PHILIPS Lighting



GentleSpace Gen3

BY480X LED170S/840 HRO GC SI ACW-L BR

Gentlespace gen3 Interact, 840 neutral white, Power supply unit with DALI interface, High-rack optic, 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
BY480X [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

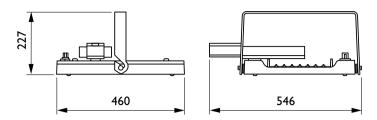
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Yes
17,000 lm
4000 K
142 lm/W
>80
114 degree(s)
840 neutral white
High-rack optic
16° x 47°
Not applicable
220-240 V
50 to 60 Hz
4.8 A
2.3 ms
120 W
0.9
External connector
Cord with plug Wieland/Adels compatible
5-pole
12
-30 to +45 °C
Yes
Power supply unit with DALI interface
DALI
No
Aluminium
-
Polycarbonate
Glass
Steel
Silver RAL 9006
Clear

Overall height	115 mm
Dimensions (height x width x depth)	115 x 530 x 460 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
ligress protection code	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 Complian	nt)
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 °C
Maximum dim level	10%
Suitable for random switching	Yes
Product Data	
Order product name	BY480X LED170S/840 HRO GC SI ACW-L
	BR
Full product name	BY480X LED170S/840 HRO GC SI ACW-L
	BR
Full EOC	871869940770400
Order code	40770400
	910500465576
Material no. (12 NC)	
Material no. (12 NC) SAP numerator – quantity per pack	1
	1 8718699407704
SAP numerator – quantity per pack	

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Dimensional drawing





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