



GentleSpace gen4

BY580P 170S/840 DIA ASYM GC SI MBW

GentleSpace gen4, 108 W, MBW, 17000 lm, 4000 K, DALI, Interact Ready, Assymetric Beam angle, IP65, IK07

GentleSpace gen4 is the ultimate lighting solution for industrial settings and indoor sports facilities. It exceeds expectations by ensuring superior light quality, improving employee safety and productivity, and complying with all the relevant safety regulations. Engineered for longevity, GentleSpace gen4 reduces the frequency, hassle, and costs of maintenance, making it ideal for high-ceiling installations. Its energy-efficient design cuts operational expenses, offering maximum application efficiency and an attractive total cost of ownership (TCO). This product range offers a wide variety of optics, beam angles (from very narrow to wide), lumen packages, and connectivity options. With GentleSpace gen4 you can easily create a tailormade lighting solution for every high-ceiling application. Its modern, flat design makes it easier to install, clean, and maintain. The single optical window design provides superior visual performance. A variety of mounting possibilities and connectors, like the pre-mounted IP65 connector, enable guick and easy installation. The robust design allows to withstand harsh conditions in all sorts of environments. You can choose between various cover materials, including specialized variants for extreme temperatures (XT), hazardous areas (ATEX 2/22), and sports applications. Additionally, GentleSpace gen4 offers advanced connectivity options. It's ready to use in connected lighting systems like Interact. Reliable, high-efficiency lighting with smart connectivity – a bright choice for a better future. Embrace sustainability with GentleSpace gen4, the highbay lighting solution that complies with the principles of the circular economy by prioritizing durability and recyclability. The luminaire is serviceable, with all the information available at your fingertips via the Signify Service tag app. Whether you are looking for a reliable "fit and forget" solution or one that can be adapted and controlled after installation, GentleSpace gen4 is the right choice for you.

Product data

Datasheet, 2025, January 16 data subject to change

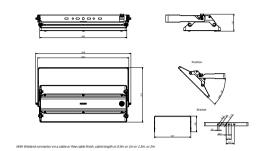
GentleSpace gen4

Consult Information			CI.
General Information		Optical cover finish	Clear
Number of gear units	1 unit	Overall length	377 mm
Driver included	Yes	Overall width	656 mm
Value ladder	Specification	Overall height	117 mm
Warranty period	5 years	Dimensions (Height x Width x Depth)	117 x 656 x 377 mm
Sustainability rating	Lighting for circularity	Ingress protection code	IP65 [Dust penetration-protected, jet-
Link Takainal		Mark import nucleation and	proof]
Light Technical	17.000 lm	Mech. impact protection code	IK07 [2 J reinforced]
Luminous Flux	17,000 lm	Mounting	Wall-mounting bracket
Correlated Color Temperature (Nom)	4000 K	Net Weight (Piece)	9.100 kg
Luminous Efficacy (rated) (Nom)	157 lm/W	Emergency Operation	
Color rendering index (CRI)	>80	Emergency Operation	N-
Light source color	840 neutral white	Central Emergency	No
Optic type	Assymetric Beam angle	Assessed and Asselfantian	
Luminaire light beam spread	40° × 40°	Approval and Application	T
Unified glare rating CEN	25	Glow-wire test	Temperature 650 °C, duration 30 s
		Flammability mark	For mounting on easily flammable surface
Operating and Electrical		CE mark	Yes
Input Voltage	220 to 240 V	ENEC mark	ENEC mark
Line Frequency	50 to 60 Hz	EU RoHS compliant	Yes
Initial CLO power consumption	0 W	Performance ambient temperature Tq	25 °C
Average CLO power consumption	-W;- W	Flickering value (PstLM) - Flickering value	0.12
Inrush current	5.1 A	as per EN 61000-3-3	
Inrush time	0.76 ms	Stroboscopic effect visibility measure (SVM	<u>, </u>
Power Consumption	108 W	Ambient temperature range	-30 to +55 ℃
Power Factor (Fraction)	0.9		
Connection	Plug-in connector 5-pole Wieland/Adels	Initial Performance (IEC Compliant)	
	compatible	Luminous flux tolerance	+/-10%
Cable		Initial chromaticity	(0.380, 0.375) SDCM 3
Number of products on MCB of 16 A type B	16	Power consumption tolerance	+/-5%
Suitable for random switching	No		
Protection class IEC	Safety class I	Over Time Performance (IEC Complia	nt)
Total harmonic distortion	20 %	Control gear failure rate at median useful life 100000 h	10 %
Controls and Dimming		Lumen maintenance at median useful life*	L85
Dimmable	Yes	100000 h	
Driver/power unit/transformer	Dali dimming Intaract System ready		
Control interface	DALI	Product Data	
Constant light output	No	Order product name	BY580P 170S/840 DIA ASYM GC SI MBW
DALI Standard	D4i™ DALI-2™	Full product name	BY580P 170S/840 DIA ASYM GC SI MBW
Maximum dim level	10%	Full product code	872016958904900
Connectivity	Interact Ready	Order code	910505102910
-		Material Nr. (12NC)	910505102910
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Aluminium	EAN/UPC - Product/Case	8720169589049
Reflector material	Polycarbonate	Numerator - Packs per outer box	1
Optic material	Polycarbonate	EAN/UPC - Case	8720169589049
Optical cover material	Glass	Product family code	BY580P [Gentlespace gen4 Small]
Fixation material	Aluminum	<u> </u>	

GentleSpace gen4

Dimensional drawing

BY580P, BY582P Wallmounted bracket





© 2025 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.