



# GentleSpace Gen3

## BY481X LED250S/840 SIA HE WB GC SI H4

New Highbay – 840 neutral white – Sensor ready driver InterAct  
System ready – Wide beam – Silver RAL 9006

With the third generation of the GentleSpace high-bay luminaire, we continue to bring innovations to the market by offering adaptable high bay lighting solutions for high ceiling and industrial applications. GentleSpace gen3 offers a wide variety of options in terms of optics and beam angles (from very narrow to wide), a choice of mounting possibilities and cover materials and a variety of lumen packages. This means that GentleSpace gen3 can easily help you create a tailor-made and ideal lighting solution for almost any high ceiling and/or industrial application. It can also support changes in application requirements (such as layout changes) thanks to its flexible optical system, which can be easily adjusted even after installation. 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. Overall, 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			
Beam angle of light source	114 °	Control interface	InterAct Pro
Light source color	840 neutral white	Connection	External connector
Light source replaceable	Yes	Cable	Cord with plug Wieland/Adels compatible 5-pole
Number of gear units	1 unit	Protection class IEC	Safety class I
Driver/power unit/transformer	Sensor ready driver InterAct System ready	Glow-wire test	Temperature 650 °C, duration 30 s
Driver included	Yes	Flammability mark	-
Optic type	Wide beam	CE mark	CE mark
Luminaire light beam spread	42° x 44°	ENEC mark	ENEC mark
		Warranty period	5 years

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Constant light output	No
Number of products on MCB of 16 A type B	12
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Photobiological risk specification	0 m
EU RoHS compliant	Yes
Product family code	BY481X [ New Highbay]
Unified glare rating CEN	Not applicable

## Operating and electrical

Input Voltage	220–240 V
Input Frequency	50 to 60 Hz
Initial CLO power consumption	– W
Average CLO power consumption	– W
Inrush current	5.1 A
Inrush time	76 ms
Power Factor (Min)	0.9

## Controls and dimming

Dimmable	Yes
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## Mechanical and housing

Housing Material	Aluminum
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Steel
Optical cover/lens finish	Clear
Overall length	716 mm
Overall width	490 mm
Overall height	110 mm
Color	Silver RAL 9006
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	–

## Initial performance (IEC compliant)

Initial luminous flux (system flux)	25000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	173 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	144 W
Power consumption tolerance	+/-10%

## Over time performance (IEC compliant)

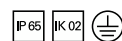
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 100000 h	L80

## Application conditions

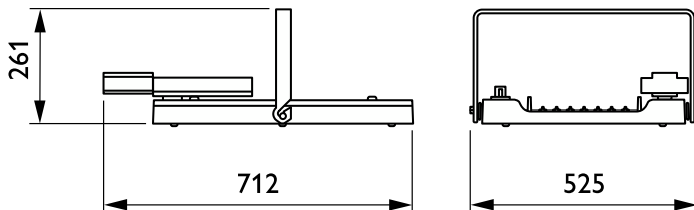
Ambient temperature range	–30 to +45 °C
Performance ambient temperature Tq	45 °C
Maximum dim level	10%
Suitable for random switching	No

## Product data

Full product code	871869998123500
Order product name	BY481X LED250S/840 SIA HE WB GC SI H4
EAN/UPC - Product	8718699981235
Order code	910505101803
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505101803
Net Weight (Piece)	11.000 kg

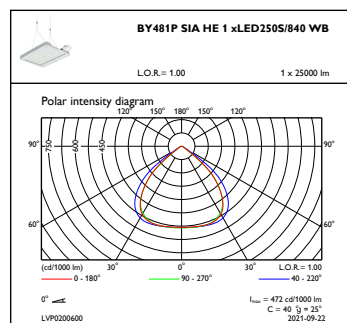
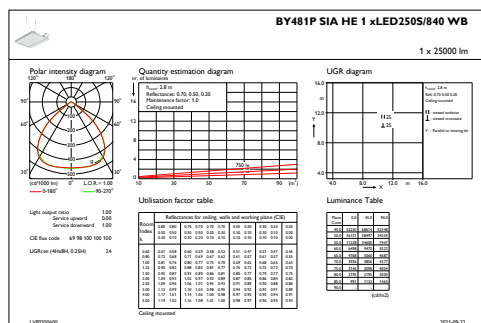


## Dimensional drawing



BY481X LED250S/840 SIA HE WB GC SI H4

## Photometric data



IFGU1\_BY481PSIAHE1xLED250S840WB

OFPC1\_BY481PSIAHE1xLED250S840WB

