



Philips GentleSpace – High efficiency, excellent light quality and connectivity options. Now every highbay application has met its match.

GentleSpace Gen3

GentleSpace gen3 provides a smart combination of versatile offer with high efficiency, connectivity options and reliability. It provides a wide variety of options in terms of optics, beam angles (from very narrow to wide) and lumen packages, each delivering on best-in-class quality of light for enhanced safety, productivity, and comfort. With 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 pre-mounted IP65 connector enables quick and easy installation. You can choose various cover materials, special variants for extreme temperatures (XT), or hazardous areas (ATEX 2/22), or sports applications. 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. Created with Circularity principles in mind, GentleSpace is serviceable luminaire with all information available at hand, via Signify ServiceTag app. Whether you are looking for a reliable “fit & forget” solution or one that can be

GentleSpace Gen3

adapted and controlled after installation, GentleSpace gen3 is the ideal solution for your application.

Benefits

- Increased safety, productivity and comfort in application, thanks to high quality visibility combined with great uniformity and reduced glare
- Robust and reliable solution for long service life
- Highly efficient solution, reducing energy consumption by up to 65% comparing to conventional HPI-based solutions. Offers an attractive total cost of ownership.
- Works in smart lighting systems (Interact Ready)
- Serviceable design, and easy access to spare parts information, for extended product lifecycle.

Features

- High efficiency (HE) of up to 174 lm/W
- Long service life of up to L90 at 100K hrs
- Wide variety of optics (WB/MB/NB/XNB/HRO), including the option of adjustable optics variant (NBA) with the flexibility to shift from NB to WB with easy adjustment mechanism
- Special options to serve broad applications: Extreme version (XT) up to 70°C, ATEX 2/22 (BY482P, BY483P) Safety Class I or II, Swimming pool protected version (SWP) and VDE certified ball-proof (BP) option
- Detachable mounting system for easy installation and IP65 pre-mounted connector
- Option for dust cover to meet requirements of the food industry
- Access to the Signify Service tag app with service, maintenance information

Application

- Manufacturing sites (from food/beverage to heavy industry)
- Warehouses and logistics centers
- Indoor sports halls, swimming pools, and exhibition halls

Versions

GentleSpace Gen3 BY481P-BR

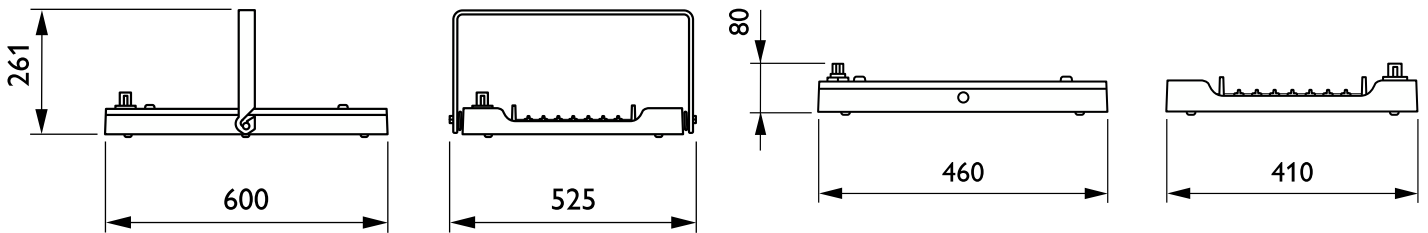
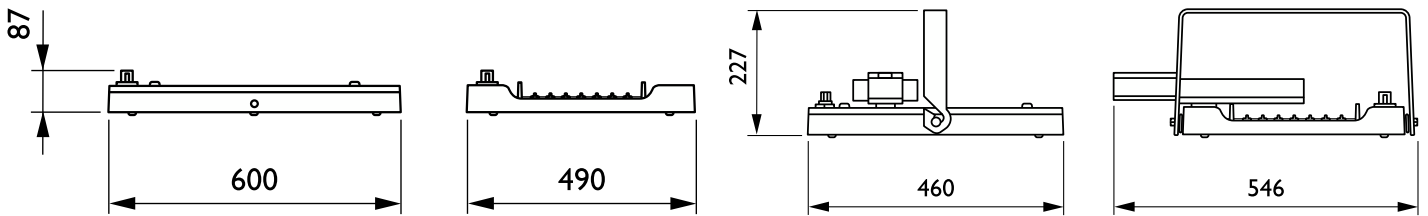
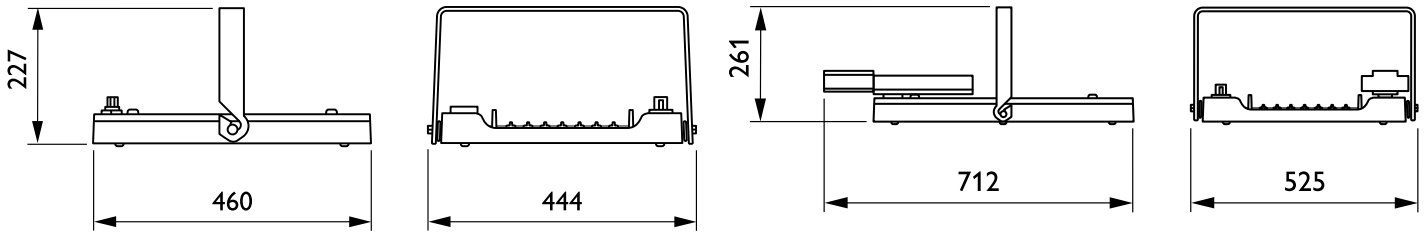


GentleSpace Gen3-BY481 - NBA-suspension



GentleSpace Gen3

Dimensional drawing



General Information

Cap-Base	-
CE mark	Yes
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	-
Lamp family code	-
Light source replaceable	Yes
Number of gear units	1 unit
Service tag	Yes

Light Technical

Beam angle of light source	114 degree(s)
Color rendering index (CRI)	>80

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz

Controls and Dimming

Dimmable	Yes
----------	-----

Approval and Application

Protection class IEC	Safety class I
Ingress protection code	IP65

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <3
Luminous flux tolerance	+/-10%

Application Conditions

Maximum dim level	10%
Suitable for random switching	No

General Information

Order Code	Full Product Name	Glow-wire test	Product family code
40766700	BY480P LED130S/840 PSD WB GC SI BR	Temperature 650 °C, duration 30 s	BY480P
40779700	BY480P LED170S/840 PSD MB GC SI BR	Temperature 650 °C, duration 30 s	BY480P
40797100	BY480P LED170S/840 PSD NB GC SI BR	Temperature 650 °C, duration 30 s	BY480P
40757500	BY481P LED250S/840 PSD MB GC WH	Temperature 650 °C, duration 30 s	BY481P
40771100	BY481P LED250S/840 PSD MB PC WH	Temperature 650 °C, duration 30 s	BY481P
40777300	BY481P LED250S/840 PSD WB GC WH	Temperature 650 °C, duration 30 s	BY481P
40800800	BY481P LED250S/840 PSD HRO GC WH	Temperature 650 °C, duration 30 s	BY481P
40830500	BY481P LED250S/865 PSD WB GC SI	Temperature 650 °C, duration 30 s	BY481P
40832900	BY481P LED350S/840 PSD WB GC SI ELD3	Temperature 850 °C, duration 30 s	BY481P
40892300	BY481P LED250S/840 PSD-CLO WB GC SI	Temperature 650 °C, duration 30 s	BY481P
01091800	BY483P LED250S/840 PSD WB GC SI	Temperature 650 °C, duration 30 s	BY483P
01094900	BY481P LED250S/840 PSD WB GC SI XT	Temperature 650 °C, duration 30 s	BY481P
01095600	BY481P LED350S/840 PSD WB GC SI XT	Temperature 650 °C, duration 30 s	BY481P
01102100	BY481P LED250S/840 PSED WB GC SI	Temperature 650 °C, duration 30 s	BY481P
01103800	BY481P LED250S/840 PSED-CLO WB GC SI	Temperature 650 °C, duration 30 s	BY481P
40781000	BY481P LED250S/840 PSD MB GC WH BR	Temperature 650 °C, duration 30 s	BY481P
40788900	BY481P LED250S/840 PSD WB GC WH BR	Temperature 650 °C, duration 30 s	BY481P
41152700	BY481P LED350S/865 PSD WB PC SI BR	Temperature 650 °C, duration 30 s	BY481P
40733900	BY480P LED130S/840 PSD WB GC SI	Temperature 650 °C, duration 30 s	BY480P
40736000	BY480P LED170S/840 PSD WB GC SI	Temperature 650 °C, duration 30 s	BY480P
40738400	BY480P LED130S/840 PSD MB GC SI	Temperature 650 °C, duration 30 s	BY480P
40739100	BY480P LED170S/840 PSD HRO GC SI	Temperature 650 °C, duration 30 s	BY480P
40742100	BY480P LED130S/840 PSD HRO GC SI	Temperature 650 °C, duration 30 s	BY480P
40745200	BY480P LED170S/840 PSD MB GC SI	Temperature 650 °C, duration 30 s	BY480P
40785800	BY480P LED130S/840 PSD NB GC SI	Temperature 650 °C, duration 30 s	BY480P
40828200	BY480P LED170S/865 PSD WB GC SI	Temperature 650 °C, duration 30 s	BY480P
01089500	BY480P LED130S/865 PSD WB GC SI	Temperature 650 °C, duration 30 s	BY480P
01090100	BY482P LED170S/840 PSD WB GC SI	Temperature 650 °C, duration 30 s	BY482P
01092500	BY480P LED130S/840 PSD WB GC SI XT	Temperature 650 °C, duration 30 s	BY480P
01093200	BY480P LED170S/840 PSD WB GC SI XT	Temperature 650 °C, duration 30 s	BY480P
41463400	BY480P LED130S/840 PSD NBA GC SI	Temperature 650 °C, duration 30 s	BY480P
41464100	BY480P LED170S/840 PSD NBA GC SI	Temperature 650 °C, duration 30 s	BY480P
41465800	BY481P LED250S/840 PSD NBA GC SI	Temperature 650 °C, duration 30 s	BY481P
41466500	BY481P LED350S/840 PSD NBA GC SI	Temperature 650 °C, duration 30 s	BY481P
40750600	BY481P LED250S/840 PSD MB GC SI BR	Temperature 650 °C, duration 30 s	BY481P
40758200	BY481P LED250S/840 PSD WB GC SI BR	Temperature 650 °C, duration 30 s	BY481P
40778000	BY481P LED250S/840 PSD NB GC SI BR	Temperature 650 °C, duration 30 s	BY481P
40786500	BY481P LED250S/840 PSD HRO GC SI BR	Temperature 650 °C, duration 30 s	BY481P
40790200	BY481P LED350S/840 PSD MB GC SI BR	Temperature 650 °C, duration 30 s	BY481P
40801500	BY481P LED350S/840 PSD WB GC SI BR	Temperature 650 °C, duration 30 s	BY481P
40730800	BY481P LED250S/840 PSD WB GC SI	Temperature 650 °C, duration 30 s	BY481P
40731500	BY481P LED250S/840 PSD MB GC SI	Temperature 650 °C, duration 30 s	BY481P
40732200	BY481P LED350S/840 PSD MB GC SI	Temperature 650 °C, duration 30 s	BY481P
40734600	BY481P LED250S/840 PSD NB GC SI	Temperature 650 °C, duration 30 s	BY481P
40741400	BY481P LED250S/840 PSD WB PC SI	Temperature 650 °C, duration 30 s	BY481P
40743800	BY481P LED350S/840 PSD WB GC SI	Temperature 650 °C, duration 30 s	BY481P
40744500	BY481P LED250S/840 PSD MB PC SI	Temperature 650 °C, duration 30 s	BY481P
40763600	BY481P LED250S/840 PSD HRO GC SI	Temperature 650 °C, duration 30 s	BY481P
40767400	BY481P LED350S/840 PSD HRO GC SI	Temperature 650 °C, duration 30 s	BY481P
40768100	BY481P LED350S/840 PSD NB GC SI	Temperature 650 °C, duration 30 s	BY481P

Order Code	Full Product Name	Glow-wire test	Product family code
40769800	BY481P LED250S/840 PSD HRO PC SI	Temperature 650 °C, duration 30 s	BY481P
40793300	BY481P LED350S/840 PSD WB PC SI	Temperature 650 °C, duration 30 s	BY481P
40795700	BY481P LED250S/840 PSD NB PC SI	Temperature 650 °C, duration 30 s	BY481P
40798800	BY481P LED350S/840 PSD MB PC SI	Temperature 650 °C, duration 30 s	BY481P
40799500	BY481P LED350S/840 PSD HRO PC SI	Temperature 650 °C, duration 30 s	BY481P
40760500	BY480P LED130S/840 PSD WB GC WH	Temperature 650 °C, duration 30 s	BY480P
40776600	BY480P LED130S/840 PSD MB GC WH	Temperature 650 °C, duration 30 s	BY480P

Light Technical (1/2)

Order Code	Full Product Name	Correlated	Optical	Luminous	Luminous Flux
		Color Temperature (Nom)	cover/lens type	Efficacy (rated) (Nom)	
40766700	BY480P LED130S/840 PSD WB GC SI BR	4000 K	-	154 lm/W	13,000 lumen
40779700	BY480P LED170S/840 PSD MB GC SI BR	4000 K	-	141 lm/W	17,000 lumen
40797100	BY480P LED170S/840 PSD NB GC SI BR	4000 K	-	141 lm/W	17,000 lumen
40757500	BY481P LED250S/840 PSD MB GC WH	4000 K	-	154 lm/W	25,000 lumen
40771100	BY481P LED250S/840 PSD MB PC WH	4000 K	-	154 lm/W	25,000 lumen
40777300	BY481P LED250S/840 PSD WB GC WH	4000 K	-	154 lm/W	25,000 lumen
40800800	BY481P LED250S/840 PSD HRO GC WH	4000 K	-	154 lm/W	25,000 lumen
40830500	BY481P LED250S/865 PSD WB GC SI	6500 K	-	154 lm/W	25,000 lumen
40832900	BY481P LED350S/840 PSD WB GC SI ELD3	4000 K	-	150 lm/W	35,000 lumen
40892300	BY481P LED250S/840 PSD-CLO WB GC SI	4000 K	-	154 lm/W	25,000 lumen

Order Code	Full Product Name	Correlated	Optical	Luminous	Luminous Flux
		Color Temperature (Nom)	cover/lens type	Efficacy (rated) (Nom)	
01091800	BY483P LED250S/840 PSD WB GC SI	4000 K	-	154 lm/W	25,000 lumen
01094900	BY481P LED250S/840 PSD WB GC SI XT	4000 K	-	154 lm/W	25,000 lumen
01095600	BY481P LED350S/840 PSD WB GC SI XT	4000 K	-	150 lm/W	35,000 lumen
01102100	BY481P LED250S/840 PSED WB GC SI	4000 K	-	154 lm/W	25,000 lumen
01103800	BY481P LED250S/840 PSED-CLO WB GC SI	4000 K	-	154 lm/W	25,000 lumen
40781000	BY481P LED250S/840 PSD MB GC WH BR	4000 K	-	154 lm/W	25,000 lumen
40788900	BY481P LED250S/840 PSD WB GC WH BR	4000 K	-	154 lm/W	25,000 lumen
41152700	BY481P LED350S/865 PSD WB PC SI BR	6500 K	-	150 lm/W	35,000 lumen
40733900	BY480P LED130S/840 PSD WB GC SI	4000 K	-	154 lm/W	13,000 lumen
40736000	BY480P LED170S/840 PSD WB GC SI	4000 K	-	141 lm/W	17,000 lumen

GentleSpace Gen3

Order Code	Full Product Name	Correlated Color	Optical	Luminous	Luminous Flux
		Temperature (Nom)	cover/lens type	Efficacy (rated) (Nom)	
40738400	BY480P LED130S/840 PSD MB GC SI	4000 K	-	154 lm/W	13,000 lumen
40739100	BY480P LED170S/840 PSD HRO GC SI	4000 K	-	141 lm/W	17,000 lumen
40742100	BY480P LED130S/840 PSD HRO GC SI	4000 K	-	154 lm/W	13,000 lumen
40745200	BY480P LED170S/840 PSD MB GC SI	4000 K	-	141 lm/W	17,000 lumen
40785800	BY480P LED130S/840 PSD NB GC SI	4000 K	-	154 lm/W	13,000 lumen
40828200	BY480P LED170S/865 PSD WB GC SI	6500 K	-	141 lm/W	17,000 lumen
01089500	BY480P LED130S/865 PSD WB GC SI	6500 K	-	154 lm/W	13,000 lumen
01090100	BY482P LED170S/840 PSD WB GC SI	4000 K	-	141 lm/W	17,000 lumen
01092500	BY480P LED130S/840 PSD WB GC SI XT	4000 K	-	154 lm/W	13,000 lumen
01093200	BY480P LED170S/840 PSD WB GC SI XT	4000 K	-	141 lm/W	17,000 lumen
41463400	BY480P LED130S/840 PSD NBA GC SI	4000 K	Polymethyl methacrylate bowl/cover	154 lm/W	13,000 lumen
41464100	BY480P LED170S/840 PSD NBA GC SI	4000 K	Polymethyl methacrylate bowl/cover	141 lm/W	17,000 lumen
41465800	BY481P LED250S/840 PSD NBA GC SI	4000 K	Polymethyl methacrylate bowl/cover	154 lm/W	25,000 lumen
41466500	BY481P LED350S/840 PSD NBA GC SI	4000 K	Polymethyl methacrylate bowl/cover	150 lm/W	35,000 lumen
40750600	BY481P LED250S/840 PSD MB GC SI BR	4000 K	-	154 lm/W	25,000 lumen

Order Code	Full Product Name	Correlated Color	Optical	Luminous	Luminous Flux
		Temperature (Nom)	cover/lens type	Efficacy (rated) (Nom)	
40758200	BY481P LED250S/840 PSD WB GC SI BR	4000 K	-	154 lm/W	25,000 lumen
40778000	BY481P LED250S/840 PSD NB GC SI BR	4000 K	-	154 lm/W	25,000 lumen
40786500	BY481P LED250S/840 PSD HRO GC SI BR	4000 K	-	154 lm/W	25,000 lumen
40790200	BY481P LED350S/840 PSD MB GC SI BR	4000 K	-	150 lm/W	35,000 lumen
40801500	BY481P LED350S/840 PSD WB GC SI BR	4000 K	-	150 lm/W	35,000 lumen
40730800	BY481P LED250S/840 PSD WB GC SI	4000 K	-	154 lm/W	25,000 lumen
40731500	BY481P LED250S/840 PSD MB GC SI	4000 K	-	154 lm/W	25,000 lumen
40732200	BY481P LED350S/840 PSD MB GC SI	4000 K	-	150 lm/W	35,000 lumen
40734600	BY481P LED250S/840 PSD NB GC SI	4000 K	-	154 lm/W	25,000 lumen
40741400	BY481P LED250S/840 PSD WB PC SI	4000 K	-	154 lm/W	25,000 lumen
40743800	BY481P LED350S/840 PSD WB GC SI	4000 K	-	150 lm/W	35,000 lumen
40744500	BY481P LED250S/840 PSD MB PC SI	4000 K	-	154 lm/W	25,000 lumen
40763600	BY481P LED250S/840 PSD HRO GC SI	4000 K	-	154 lm/W	25,000 lumen
40767400	BY481P LED350S/840 PSD HRO GC SI	4000 K	-	150 lm/W	35,000 lumen

GentleSpace Gen3

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Optical cover/lens type	Luminous Efficacy (rated) (Nom)	Luminous Flux
		(K)		(lm/W)	(lumen)
40768100	BY481P LED350S/840 PSD NB GC SI	4000	-	150	35,000
40769800	BY481P LED250S/840 PSD HRO PC SI	4000	-	154	25,000
40793300	BY481P LED350S/840 PSD WB PC SI	4000	-	150	35,000
40795700	BY481P LED250S/840 PSD NB PC SI	4000	-	154	25,000

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Optical cover/lens type	Luminous Efficacy (rated) (Nom)	Luminous Flux
		(K)		(lm/W)	(lumen)
40798800	BY481P LED350S/840 PSD MB PC SI	4000	-	150	35,000
40799500	BY481P LED350S/840 PSD HRO PC SI	4000	-	150	35,000
40760500	BY480P LED130S/840 PSD WB GC WH	4000	-	154	13,000
40776600	BY480P LED130S/840 PSD MB GC WH	4000	-	154	13,000

Light Technical (2/2)

Order Code	Full Product Name	Optic type
40766700	BY480P LED130S/840 PSD WB GC SI BR	Wide beam
40779700	BY480P LED170S/840 PSD MB GC SI BR	Medium beam
40797100	BY480P LED170S/840 PSD NB GC SI BR	Narrow beam
40757500	BY481P LED250S/840 PSD MB GC WH	Medium beam
40771100	BY481P LED250S/840 PSD MB PC WH	Medium beam
40777300	BY481P LED250S/840 PSD WB GC WH	Wide beam
40800800	BY481P LED250S/840 PSD HRO GC WH	High-rack optic
40830500	BY481P LED250S/865 PSD WB GC SI	Wide beam
40832900	BY481P LED350S/840 PSD WB GC SI ELD3	Wide beam
40892300	BY481P LED250S/840 PSD-CLO WB GC SI	Wide beam
01091800	BY483P LED250S/840 PSD WB GC SI	Wide beam
01094900	BY481P LED250S/840 PSD WB GC SI XT	Wide beam
01095600	BY481P LED350S/840 PSD WB GC SI XT	Wide beam
01102100	BY481P LED250S/840 PSED WB GC SI	Wide beam
01103800	BY481P LED250S/840 PSED-CLO WB GC SI	Wide beam
40781000	BY481P LED250S/840 PSD MB GC WH BR	Medium beam
40788900	BY481P LED250S/840 PSD WB GC WH BR	Wide beam
41152700	BY481P LED350S/865 PSD WB PC SI BR	Wide beam
40733900	BY480P LED130S/840 PSD WB GC SI	Wide beam
40736000	BY480P LED170S/840 PSD WB GC SI	Wide beam
40738400	BY480P LED130S/840 PSD MB GC SI	Medium beam
40739100	BY480P LED170S/840 PSD HRO GC SI	High-rack optic
40742100	BY480P LED130S/840 PSD HRO GC SI	High-rack optic
40745200	BY480P LED170S/840 PSD MB GC SI	Medium beam
40785800	BY480P LED130S/840 PSD NB GC SI	Narrow beam
40828200	BY480P LED170S/865 PSD WB GC SI	Wide beam
01089500	BY480P LED130S/865 PSD WB GC SI	Wide beam
01090100	BY482P LED170S/840 PSD WB GC SI	Wide beam
01092500	BY480P LED130S/840 PSD WB GC SI XT	Wide beam

Order Code	Full Product Name	Optic type
01093200	BY480P LED170S/840 PSD WB GC SI XT	Wide beam
41463400	BY480P LED130S/840 PSD NBA GC SI	Narrow beam adjustable
41464100	BY480P LED170S/840 PSD NBA GC SI	Narrow beam adjustable
41465800	BY481P LED250S/840 PSD NBA GC SI	Narrow beam adjustable
41466500	BY481P LED350S/840 PSD NBA GC SI	Narrow beam adjustable
40750600	BY481P LED250S/840 PSD MB GC SI BR	Medium beam
40758200	BY481P LED250S/840 PSD WB GC SI BR	Wide beam
40778000	BY481P LED250S/840 PSD NB GC SI BR	Narrow beam
40786500	BY481P LED250S/840 PSD HRO GC SI BR	High-rack optic
40790200	BY481P LED350S/840 PSD MB GC SI BR	Medium beam
40801500	BY481P LED350S/840 PSD WB GC SI BR	Wide beam
40730800	BY481P LED250S/840 PSD WB GC SI	Wide beam
40731500	BY481P LED250S/840 PSD MB GC SI	Medium beam
40732200	BY481P LED350S/840 PSD MB GC SI	Medium beam
40734600	BY481P LED250S/840 PSD NB GC SI	Narrow beam
40741400	BY481P LED250S/840 PSD WB PC SI	Wide beam
40743800	BY481P LED350S/840 PSD WB GC SI	Wide beam
40744500	BY481P LED250S/840 PSD MB PC SI	Medium beam
40763600	BY481P LED250S/840 PSD HRO GC SI	High-rack optic
40767400	BY481P LED350S/840 PSD HRO GC SI	High-rack optic
40768100	BY481P LED350S/840 PSD NB GC SI	Narrow beam
40769800	BY481P LED250S/840 PSD HRO PC SI	High-rack optic
40793300	BY481P LED350S/840 PSD WB PC SI	Wide beam
40795700	BY481P LED250S/840 PSD NB PC SI	Narrow beam
40798800	BY481P LED350S/840 PSD MB PC SI	Medium beam
40799500	BY481P LED350S/840 PSD HRO PC SI	High-rack optic
40760500	BY480P LED130S/840 PSD WB GC WH	Wide beam
40776600	BY480P LED130S/840 PSD MB GC WH	Medium beam

Operating and Electrical

GentleSpace Gen3

Order Code	Full Product Name	Power Consumption
40766700	BY480P LED130S/840 PSD WB GC SI BR	84 W
40779700	BY480P LED170S/840 PSD MB GC SI BR	120 W
40797100	BY480P LED170S/840 PSD NB GC SI BR	120 W
40757500	BY481P LED250S/840 PSD MB GC WH	162 W
40771100	BY481P LED250S/840 PSD MB PC WH	162 W
40777300	BY481P LED250S/840 PSD WB GC WH	162 W
40800800	BY481P LED250S/840 PSD HRO GC WH	162 W
40830500	BY481P LED250S/865 PSD WB GC SI	162 W
40832900	BY481P LED350S/840 PSD WB GC SI ELD3	232 W
40892300	BY481P LED250S/840 PSD-CLO WB GC SI	162 W
01091800	BY483P LED250S/840 PSD WB GC SI	162 W
01094900	BY481P LED250S/840 PSD WB GC SI XT	162 W
01095600	BY481P LED350S/840 PSD WB GC SI XT	232 W
01102100	BY481P LED250S/840 PSED WB GC SI	162 W
01103800	BY481P LED250S/840 PSED-CLO WB GC SI	162 W
40781000	BY481P LED250S/840 PSD MB GC WH BR	162 W
40788900	BY481P LED250S/840 PSD WB GC WH BR	162 W
41152700	BY481P LED350S/865 PSD WB PC SI BR	232 W
40733900	BY480P LED130S/840 PSD WB GC SI	84 W
40736000	BY480P LED170S/840 PSD WB GC SI	120 W
40738400	BY480P LED130S/840 PSD MB GC SI	84 W
40739100	BY480P LED170S/840 PSD HRO GC SI	120 W
40742100	BY480P LED130S/840 PSD HRO GC SI	84 W
40745200	BY480P LED170S/840 PSD MB GC SI	120 W
40785800	BY480P LED130S/840 PSD NB GC SI	84 W
40828200	BY480P LED170S/865 PSD WB GC SI	120 W
01089500	BY480P LED130S/865 PSD WB GC SI	84 W
01090100	BY482P LED170S/840 PSD WB GC SI	120 W
01092500	BY480P LED130S/840 PSD WB GC SI XT	84 W

Order Code	Full Product Name	Power Consumption
01093200	BY480P LED170S/840 PSD WB GC SI XT	120 W
41463400	BY480P LED130S/840 PSD NBA GC SI	84 W
41464100	BY480P LED170S/840 PSD NBA GC SI	120 W
41465800	BY481P LED250S/840 PSD NBA GC SI	162 W
41466500	BY481P LED350S/840 PSD NBA GC SI	232 W
40750600	BY481P LED250S/840 PSD MB GC SI BR	162 W
40758200	BY481P LED250S/840 PSD WB GC SI BR	162 W
40778000	BY481P LED250S/840 PSD NB GC SI BR	162 W
40786500	BY481P LED250S/840 PSD HRO GC SI BR	162 W
40790200	BY481P LED350S/840 PSD MB GC SI BR	232 W
40801500	BY481P LED350S/840 PSD WB GC SI BR	232 W
40730800	BY481P LED250S/840 PSD WB GC SI	162 W
40731500	BY481P LED250S/840 PSD MB GC SI	162 W
40732200	BY481P LED350S/840 PSD MB GC SI	232 W
40734600	BY481P LED250S/840 PSD NB GC SI	162 W
40741400	BY481P LED250S/840 PSD WB PC SI	162 W
40743800	BY481P LED350S/840 PSD WB GC SI	232 W
40744500	BY481P LED250S/840 PSD MB PC SI	162 W
40763600	BY481P LED250S/840 PSD HRO GC SI	162 W
40767400	BY481P LED350S/840 PSD HRO GC SI	232 W
40768100	BY481P LED350S/840 PSD NB GC SI	232 W
40769800	BY481P LED250S/840 PSD HRO PC SI	162 W
40793300	BY481P LED350S/840 PSD WB PC SI	232 W
40795700	BY481P LED250S/840 PSD NB PC SI	162 W
40798800	BY481P LED350S/840 PSD MB PC SI	232 W
40799500	BY481P LED350S/840 PSD HRO PC SI	232 W
40760500	BY480P LED130S/840 PSD WB GC WH	84 W
40776600	BY480P LED130S/840 PSD MB GC WH	84 W

Temperature

Order Code	Full Product Name	Ambient temperature range
40766700	BY480P LED130S/840 PSD WB GC SI BR	-30 to +45 °C
40779700	BY480P LED170S/840 PSD MB GC SI BR	-30 to +45 °C
40797100	BY480P LED170S/840 PSD NB GC SI BR	-30 to +45 °C
40757500	BY481P LED250S/840 PSD MB GC WH	-30 to +45 °C
40771100	BY481P LED250S/840 PSD MB PC WH	-30 to +45 °C
40777300	BY481P LED250S/840 PSD WB GC WH	-30 to +45 °C
40800800	BY481P LED250S/840 PSD HRO GC WH	-30 to +45 °C
40830500	BY481P LED250S/865 PSD WB GC SI	-30 to +45 °C
40832900	BY481P LED350S/840 PSD WB GC SI ELD3	0 to +25 °C
40892300	BY481P LED250S/840 PSD-CLO WB GC SI	-30 to +45 °C
01091800	BY483P LED250S/840 PSD WB GC SI	-30 to +45 °C
01094900	BY481P LED250S/840 PSD WB GC SI XT	-40 to +70 °C
01095600	BY481P LED350S/840 PSD WB GC SI XT	-30 to +60 °C
01102100	BY481P LED250S/840 PSED WB GC SI	-30 to +45 °C
01103800	BY481P LED250S/840 PSED-CLO WB GC SI	-30 to +45 °C
40781000	BY481P LED250S/840 PSD MB GC WH BR	-30 to +45 °C
40788900	BY481P LED250S/840 PSD WB GC WH BR	-30 to +45 °C
41152700	BY481P LED350S/865 PSD WB PC SI BR	-30 to +45 °C
40733900	BY480P LED130S/840 PSD WB GC SI	-30 to +45 °C

Order Code	Full Product Name	Ambient temperature range
40736000	BY480P LED170S/840 PSD WB GC SI	-30 to +45 °C
40738400	BY480P LED130S/840 PSD MB GC SI	-30 to +45 °C
40739100	BY480P LED170S/840 PSD HRO GC SI	-30 to +45 °C
40742100	BY480P LED130S/840 PSD HRO GC SI	-30 to +45 °C
40745200	BY480P LED170S/840 PSD MB GC SI	-30 to +45 °C
40785800	BY480P LED130S/840 PSD NB GC SI	-30 to +45 °C
40828200	BY480P LED170S/865 PSD WB GC SI	-30 to +45 °C
01089500	BY480P LED130S/865 PSD WB GC SI	-30 to +45 °C
01090100	BY482P LED170S/840 PSD WB GC SI	-30 to +45 °C
01092500	BY480P LED130S/840 PSD WB GC SI XT	-40 to +70 °C
01093200	BY480P LED170S/840 PSD WB GC SI XT	-30 to +60 °C
41463400	BY480P LED130S/840 PSD NBA GC SI	-30 to +45 °C
41464100	BY480P LED170S/840 PSD NBA GC SI	-30 to +45 °C
41465800	BY481P LED250S/840 PSD NBA GC SI	-30 to +45 °C
41466500	BY481P LED350S/840 PSD NBA GC SI	-30 to +45 °C
40750600	BY481P LED250S/840 PSD MB GC SI BR	-30 to +45 °C
40758200	BY481P LED250S/840 PSD WB GC SI BR	-30 to +45 °C
40778000	BY481P LED250S/840 PSD NB GC SI BR	-30 to +45 °C
40786500	BY481P LED250S/840 PSD HRO GC SI BR	-30 to +45 °C

GentleSpace Gen3

Order Code	Full Product Name	Ambient temperature range
40790200	BY481P LED350S/840 PSD MB GC SI BR	-30 to +45 °C
40801500	BY481P LED350S/840 PSD WB GC SI BR	-30 to +45 °C
40730800	BY481P LED250S/840 PSD WB GC SI	-30 to +45 °C
40731500	BY481P LED250S/840 PSD MB GC SI	-30 to +45 °C
40732200	BY481P LED350S/840 PSD MB GC SI	-30 to +45 °C
40734600	BY481P LED250S/840 PSD NB GC SI	-30 to +45 °C
40741400	BY481P LED250S/840 PSD WB PC SI	-30 to +45 °C
40743800	BY481P LED350S/840 PSD WB GC SI	-30 to +45 °C
40744500	BY481P LED250S/840 PSD MB PC SI	-30 to +45 °C
40763600	BY481P LED250S/840 PSD HRO GC SI	-30 to +45 °C

Order Code	Full Product Name	Ambient temperature range
40767400	BY481P LED350S/840 PSD HRO GC SI	-30 to +45 °C
40768100	BY481P LED350S/840 PSD NB GC SI	-30 to +45 °C
40769800	BY481P LED250S/840 PSD HRO PC SI	-30 to +45 °C
40793300	BY481P LED350S/840 PSD WB PC SI	-30 to +45 °C
40795700	BY481P LED250S/840 PSD NB PC SI	-30 to +45 °C
40798800	BY481P LED350S/840 PSD MB PC SI	-30 to +45 °C
40799500	BY481P LED350S/840 PSD HRO PC SI	-30 to +45 °C
40760500	BY480P LED130S/840 PSD WB GC WH	-30 to +45 °C
40776600	BY480P LED130S/840 PSD MB GC WH	-30 to +45 °C

Mechanical and Housing

Order Code	Full Product Name	Housing Color
40766700	BY480P LED130S/840 PSD WB GC SI BR	Silver RAL 9006
40779700	BY480P LED170S/840 PSD MB GC SI BR	Silver RAL 9006
40797100	BY480P LED170S/840 PSD NB GC SI BR	Silver RAL 9006
40757500	BY481P LED250S/840 PSD MB GC WH	White
40771100	BY481P LED250S/840 PSD MB PC WH	White
40777300	BY481P LED250S/840 PSD WB GC WH	White
40800800	BY481P LED250S/840 PSD HRO GC WH	White
40830500	BY481P LED250S/865 PSD WB GC SI	Silver RAL 9006
40832900	BY481P LED350S/840 PSD WB GC SI ELD3	Silver RAL 9006
40892300	BY481P LED250S/840 PSD-CLO WB GC SI	Silver RAL 9006
01091800	BY483P LED250S/840 PSD WB GC SI	Silver RAL 9006
01094900	BY481P LED250S/840 PSD WB GC SI XT	Silver RAL 9006
01095600	BY481P LED350S/840 PSD WB GC SI XT	Silver RAL 9006
01102100	BY481P LED250S/840 PSED WB GC SI	Silver RAL 9006
01103800	BY481P LED250S/840 PSED-CLO WB GC SI	Silver RAL 9006
40781000	BY481P LED250S/840 PSD MB GC WH BR	White
40788900	BY481P LED250S/840 PSD WB GC WH BR	White
41152700	BY481P LED350S/865 PSD WB PC SI BR	Silver RAL 9006
40733900	BY480P LED130S/840 PSD WB GC SI	Silver RAL 9006
40736000	BY480P LED170S/840 PSD WB GC SI	Silver RAL 9006
40738400	BY480P LED130S/840 PSD MB GC SI	Silver RAL 9006
40739100	BY480P LED170S/840 PSD HRO GC SI	Silver RAL 9006
40742100	BY480P LED130S/840 PSD HRO GC SI	Silver RAL 9006
40745200	BY480P LED170S/840 PSD MB GC SI	Silver RAL 9006
40785800	BY480P LED130S/840 PSD NB GC SI	Silver RAL 9006
40828200	BY480P LED170S/865 PSD WB GC SI	Silver RAL 9006
01089500	BY480P LED130S/865 PSD WB GC SI	Silver RAL 9006
01090100	BY482P LED170S/840 PSD WB GC SI	Silver RAL 9006
01092500	BY480P LED130S/840 PSD WB GC SI XT	Silver RAL 9006

Order Code	Full Product Name	Housing Color
01093200	BY480P LED170S/840 PSD WB GC SI XT	Silver RAL 9006
41463400	BY480P LED130S/840 PSD NBA GC SI	Silver RAL 9006
41464100	BY480P LED170S/840 PSD NBA GC SI	Silver RAL 9006
41465800	BY481P LED250S/840 PSD NBA GC SI	Silver RAL 9006
41466500	BY481P LED350S/840 PSD NBA GC SI	Silver RAL 9006
40750600	BY481P LED250S/840 PSD MB GC SI BR	Silver RAL 9006
40758200	BY481P LED250S/840 PSD WB GC SI BR	Silver RAL 9006
40778000	BY481P LED250S/840 PSD NB GC SI BR	Silver RAL 9006
40786500	BY481P LED250S/840 PSD HRO GC SI BR	Silver RAL 9006
40790200	BY481P LED350S/840 PSD MB GC SI BR	Silver RAL 9006
40801500	BY481P LED350S/840 PSD WB GC SI BR	Silver RAL 9006
40730800	BY481P LED250S/840 PSD WB GC SI	Silver RAL 9006
40731500	BY481P LED250S/840 PSD MB GC SI	Silver RAL 9006
40732200	BY481P LED350S/840 PSD MB GC SI	Silver RAL 9006
40734600	BY481P LED250S/840 PSD NB GC SI	Silver RAL 9006
40741400	BY481P LED250S/840 PSD WB PC SI	Silver RAL 9006
40743800	BY481P LED350S/840 PSD WB GC SI	Silver RAL 9006
40744500	BY481P LED250S/840 PSD MB PC SI	Silver RAL 9006
40763600	BY481P LED250S/840 PSD HRO GC SI	Silver RAL 9006
40767400	BY481P LED350S/840 PSD HRO GC SI	Silver RAL 9006
40768100	BY481P LED350S/840 PSD NB GC SI	Silver RAL 9006
40769800	BY481P LED250S/840 PSD HRO PC SI	Silver RAL 9006
40793300	BY481P LED350S/840 PSD WB PC SI	Silver RAL 9006
40795700	BY481P LED250S/840 PSD NB PC SI	Silver RAL 9006
40798800	BY481P LED350S/840 PSD MB PC SI	Silver RAL 9006
40799500	BY481P LED350S/840 PSD HRO PC SI	Silver RAL 9006
40760500	BY480P LED130S/840 PSD WB GC WH	White
40776600	BY480P LED130S/840 PSD MB GC WH	White

Approval and Application

Order Code	Full Product Name	Mech. impact protection code
40766700	BY480P LED130S/840 PSD WB GC SI BR	IK07
40779700	BY480P LED170S/840 PSD MB GC SI BR	IK07
40797100	BY480P LED170S/840 PSD NB GC SI BR	IK07

Order Code	Full Product Name	Mech. impact protection code
40757500	BY481P LED250S/840 PSD MB GC WH	IK07
40771100	BY481P LED250S/840 PSD MB PC WH	IK08
40777300	BY481P LED250S/840 PSD WB GC WH	IK07

GentleSpace Gen3

Order Code	Full Product Name	Mech. impact protection code
40800800	BY481P LED250S/840 PSD HRO GC WH	IK07
40830500	BY481P LED250S/865 PSD WB GC SI	IK07
40832900	BY481P LED350S/840 PSD WB GC SI ELD3	IK07
40892300	BY481P LED250S/840 PSD-CLO WB GC SI	IK07
01091800	BY483P LED250S/840 PSD WB GC SI	IK07
01094900	BY481P LED250S/840 PSD WB GC SI XT	IK07
01095600	BY481P LED350S/840 PSD WB GC SI XT	IK07
01102100	BY481P LED250S/840 PSED WB GC SI	IK07
01103800	BY481P LED250S/840 PSED-CLO WB GC SI	IK07
40781000	BY481P LED250S/840 PSD MB GC WH BR	IK07
40788900	BY481P LED250S/840 PSD WB GC WH BR	IK07
41152700	BY481P LED350S/865 PSD WB PC SI BR	IK08
40733900	BY480P LED130S/840 PSD WB GC SI	IK07
40736000	BY480P LED170S/840 PSD WB GC SI	IK07
40738400	BY480P LED130S/840 PSD MB GC SI	IK07
40739100	BY480P LED170S/840 PSD HRO GC SI	IK07
40742100	BY480P LED130S/840 PSD HRO GC SI	IK07
40745200	BY480P LED170S/840 PSD MB GC SI	IK07
40785800	BY480P LED130S/840 PSD NB GC SI	IK07
40828200	BY480P LED170S/865 PSD WB GC SI	IK07
01089500	BY480P LED130S/865 PSD WB GC SI	IK07
01090100	BY482P LED170S/840 PSD WB GC SI	IK07
01092500	BY480P LED130S/840 PSD WB GC SI XT	IK07
01093200	BY480P LED170S/840 PSD WB GC SI XT	IK07
41463400	BY480P LED130S/840 PSD NBA GC SI	IK07
41464100	BY480P LED170S/840 PSD NBA GC SI	IK07

Order Code	Full Product Name	Mech. impact protection code
41465800	BY481P LED250S/840 PSD NBA GC SI	IK07
41466500	BY481P LED350S/840 PSD NBA GC SI	IK07
40750600	BY481P LED250S/840 PSD MB GC SI BR	IK07
40758200	BY481P LED250S/840 PSD WB GC SI BR	IK07
40778000	BY481P LED250S/840 PSD NB GC SI BR	IK07
40786500	BY481P LED250S/840 PSD HRO GC SI BR	IK07
40790200	BY481P LED350S/840 PSD MB GC SI BR	IK07
40801500	BY481P LED350S/840 PSD WB GC SI BR	IK07
40730800	BY481P LED250S/840 PSD WB GC SI	IK07
40731500	BY481P LED250S/840 PSD MB GC SI	IK07
40732200	BY481P LED350S/840 PSD MB GC SI	IK07
40734600	BY481P LED250S/840 PSD NB GC SI	IK07
40741400	BY481P LED250S/840 PSD WB PC SI	IK08
40743800	BY481P LED350S/840 PSD WB GC SI	IK07
40744500	BY481P LED250S/840 PSD MB PC SI	IK08
40763600	BY481P LED250S/840 PSD HRO GC SI	IK07
40767400	BY481P LED350S/840 PSD HRO GC SI	IK07
40768100	BY481P LED350S/840 PSD NB GC SI	IK07
40769800	BY481P LED250S/840 PSD HRO PC SI	IK08
40793300	BY481P LED350S/840 PSD WB PC SI	IK08
40795700	BY481P LED250S/840 PSD NB PC SI	IK08
40798800	BY481P LED350S/840 PSD MB PC SI	IK08
40799500	BY481P LED350S/840 PSD HRO PC SI	IK08
40760500	BY480P LED130S/840 PSD WB GC WH	IK07
40776600	BY480P LED130S/840 PSD MB GC WH	IK07

