



# GentleSpace Gen3

## BY481P LED350S/840 PSD WB GC SI ELP3

Gentlespace gen3 Large, 840 neutral white, Power supply unit with DALI interface, Wide beam, Silver RAL 9006

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	
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Product family code	BY481P [Gentlespace gen3 Large]
Lighting Technology	LED

Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s

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EU RoHS compliant	Yes
<b>Light Technical</b>	
Luminous Flux	35,000 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	150 lm/W
Colour rendering index (CRI)	>80
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
<b>Operating and Electrical</b>	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	15.3 A
Inrush time	6.1 ms
Power Consumption	232 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	8
<b>Temperature</b>	
Ambient temperature range	0 to +25 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
<b>Mechanical and Housing</b>	
Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Steel
Housing Colour	Silver RAL 9006
Optical cover/lens finish	Clear
Overall length	600 mm
Overall width	490 mm
Overall height	110 mm

Dimensions (height x width x depth)	110 x 490 x 600 mm
<b>Approval and Application</b>	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
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* 75000 h	L80
Lumen maintenance at median useful life* 100,000 h	L80
<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	No
<b>Product Data</b>	
Order product name	BY481P LED350S/840 PSD WB GC SI ELP3
Full product name	BY481P LED350S/840 PSD WB GC SI ELP3
Full EOC	871869940925800
Order code	40925800
Material no. (12 NC)	910500465648
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699409258
Numerator – packs per outer box	1
EAN/UPC – Case	8718699409258

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### Dimensional drawing

