



GentleSpace Gen3

BY480P LED170S/840 PSD NBA GC 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	-	
Light source replaceable	Yes	
Number of gear units	1 unit	

Driver included	Yes
Service tag	Yes
Product family code	BY480P [Gentlespace gen3 Small]
Lighting Technology	LED

Datasheet, 2023, May 16 data subject to change

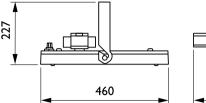
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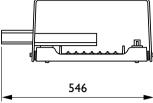
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	- ENEC
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	17,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	141 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	114 degree(s)
Light source color	840 neutral white
Optic type	Narrow beam adjustable
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	25° x 30°
Unified glare rating CEN	Not applicable
	аррисами
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	5.1 A
Inrush time	76 ms
Power Consumption	120 W
Power Factor (Fraction)	0.9
Connection	External connector
Cable	Cord with plug Wieland/Adels
	compatible 5-pole
Number of products on MCB of 16 A type B	12
Temperature	
Ambient temperature range	-30 to +45 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
. rousing relational	
Reflector material	-
	- Polycarbonate
Reflector material	

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	IK07 [2 J reinforced]
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 2 @200mm to
	EN62778
Photobiological risk specification	6 m
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)
Control gear failure rate at median useful life	5 %
50000 h	
Control gear failure rate at median useful life	10 %
100000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	45 °C
Maximum dim level	10%
Suitable for random switching	No
B 1 (B)	
Product Data	DV 400 D L ED470 C (0.40 DCD ND 4.55 C)
Order product name	BY480P LED170S/840 PSD NBA GC SI
Full product name	BY480P LED170S/840 PSD NBA GC SI
Full product code	871869941464100
Order code	41464100
Material Nr. (12NC)	910500465802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699414641
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699414641

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Dimensional drawing







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