GentleSpace gen4

BY580X 170S/840 SIA WB GC SI H4

GentleSpace gen4, Highbay, 102 W, SMT, 17000 lm, 4000 K, Wireless, Interact Ready, Wide beam, H4, IP65, IK03

Highbay, Aluminium, Silver, Double layer powder coating, Suspension set twin, triangle, Sensor ready driver Interact System ready, Sensor SNH (R) 210, 17000 lm, 102 W, 167 lm/W, 4000 K, (0.380, 0.375) SDCM 3, Wide beam, Clear, Glass, IP65 | Dust penetration-protected, jet-proof, IK03 | 0.3 J, Safety class I, Plug-in connector 3-pole Wieland/Adels compatible

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Value ladder	Specification
Warranty period	5 years

Light Technical	
Luminous Flux	17,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	167 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	91° x 91°
Unified glare rating CEN	25
Melanopic Daylight Efficacy Ratio	0.65

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	0 W
Average CLO power consumption	-W;- W
Inrush current	5.1 A
Inrush time	0.76 ms
Power Consumption	102 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	12
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Protection class IEC	Safety class I

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Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Sensor ready driver Interact System ready
Control interface	Wireless
Constant light output	No
DALI Standard	DALI-2™ D4i™
Connectivity	Interact Ready
Embedded control	Sensor SNH (R) 210

Mechanical and Housing

Housing Material	Aluminium
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Silver
Optical cover finish	Clear
Overall length	254 mm
Overall width	719 mm
Overall height	116 mm
Dimensions (Height x Width x Depth)	116 x 719 x 254 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK03 [0.3 J]
Mounting	Suspension set twin, triangle
Net Weight (Piece)	6.500 kg

Emergency Operation

Central Emergency	No

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-30 to +55 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.380, 0.375) SDCM 3
Power consumption tolerance	+/-5%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L85

Sustainability Data

Sustainability rating	Signify Circle
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Embedded carbon (A1-A3)	49.1 kg CO_2e
Product non-virgin material ratio	42.2 %
Recyclable content ratio of the finished product	60.8 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

Product Data

Order product name	BY580X 170S/840 SIA WB GC SI H4
Full product name	BY580X 170S/840 SIA WB GC SI H4
Full product code	872016959393000
Order code	910505102857
Material Nr. (12NC)	910505102857
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169593930
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169593930
Product family code	BY580X [Gentlespace gen4 Interact]

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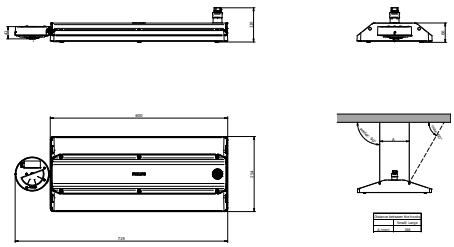
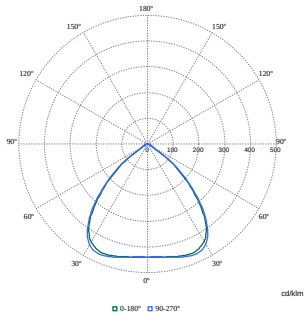
Dimensional drawing

BY580X suspended



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m, or 2m

Photometric data



Polar Normal (separate) - BY580PI - 910505102857

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