871829193122500	
DN571B LED20S/830 PSED-E F WH	910503594715	871829193123200	
DN571B LED20S/840 PSED-E F WH	910503594815	871829193124900	
DN571B LED24S/830 PSE-E F WH	910503597315	871829193149200	
DN571B LED24S/840 PSE-E F WH	910503597415	871829193150800	
DN571B LED24S/830 PSED-E F WH	910503597515	871829193151500	
DN571B LED24S/840 PSED-E F WH	910503597615	871829193152200	
Facetted reflector, high-gloss rim			
DN571B LED20S/830 PSE-E F CR	910503595915	871829193135500	
DN571B LED20S/830 PSED-E F CR	910503596015	871829193136200	
White reflector, white rim			
DN571B LED12S/830 PSE-E WR WH	910503593915	871829193115700	
DN571B LED12S/830 PSED-E WR WH	910503594015	871829193116400	
DN571B LED20S/830 PSE-E WR WH	910503595115	871829193127000	
DN571B LED20S/830 PSED-E WR WH	910503595215	871829193128700	

Polar intensity diagrams



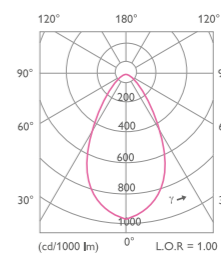
High-gloss reflector, white rim

Luminaire: DN571B
1xLED20S/830 C
Total Lamp Flux: 2100 lm
Light Output Ratio: 1.00
System Flux: 2100 lm
System Power: 21 W
HxD: 0.12x0.21 m
Ballast: -



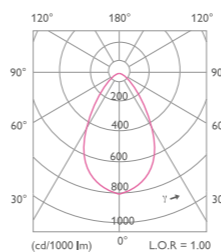
Facetted reflector, white rim

Luminaire: DN571B
1xLED20S/830 F
Total Lamp Flux: 2100 lm
Light Output Ratio: 1.00
System Flux: 2100 lm
System Power: 21 W
HxD: 0.12x0.21 m
Ballast: -



Matt reflector, white rim

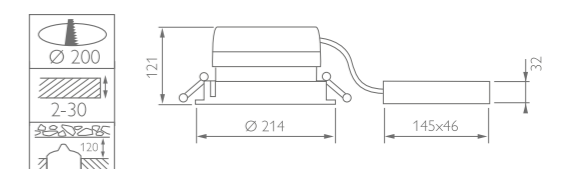
Luminaire: DN571B
1xLED20S/830 M
Total Lamp Flux: 1650 lm
Light Output Ratio: 1.00
System Flux: 1650 lm
System Power: 21 W
HxD: 0.12x0.21 m
Ballast: -



White reflector, white rim

Luminaire: DN571B 1xLED20S/830 WR
Total Lamp Flux: 2000 lm
Light Output Ratio: 1.00
System Flux: 2000 lm
System Power: 21 W
HxD: 0.12x0.21 m
Ballast: -

Dimensional drawing



There are many other configurations possible, from rimless and protection glass to suspended glass and surface-mounted – so we're confident that we can create something that fits your requirements. Just ask us.



For more information visit

www.philips.com/catalog



©2014 Koninklijke Philips N.V.

All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication thereof does not convey nor imply any license under patent – or other industrial or intellectual property rights.

Document order number: LuxSpace | 05/14