# **PHILIPS** Lighting



# **GentleSpace Gen3**

# BY481X LED350S/840 MB GC SI ACW-L BR

Gentlespace gen3 Interact, 840 neutral white, Power supply unit with DALI interface, Medium 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 bestin-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**

Yes
Unit
Yes
BY481X [Gentlespace gen3 Interact]
LED

Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on easily flammable
	surfaces
ENEC mark	ENEC mark

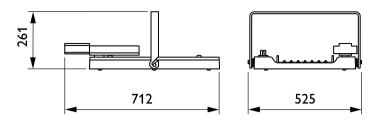
## GentleSpace Gen3

Glow-wire test	Temperature 850 °C, duration 5 s	Overall h
EU RoHS compliant	Yes	Dimensio
Light Technical		Approva
Luminous Flux	35,000 lm	Ingress p
Correlated Colour Temperature	4000 K	
Luminous efficacy (rated) (nom.)	148 lm/W	Mech. im
Colour rendering index (CRI)	>80	Sustaina
Beam angle of light source	114 degree(s)	Protectio
Light source colour	840 neutral white	
Optic type	Medium beam	Initial P
Luminaire light beam spread	40° x 40°	Luminou
Unified Glare Rating (CEN)	Not applicable	Initial ch
		Power co
Operating and Electrical		
Input Voltage	220-240 V	Over Ti
Line Frequency	50 to 60 Hz	Driver fa
Inrush current	15.3 A	Control g
Inrush time	0.061 ms	life 50,0
Power Consumption	230 W	Control g
Power Factor (Fraction)	0.9	life 100,0
Connection	External connector	Lumen m
Cable	Cord with plug Wieland/Adels compatible	50,000 ł
	5-pole	Lumen m
Number of products on MCB of 16 A type B	8	100,000
Temperature		Applica
Ambient temperature range	-30 to +45 ℃	Performa
		Maximur
Controls and Dimming		Suitable
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface	Product
Control interface	DALI	Order pro
Constant light output	No	
		Full prod
Mechanical and Housing		
Housing material	Aluminium	Full EOC
Reflector material	-	Order co
Optic material	Polycarbonate	Material
Optical cover/lens material	Glass	SAP num
Fixation material	Steel	EAN/UP
Housing Colour	Silver RAL 9006	Numerat
Optical cover/lens finish	Clear	EAN/UP
Overall length	712 mm	
Overall width	490 mm	

Overall height	120 mm	
Dimensions (height x width x depth)	120 x 490 x 712 mm	
Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-	
	proof]	
Mech. impact protection code	IK02 [0.2 J standard]	
Sustainability rating	-	
Protection class IEC	Safety class I	
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)		
Driver failure rate at 5,000 hours	0.5 %	
Control gear failure rate at median useful	5 %	
life 50,000 h		
Control gear failure rate at median useful	10 %	
life 100,000 h		
Lumen maintenance at median useful life*	L90	
50,000 h		
Lumen maintenance at median useful life*	L80	
100,000 h		
Application Conditions		
Performance ambient temperature Tq	45 ℃	
Maximum dim level	10%	
Suitable for random switching	Yes	
Product Data		
Order product name	BY481X LED350S/840 MB GC SI ACW-L	
	BR	
Full product name	BY481X LED350S/840 MB GC SI ACW-L	
	BR	
Full EOC	871869940749000	
Order code	40749000	
Material no. (12 NC)	910500465555	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718699407490	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718699407490	

## GentleSpace Gen3

#### Dimensional drawing





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