



GentleSpace gen4

BY581P 350S/840 DIA HE WB GC SI BR XT 1m

GentleSpace gen4, Highbay, 198 W, BR, 35000 lm, 4000 K, DALI, Interact Ready, Wide beam, IP65, IK07, XT-55°C

Highbay, Aluminium, Silver, Double layer powder coating, Bracket, Dali dimming Interact System ready, 35000 lm, 198 W, 177 lm/W, 4000 K, (0.383, 0.377) SDCM 3, Wide beam, Clear, Glass, IP65 | Dust penetration-protected, jet-proof, IK07 | 2 J reinforced, Safety class I, Plug-in connector 5-pole Wieland/Adels compatible

Product data

General Information		Electrical	
Number of gear units	1 unit	Initial CLO power consumption	0 W
Driver included	Yes	Average CLO power consumption	-W;- W
Value ladder	Specification	Inrush current	15.3 A
Warranty period	5 years	Inrush time	0.061 ms
Light Technical		Power Consumption	198 W
Luminous Flux	35,000 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Connection	Plug-in connector 5-pole Wieland/Adels compatible
Luminous Efficacy (rated) (Nom)	177 lm/W	Cable	-
Color rendering index (CRI)	>80	Number of products on MCB of 16 A type B	8
Light source color	840 neutral white	Suitable for random switching	No
Optic type	Wide beam	Protection class IEC	Safety class I
Luminaire light beam spread	91° x 91°	Total harmonic distortion	8 %
Unified glare rating CEN	25	Controls and Dimming	
Operating and Electrical		Dimmable	Yes
Input Voltage	220 to 240 V	Driver/power unit/transformer	Dali dimming Interact System ready
Line Frequency	50 to 60 Hz	Control interface	DALI

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Constant light output	No
DALI Standard	DALI-2™ with extended data: Parts 251/252/253
Maximum dim level	10%
Connectivity	Interact Ready

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	417 mm
Overall width	654 mm
Overall height	244 mm
Dimensions (Height x Width x Depth)	244 x 654 x 417 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Mounting	Bracket
Net Weight (Piece)	13.700 kg

Emergency Operation

Central Emergency	No
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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	45 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.22
Stroboscopic effect visibility measure (SVM)	0.01
Ambient temperature range	-30 °C to 55 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.383, 0.377) SDCM 3

Power consumption tolerance	+/-5%
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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)	78.7 kg CO _{2e}
Product non-virgin material ratio	38.9 %
Recyclable content ratio of the finished product	58.1 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kWh)
GWP total B6 (kg CO _{2eq}) 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 CO _{2eq} / kWh)

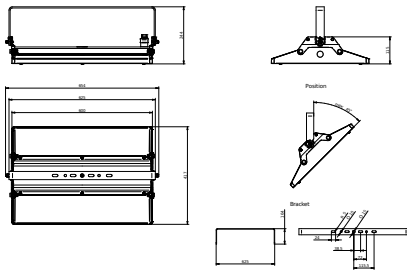
Product Data

Order product name	BY581P 350S/840 DIA HE WB GC SI BR XT 1m
Full product name	BY581P 350S/840 DIA HE WB GC SI BR XT 1m
Full product code	872016958932200
Order code	910505102938
Material Nr. (12NC)	910505102938
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169589322
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169589322
Product family code	BY581P [Gentlespace gen4 Large]

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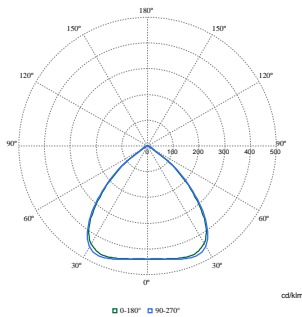
Dimensional drawing

BY581P, BY583P Bracket



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 - 910505102938

