



GentleSpace Gen3

BY481X LED250S/840 SIA WB GC SI H4

Gentlespace gen3 Interact, 840 neutral white, Sensor ready driver Interact System ready, Wide beam, 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
CE mark	Yes
Number of gear units	1 unit
Driver included	Yes
Flammability mark	-

Glow-wire test	Temperature 650 °C, duration 30 s
Warranty period	5 years
Product family code	BY481X [Gentlespace gen3 Interact]
Connectivity	Interact Ready
Lighting Technology	LED
ENEC mark	ENEC mark

Datasheet, 2023, September 8 data subject to change

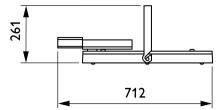
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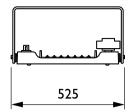
EU RoHS compliant	Yes	Optic mater
Value ladder	Specification	Optical cove
		Fixation ma
Application Conditions		Housing Co
Maximum dim level	10%	Optical cove
Performance ambient temperature Tq	45 °C	Overall leng
Suitable for random switching	No	Overall wid
		Overall heig
Light Technical		Dimensions
Luminous Flux	25,000 lumen	
Correlated Color Temperature (Nom)	4000 K	Approval
Luminous Efficacy (rated) (Nom)	154 lm/W	Ingress prot
Color rendering index (CRI)	>80	
Beam angle of light source	114 degree(s)	Mech. impa
Light source color	840 neutral white	Sustainabili
Optic type	Wide beam	Protection of
Luminaire light beam spread	42° x 44°	Photobiolog
Unified glare rating CEN	Not applicable	-
		Photobiolog
Operating and Electrical		
Line Frequency	50 to 60 Hz	Initial Per
Input Voltage	220-240 V	Initial chron
Initial CLO power consumption	- W	Luminous fl
Average CLO power consumption	- W	Power cons
Inrush current	5.1 A	
Inrush time	76 ms	Over Time
Power Consumption	162 W	Control gea
Power Factor (Fraction)	0.9	50000 h
Connection	External connector	Control gea
Cable	Cord with plug Wieland/Adels	100000 h
	compatible 5-pole	Lumen mair
Number of products on MCB of 16 A type B	12	50000 h
		Lumen mair
Temperature		100000 h
Ambient temperature range	-30 to +45 ℃	_
		Product D
Controls and Dimming		Full produc
Dimmable	Yes	Order produ
Driver/power unit/transformer	Sensor ready driver Interact System	Order code
. , , ,	ready	Numerator
Control interface	InterAct Pro	Numerator
Constant light output	No	Material Nr.
		Full product
Mechanical and Housing		EAN/UPC -
Housing Material	Aluminum	
Reflector material	AMINIMI	_

Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Steel
Housing Color	Silver RAL 9006
Optical cover/lens finish	Clear
Overall length	716 mm
Overall width	490 mm
Overall height	110 mm
Dimensions (Height x Width x Depth)	110 x 490 x 716 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Photobiological risk specification	0 m
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.38) SDCM <3
Luminous flux tolerance	+/-10%
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	
Product Data	
Full product code	871869998115000
Order product name	BY481X LED250S/840 SIA WB GC SI H4
Order code	910505101794
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505101794
Full product name	BY481X LED250S/840 SIA WB GC SI H4
EAN/UPC - Case	8718699981150

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Dimensional drawing







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