PHILIPS

Lighting

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

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

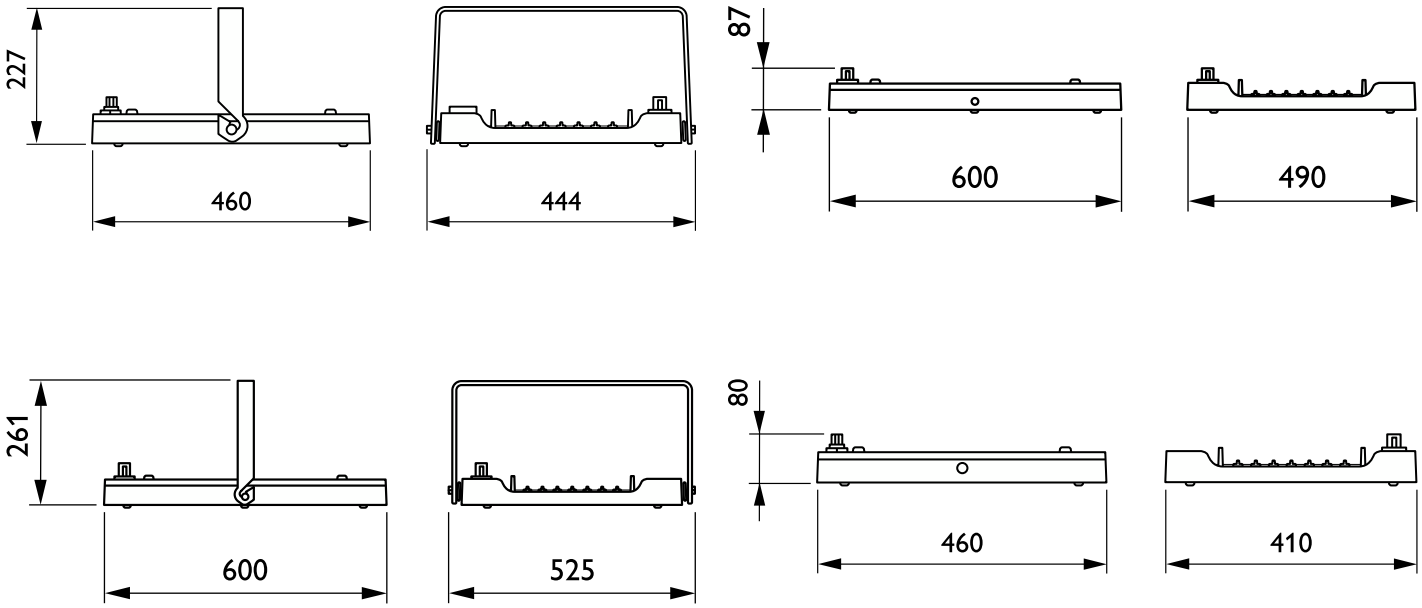
Application

- 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

Dimensional drawing



General Information	
CE mark	Yes
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	-
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	Explosion hazard class	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	Zone 2 and 22	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

Order Code	Full Product Name	Explosion hazard class	Glow-wire test	Product family code
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	Zone 2 and 22	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
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
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

Order Code	Full Product Name	Explosion hazard class	Glow-wire test	Product family code
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 Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
40766700	BY480P LED130S/840 PSD WB GC SI BR	4000 K	152 lm/W	13,000 lm	Wide beam
40779700	BY480P LED170S/840 PSD MB GC SI BR	4000 K	150 lm/W	17,000 lm	Medium beam
40797100	BY480P LED170S/840 PSD NB GC SI BR	4000 K	150 lm/W	17,000 lm	Narrow beam
40757500	BY481P LED250S/840 PSD MB GC WH	4000 K	160 lm/W	25,000 lm	Medium beam
40771100	BY481P LED250S/840 PSD MB PC WH	4000 K	160 lm/W	25,000 lm	Medium beam
40777300	BY481P LED250S/840 PSD WB GC WH	4000 K	160 lm/W	25,000 lm	Wide beam
40800800	BY481P LED250S/840 PSD HRO GC WH	4000 K	160 lm/W	25,000 lm	High-rack optic
40830500	BY481P LED250S/865 PSD WB GC SI	6500 K	160 lm/W	25,000 lm	Wide beam
40832900	BY481P LED350S/840 PSD WB GC SI ELD3	4000 K	145 lm/W	35,000 lm	Wide beam
40892300	BY481P LED250S/840 PSD-CLO WB GC SI	4000 K	160 lm/W	25,000 lm	Wide beam
01091800	BY483P LED250S/840 PSD WB GC SI	4000 K	160 lm/W	25,000 lm	Wide beam
01094900	BY481P LED250S/840 PSD WB GC SI XT	4000 K	160 lm/W	25,000 lm	Wide beam
01095600	BY481P LED350S/840 PSD WB GC SI XT	4000 K	148 lm/W	35,000 lm	Wide beam
01102100	BY481P LED250S/840 PSED WB GC SI	4000 K	160 lm/W	25,000 lm	Wide beam
01103800	BY481P LED250S/840 PSED-CLO WB GC SI	4000 K	160 lm/W	25,000 lm	Wide beam
40781000	BY481P LED250S/840 PSD MB GC WH BR	4000 K	160 lm/W	25,000 lm	Medium beam
40788900	BY481P LED250S/840 PSD WB GC WH BR	4000 K	160 lm/W	25,000 lm	Wide beam
41152700	BY481P LED350S/865 PSD WB PC SI BR	6500 K	148 lm/W	35,000 lm	Wide beam
40733900	BY480P LED130S/840 PSD WB GC SI	4000 K	152 lm/W	13,000 lm	Wide beam
40736000	BY480P LED170S/840 PSD WB GC SI	4000 K	150 lm/W	17,000 lm	Wide beam
40738400	BY480P LED130S/840 PSD MB GC SI	4000 K	152 lm/W	13,000 lm	Medium beam

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
40739100	BY480P LED170S/840 PSD HRO GC SI	4000 K	150 lm/W	17,000 lm	High-rack optic
40742100	BY480P LED130S/840 PSD HRO GC SI	4000 K	152 lm/W	13,000 lm	High-rack optic
40745200	BY480P LED170S/840 PSD MB GC SI	4000 K	150 lm/W	17,000 lm	Medium beam
40785800	BY480P LED130S/840 PSD NB GC SI	4000 K	152 lm/W	13,000 lm	Narrow beam
40828200	BY480P LED170S/865 PSD WB GC SI	6500 K	150 lm/W	17,000 lm	Wide beam
01089500	BY480P LED130S/865 PSD WB GC SI	6500 K	152 lm/W	13,000 lm	Wide beam
01090100	BY482P LED170S/840 PSD WB GC SI	4000 K	150 lm/W	17,000 lm	Wide beam
01092500	BY480P LED130S/840 PSD WB GC SI XT	4000 K	152 lm/W	13,000 lm	Wide beam
01093200	BY480P LED170S/840 PSD WB GC SI XT	4000 K	150 lm/W	17,000 lm	Wide beam
40750600	BY481P LED250S/840 PSD MB GC SI BR	4000 K	160 lm/W	25,000 lm	Medium beam
40758200	BY481P LED250S/840 PSD WB GC SI BR	4000 K	160 lm/W	25,000 lm	Wide beam
40778000	BY481P LED250S/840 PSD NB GC SI BR	4000 K	160 lm/W	25,000 lm	Narrow beam
40786500	BY481P LED250S/840 PSD HRO GC SI BR	4000 K	160 lm/W	25,000 lm	High-rack optic
40790200	BY481P LED350S/840 PSD MB GC SI BR	4000 K	148 lm/W	35,000 lm	Medium beam
40801500	BY481P LED350S/840 PSD WB GC SI BR	4000 K	148 lm/W	35,000 lm	Wide beam
40730800	BY481P LED250S/840 PSD WB GC SI	4000 K	160 lm/W	25,000 lm	Wide beam

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
40731500	BY481P LED250S/840 PSD MB GC SI	4000 K	160 lm/W	25,000 lm	Medium beam
40732200	BY481P LED350S/840 PSD MB GC SI	4000 K	148 lm/W	35,000 lm	Medium beam
40734600	BY481P LED250S/840 PSD NB GC SI	4000 K	160 lm/W	25,000 lm	Narrow beam
40741400	BY481P LED250S/840 PSD WB PC SI	4000 K	160 lm/W	25,000 lm	Wide beam
40743800	BY481P LED350S/840 PSD WB GC SI	4000 K	148 lm/W	35,000 lm	Wide beam
40744500	BY481P LED250S/840 PSD MB PC SI	4000 K	160 lm/W	25,000 lm	Medium beam
40763600	BY481P LED250S/840 PSD HRO GC SI	4000 K	160 lm/W	25,000 lm	High-rack optic
40767400	BY481P LED350S/840 PSD HRO GC SI	4000 K	148 lm/W	35,000 lm	High-rack optic
40768100	BY481P LED350S/840 PSD NB GC SI	4000 K	148 lm/W	35,000 lm	Narrow beam
40769800	BY481P LED250S/840 PSD HRO PC SI	4000 K	160 lm/W	25,000 lm	High-rack optic
40793300	BY481P LED350S/840 PSD WB PC SI	4000 K	148 lm/W	35,000 lm	Wide beam
40795700	BY481P LED250S/840 PSD NB PC SI	4000 K	160 lm/W	25,000 lm	Narrow beam
40798800	BY481P LED350S/840 PSD MB PC SI	4000 K	148 lm/W	35,000 lm	Medium beam
40799500	BY481P LED350S/840 PSD HRO PC SI	4000 K	148 lm/W	35,000 lm	High-rack optic
40760500	BY480P LED130S/840 PSD WB GC WH	4000 K	152 lm/W	13,000 lm	Wide beam
40776600	BY480P LED130S/840 PSD MB GC WH	4000 K	152 lm/W	13,000 lm	Medium beam

Light Technical (2/2)

Order Code	Full Product Name	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	Stroboscopic effect visibility measure (SVM)
40766700	BY480P LED130S/840 PSD WB GC SI BR	0.12	0.07
40779700	BY480P LED170S/840 PSD MB GC SI BR	0.12	0.07
40797100	BY480P LED170S/840 PSD NB GC SI BR	0.12	0.07
40757500	BY481P LED250S/840 PSD MB GC WH	0.12	0.07
40771100	BY481P LED250S/840 PSD MB PC WH	0.12	0.07
40777300	BY481P LED250S/840 PSD WB GC WH	0.12	0.07
40800800	BY481P LED250S/840 PSD HRO GC WH	0.12	0.07
40830500	BY481P LED250S/865 PSD WB GC SI	0.12	0.07
40832900	BY481P LED350S/840 PSD WB GC SI ELD3	0.22	0.01
40892300	BY481P LED250S/840 PSD-CLO WB GC SI	0.12	0.07
01091800	BY483P LED250S/840 PSD WB GC SI	0.12	0.07
01094900	BY481P LED250S/840 PSD WB GC SI XT	0.12	0.07
01095600	BY481P LED350S/840 PSD WB GC SI XT	0.22	0.01
01102100	BY481P LED250S/840 PSED WB GC SI	0.04	0.07
01103800	BY481P LED250S/840 PSED-CLO WB GC SI	0.04	0.07
40781000	BY481P LED250S/840 PSD MB GC WH BR	0.12	0.07
40788900	BY481P LED250S/840 PSD WB GC WH BR	0.12	0.07
41152700	BY481P LED350S/865 PSD WB PC SI BR	0.22	0.01
40733900	BY480P LED130S/840 PSD WB GC SI	0.12	0.07
40736000	BY480P LED170S/840 PSD WB GC SI	0.12	0.07
40738400	BY480P LED130S/840 PSD MB GC SI	0.12	0.07
40739100	BY480P LED170S/840 PSD HRO GC SI	0.12	0.07
40742100	BY480P LED130S/840 PSD HRO GC SI	0.12	0.07
40745200	BY480P LED170S/840 PSD MB GC SI	0.12	0.07
40785800	BY480P LED130S/840 PSD NB GC SI	0.12	0.07
40828200	BY480P LED170S/865 PSD WB GC SI	0.12	0.07
01089500	BY480P LED130S/865 PSD WB GC SI	0.12	0.07
01090100	BY482P LED170S/840 PSD WB GC SI	0.12	0.07
01092500	BY480P LED130S/840 PSD WB GC SI XT	0.12	0.07
01093200	BY480P LED170S/840 PSD WB GC SI XT	0.12	0.07
40750600	BY481P LED250S/840 PSD MB GC SI BR	0.12	0.07
40758200	BY481P LED250S/840 PSD WB GC SI BR	0.12	0.07
40778000	BY481P LED250S/840 PSD NB GC SI BR	0.12	0.07
40786500	BY481P LED250S/840 PSD HRO GC SI BR	0.12	0.07
40790200	BY481P LED350S/840 PSD MB GC SI BR	0.22	0.01
40801500	BY481P LED350S/840 PSD WB GC SI BR	0.22	0.01
40730800	BY481P LED250S/840 PSD WB GC SI	0.12	0.07
40731500	BY481P LED250S/840 PSD MB GC SI	0.12	0.07
40732200	BY481P LED350S/840 PSD MB GC SI	0.22	0.01
40734600	BY481P LED250S/840 PSD NB GC SI	0.12	0.07
40741400	BY481P LED250S/840 PSD WB PC SI	0.12	0.07
40743800	BY481P LED350S/840 PSD WB GC SI	0.22	0.01
40744500	BY481P LED250S/840 PSD MB PC SI	0.12	0.07
40763600	BY481P LED250S/840 PSD HRO GC SI	0.12	0.07
40767400	BY481P LED350S/840 PSD HRO GC SI	0.22	0.01
40768100	BY481P LED350S/840 PSD NB GC SI	0.22	0.01
40769800	BY481P LED250S/840 PSD HRO PC SI	0.12	0.07
40793300	BY481P LED350S/840 PSD WB PC SI	0.22	0.01
40795700	BY481P LED250S/840 PSD NB PC SI	0.12	0.07
40798800	BY481P LED350S/840 PSD MB PC SI	0.22	0.01
40799500	BY481P LED350S/840 PSD HRO PC SI	0.22	0.01
40760500	BY480P LED130S/840 PSD WB GC WH	0.12	0.07
40776600	BY480P LED130S/840 PSD MB GC WH	0.12	0.07

Operating and Electrical

Order Code	Full Product Name	Power Consumption
40766700	BY480P LED130S/840 PSD WB GC SI BR	85 W
40779700	BY480P LED170S/840 PSD MB GC SI BR	113 W
40797100	BY480P LED170S/840 PSD NB GC SI BR	113 W
40757500	BY481P LED250S/840 PSD MB GC WH	156 W
40771100	BY481P LED250S/840 PSD MB PC WH	156 W
40777300	BY481P LED250S/840 PSD WB GC WH	156 W
40800800	BY481P LED250S/840 PSD HRO GC WH	156 W
40830500	BY481P LED250S/865 PSD WB GC SI	156 W

Order Code	Full Product Name	Power Consumption
40832900	BY481P LED350S/840 PSD WB GC SI ELD3	240 W
40892300	BY481P LED250S/840 PSD-CLO WB GC SI	156 W
01091800	BY483P LED250S/840 PSD WB GC SI	156 W
01094900	BY481P LED250S/840 PSD WB GC SI XT	156 W
01095600	BY481P LED350S/840 PSD WB GC SI XT	235 W
01102100	BY481P LED250S/840 PSED WB GC SI	156 W
01103800	BY481P LED250S/840 PSED-CLO WB GC SI	156 W
40781000	BY481P LED250S/840 PSD MB GC WH BR	156 W
40788900	BY481P LED250S/840 PSD WB GC WH BR	156 W
41152700	BY481P LED350S/865 PSD WB PC SI BR	235 W
40733900	BY480P LED130S/840 PSD WB GC SI	85 W
40736000	BY480P LED170S/840 PSD WB GC SI	113 W
40738400	BY480P LED130S/840 PSD MB GC SI	85 W
40739100	BY480P LED170S/840 PSD HRO GC SI	113 W
40742100	BY480P LED130S/840 PSD HRO GC SI	85 W
40745200	BY480P LED170S/840 PSD MB GC SI	113 W
40785800	BY480P LED130S/840 PSD NB GC SI	85 W
40828200	BY480P LED170S/865 PSD WB GC SI	113 W
01089500	BY480P LED130S/865 PSD WB GC SI	85 W
01090100	BY482P LED170S/840 PSD WB GC SI	113 W
01092500	BY480P LED130S/840 PSD WB GC SI XT	85 W
01093200	BY480P LED170S/840 PSD WB GC SI XT	113 W
40750600	BY481P LED250S/840 PSD MB GC SI BR	156 W

Order Code	Full Product Name	Power Consumption
40758200	BY481P LED250S/840 PSD WB GC SI BR	156 W
40778000	BY481P LED250S/840 PSD NB GC SI BR	156 W
40786500	BY481P LED250S/840 PSD HRO GC SI BR	156 W
40790200	BY481P LED350S/840 PSD MB GC SI BR	235 W
40801500	BY481P LED350S/840 PSD WB GC SI BR	235 W
40730800	BY481P LED250S/840 PSD WB GC SI	156 W
40731500	BY481P LED250S/840 PSD MB GC SI	156 W
40732200	BY481P LED350S/840 PSD MB GC SI	235 W
40734600	BY481P LED250S/840 PSD NB GC SI	156 W
40741400	BY481P LED250S/840 PSD WB PC SI	156 W
40743800	BY481P LED350S/840 PSD WB GC SI	235 W
40744500	BY481P LED250S/840 PSD MB PC SI	156 W
40763600	BY481P LED250S/840 PSD HRO GC SI	156 W
40767400	BY481P LED350S/840 PSD HRO GC SI	235 W
40768100	BY481P LED350S/840 PSD NB GC SI	235 W
40769800	BY481P LED250S/840 PSD HRO PC SI	156 W
40793300	BY481P LED350S/840 PSD WB PC SI	235 W
40795700	BY481P LED250S/840 PSD NB PC SI	156 W
40798800	BY481P LED350S/840 PSD MB PC SI	235 W
40799500	BY481P LED350S/840 PSD HRO PC SI	235 W
40760500	BY480P LED130S/840 PSD WB GC WH	85 W
40776600	BY480P LED130S/840 PSD MB GC WH	85 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
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

Order Code	Full Product Name	Ambient temperature range
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
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
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
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

Order Code	Full Product Name	Ambient temperature range
40799500	BY481P LED350S/840 PSD HRO PC SI	-30 to +45 °C
40760500	BY480P LED130S/840 PSD WB GC WH	-30 to +45 °C

Order Code	Full Product Name	Ambient temperature range
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
40779700	BY480P LED170S/840 PSD MB GC SI BR	Silver
40797100	BY480P LED170S/840 PSD NB GC SI BR	Silver
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
40832900	BY481P LED350S/840 PSD WB GC SI ELD3	Silver
40892300	BY481P LED250S/840 PSD-CLO WB GC SI	Silver
01091800	BY483P LED250S/840 PSD WB GC SI	Silver
01094900	BY481P LED250S/840 PSD WB GC SI XT	Silver
01095600	BY481P LED350S/840 PSD WB GC SI XT	Silver
01102100	BY481P LED250S/840 PSED WB GC SI	Silver
01103800	BY481P LED250S/840 PSED-CLO WB GC SI	Silver
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
40733900	BY480P LED130S/840 PSD WB GC SI	Silver
40736000	BY480P LED170S/840 PSD WB GC SI	Silver
40738400	BY480P LED130S/840 PSD MB GC SI	Silver
40739100	BY480P LED170S/840 PSD HRO GC SI	Silver
40742100	BY480P LED130S/840 PSD HRO GC SI	Silver
40745200	BY480P LED170S/840 PSD MB GC SI	Silver
40785800	BY480P LED130S/840 PSD NB GC SI	Silver
40828200	BY480P LED170S/865 PSD WB GC SI	Silver
01089500	BY480P LED130S/865 PSD WB GC SI	Silver

Order Code	Full Product Name	Housing Color
01090100	BY482P LED170S/840 PSD WB GC SI	Silver
01092500	BY480P LED130S/840 PSD WB GC SI XT	Silver
01093200	BY480P LED170S/840 PSD WB GC SI XT	Silver
40750600	BY481P LED250S/840 PSD MB GC SI BR	Silver
40758200	BY481P LED250S/840 PSD WB GC SI BR	Silver
40778000	BY481P LED250S/840 PSD NB GC SI BR	Silver
40786500	BY481P LED250S/840 PSD HRO GC SI BR	Silver
40790200	BY481P LED350S/840 PSD MB GC SI BR	Silver
40801500	BY481P LED350S/840 PSD WB GC SI BR	Silver
40730800	BY481P LED250S/840 PSD WB GC SI	Silver
40731500	BY481P LED250S/840 PSD MB GC SI	Silver
40732200	BY481P LED350S/840 PSD MB GC SI	Silver
40734600	BY481P LED250S/840 PSD NB GC SI	Silver
40741400	BY481P LED250S/840 PSD WB PC SI	Silver
40743800	BY481P LED350S/840 PSD WB GC SI	Silver
40744500	BY481P LED250S/840 PSD MB PC SI	Silver
40763600	BY481P LED250S/840 PSD HRO GC SI	Silver
40767400	BY481P LED350S/840 PSD HRO GC SI	Silver
40768100	BY481P LED350S/840 PSD NB GC SI	Silver
40769800	BY481P LED250S/840 PSD HRO PC SI	Silver
40793300	BY481P LED350S/840 PSD WB PC SI	Silver
40795700	BY481P LED250S/840 PSD NB PC SI	Silver
40798800	BY481P LED350S/840 PSD MB PC SI	Silver
40799500	BY481P LED350S/840 PSD HRO PC SI	Silver
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
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
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

Order Code	Full Product Name	Mech. impact protection code
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

GentleSpace Gen3

Order Code	Full Product Name	Mech. impact protection code
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
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

Order Code	Full Product Name	Mech. impact protection code
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

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