



GentleSpace Gen3

BY480P LED170S/840 PSD WB GC SI

GentleSpace Gen3, 113 W, 17000 lm, 4000 K, DALI, Wide beam, IP65, IK07

The GentleSpace gen3 provides a smart combination of versatility with high efficiency, connectivity options and reliability. It provides a wide variety of optics, beam angles (from very narrow to wide) and lumen packages, each delivering best-in-class quality of light for enhanced safety, productivity and comfort. With the 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 a pre-mounted IP65 connector enables quick-and-easy installation. You can choose various cover materials and special variants for extreme temperatures (XT), hazardous areas (ATEX 2/22) or sports applications. In addition, the GentleSpace gen3 also provides the option of advanced connectivity and is ready to be connected to an IoT-based system and software applications, such as Interact Industry. Created with circularity principles in mind, the GentleSpace is a serviceable luminaire with all the information available via the Signify ServiceTag app. Whether you are looking for a reliable 'fit & forget' solution or one that can be adapted and controlled after installation, the GentleSpace gen3 is the ideal solution for your application.

Product data

General Information		Value ladder	Specification
Light source replaceable	Yes	CE mark	Yes
Number of gear units	Unit	Warranty period	5 years
Driver included	Yes	Flammability mark	-
Product family code	BY480P [Gentlespace gen3 Small]	ENEC mark	ENEC mark
Lighting Technology	LED	Glow-wire test	Temperature 650 °C, duration 30 s

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EU RoHS compliant	Yes
Light Technical	
Luminous Flux	17,000 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	150 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	0.12
Stroboscopic effect	0.07
Beam angle of light source	114 degree(s)
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	42° x 44°
Unified Glare Rating (CEN)	Not applicable
Operating and Electrical	
Input Voltage	220–240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	– W
Inrush current	5.1 A
Inrush time	76 ms
Power Consumption	113 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	Aluminium
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Steel
Housing Colour	Silver
Optical cover/lens 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 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)	
Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 50,000 h	L90
Lumen maintenance at median useful life* 100,000 h	L80
Application Conditions	
Performance ambient temperature Tq	45 °C
Maximum dim level	10%
Suitable for random switching	No
Product Data	
Order product name	BY480P LED170S/840 PSD WB GC SI
Full product name	BY480P LED170S/840 PSD WB GC SI
Full EOC	871869940736000
Order code	40736000
Material no. (12 NC)	910500465542
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699407360
Numerator – packs per outer box	1
EAN/UPC – Case	8718699407360

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Dimensional drawing

