GentleSpace Gen3

BY480P LED130S/840 PSD HRO PC SI

Gentlespace gen3 Small, 840 neutral white, Power supply unit with DALI interface, High-rack optic, 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			
Light source replaceable	Yes	Glow-wire test	Temperature 650 °C, duration 30 s
CE mark	Yes	Warranty period	5 years
Number of gear units	1 unit	Service tag	Yes
Driver included	Yes	Product family code	BY480P [Gentlespace gen3 Small]
Flammability mark	–	Lighting Technology	LED
		ENEC mark	ENEC mark

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EU RoHS compliant	Yes		Optic material	Polycarbonate
Value ladder	Specification		Optical cover/lens material	Polycarbonate
			Fixation material	Steel
Application Conditions			Housing Color	Silver RAL 9006
Maximum dim level	10%		Optical cover/lens finish	Clear
Performance ambient temperature Tq	45 ℃		Overall length	460 mm
Suitable for random switching	No		Overall width	410 mm
			Overall height	104 mm
Light Technical			Dimensions (Height x Width x Depth)	104 x 410 x 460 mm
Luminous Flux	13,000 lumen			
Correlated Color Temperature (Nom)	4000 K		**Approval and Application**	
Luminous Efficacy (rated) (Nom)	154 lm/W		Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Color rendering index (CRI)	>80		Mech. impact protection code	IK08 [5 J vandal-protected]
Beam angle of light source	114 degree(s)		Sustainability rating	Lighting for circularity
Light source color	840 neutral white		Protection class IEC	Safety class I
Optic type	High-rack optic		Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Luminaire light beam spread	16° x 47°			
Unified glare rating CEN	Not applicable			
			Initial Performance (IEC Compliant)	
Operating and Electrical			Initial chromaticity	(0.38, 0.38) SDCM <3
Line Frequency	50 to 60 Hz		Luminous flux tolerance	+/-10%
Input Voltage	220-240 V		Power consumption tolerance	+/-10%
Initial CLO power consumption	– W			
Average CLO power consumption	– W		**Over Time Performance (IEC Compliant)**	
Inrush current	5.1 A		Control gear failure rate at median useful life 50000 h	5 %
Inrush time	76 ms		Control gear failure rate at median useful life 100000 h	10 %
Power Consumption	84 W		Lumen maintenance at median useful life* 50000 h	L90
Power Factor (Fraction)	0.9		Lumen maintenance at median useful life* 100000 h	L80
Connection	External connector			
Cable	Cord with plug Wieland/Adels compatible 5-pole			
Number of products on MCB of 16 A type B	12		**Product Data**	
			Full product code	871869940787200
Temperature			Order product name	BY480P LED130S/840 PSD HRO PC SI
Ambient temperature range	–30 to +45 ℃		Order code	910500465593
			Numerator – Quantity Per Pack	1
Controls and Dimming			Numerator – Packs per outer box	1
Dimmable	Yes		Material Nr. (12NC)	910500465593
Driver/power unit/transformer	Power supply unit with DALI interface		Full product name	BY480P LED130S/840 PSD HRO PC SI
Control interface	DALI		EAN/UPC – Case	8718699407872
Constant light output	No			
Mechanical and Housing				
Housing Material	Aluminum			
Reflector material	–			

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Dimensional drawing

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