



GentleSpace Gen3

BY480P LED130S/840 PSD NBA PC SI

Gentlespace gen3 Small, 840 neutral white, Power supply unit with DALI interface, Narrow beam adjustable, Polymethyl methacrylate bowl/cover, Silver RAL 9006

GentleSpace gen3 provides a smart combination of versatile offer with high efficiency, connectivity options and reliability. It provides a wide variety of options in terms of optics, beam angles (from very narrow to wide) and lumen packages, each delivering on best-in-class quality of light for enhanced safety, productivity, and comfort. With GentleSpace gen3 you can easily create a tailor-made and ideal lighting solution for almost any high ceiling and/or industrial application. It supports changes in application requirements (such as layout changes) thanks to its flexible optical system, which can be easily adjusted even after installation. Additionally, a choice of mounting possibilities and pre-mounted IP65 connector enables quick and easy installation. You can choose various cover materials, special variants for extreme temperatures (XT), or hazardous areas (ATEX 2/22), or sports applications. In addition, GentleSpace gen3 also provides the option of advanced connectivity and is ready to be connected to IoT-based system and software applications such as Interact Industry. Created with Circularity principles in mind, GentleSpace is serviceable luminaire with all information available at hand, via Signify ServiceTag app. Whether you are looking for a reliable "fit & forget" solution or one that can be adapted and controlled after installation, GentleSpace gen3 is the ideal solution for your application.

Product data

General Information		
Lamp family code	-	
Cap-Base	- [-]	
Light source replaceable	Yes	

Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Product family code	BY480P [Gentlespace gen3 Small]

Datasheet, 2023, May 16 data subject to change

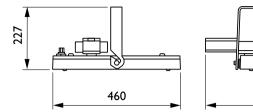
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LED
Specification
Yes
5 years
-
ENEC mark
Temperature 650 °C, duration 30 s
Yes
13,000 lm
4000 K
154 lm/W
>80
114 degree(s)
840 neutral white
Narrow beam adjustable
Polymethyl methacrylate bowl/cover
25° x 30°
Not applicable
220-240 V
50 to 60 Hz
- W
- W
5.1 A
76 ms
84 W
0.9
External connector
Cord with plug Wieland/Adels
compatible 5-pole
12
-30 to +45 °C
Yes
Yes
Yes Power supply unit with DALI interface
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Yes Power supply unit with DALI interface DALI No
Yes Power supply unit with DALI interface DALI No
Yes Power supply unit with DALI interface DALI No Aluminum

Housing Color	Silver RAL 9006
Optical cover finish	Clear
Overall length	460 mm
Overall width	410 mm
Overall height	104 mm
Dimensions (Height x Width x Depth)	104 x 410 x 460 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)
Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful life	5 %
50000 h	
Control gear failure rate at median useful life	10 %
100000 h	100
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life*	L80
100000 h	200
10000011	
Application Conditions	
Performance ambient temperature Tq	45 °C
Maximum dim level	10%
Suitable for random switching	No
Product Data	
Order product name	BY480P LED130S/840 PSD NBA PC SI
Full product name	BY480P LED130S/840 PSD NBA PC SI
Full product code	871869941469600
Order code	41469600
Material Nr. (12NC)	910500465807
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699414696
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699414696

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Dimensional drawing



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