



A superior light quality, highly efficient and reliable solution.

Coreline Highbay Gen4

Following the success of the previous-generation CoreLine High-bay, the upgrade to a new generation further improves performance with new innovation design and provides higher efficiency, longer lifetime (to further improve the total cost of ownership) and optional DALI dimming for even further savings. Designed as a replacement for HPI 250/400 W luminaires, CoreLine High-bay G4 offers customers all the benefits of LED lighting – fresh light quality, longer service lifetime, reduced energy consumption and less maintenance – from a trusted manufacturer. At the same time, it delivers clear benefits for the installer too. The luminaire can be installed on the existing grid; electrical connection is straightforward – there is no need to open the luminaire for installation or servicing; and being smaller and lighter than conventional luminaires, it is very easy to handle

Benefits

- Highly efficient, robust and reliable, with a long service lifetime
- Optional beam angles (NB/WB) to meet application requirements
- High-quality visibility and uniformity with limited glare

Features

- High efficiency of up to 145 lm/W
- Long service lifetime of 50 K hrs at L80
- A single-point mounting system for ease of installation
- Low glare rating and colour rendering of ≥ 80
- Suitable for replacement of 250 W/400 W conventional lamps

Coreline Highbay Gen4

Application

- General manufacturing
- Warehouses and logistical centres
- Exhibition halls and high ceiling lounges

Versions



Product details



CoreLine Highbay PSD single suspension point



CoreLine Highbay PSD BY120P top view

Coreline Highbay Gen4

Product details



CoreLine Highbay PSD BY121P top view

Accessories



Ordercode 34186600



Ordercode 34187300

Coreline Highbay Gen4

Application Conditions

Ambient temperature range	-30 to +45 °C
Suitable for random switching	Yes

Approval and Application

Mech. impact protection code	IK07
Ingress protection code	IP65

Operating and Electrical

Input Voltage	220 to 240 V
---------------	--------------

General Information

CE mark	CE mark
Protection class IEC	Safety class I
Optical cover/lens type	PC
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit

Initial Performance (IEC Compliant)

Init. Colour Rendering Index	>80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	Grey
--------	------

Application Conditions

Order Code	Full Product Name	Maximum dim level
33571100	BY120P G4 LED100S/840 PSU NB	Not applicable
33570400	BY120P G4 LED100S/840 PSU WB	Not applicable
33567400	BY120P G4 LED100S/865 PSU NB	Not applicable
33566700	BY120P G4 LED100S/865 PSU WB	Not applicable
33569800	BY121P G4 LED200S/840 PSU NB	Not applicable
33568100	BY121P G4 LED200S/840 PSU WB	Not applicable
33565000	BY121P G4 LED200S/865 PSU NB	Not applicable
33564300	BY121P G4 LED200S/865 PSU WB	Not applicable
33664000	BY122P G4 LED250/840 PSU NB	Not applicable
33665700	BY122P G4 LED250S/840 PSU WB	Not applicable
33666400	BY122P G4 LED250S/865 PSU NB	Not applicable
33667100	BY122P G4 LED250S/865 PSU WB	Not applicable
33702900	BY120P G4 LED100S/840 PSD NB	1%
33703600	BY120P G4 LED100S/840 PSD WB	1%
33704300	BY120P G4 LED100S/865 PSD NB	1%
33705000	BY120P G4 LED100S/865 PSD WB	1%
33698500	BY121P G4 LED200S/840 PSD NB	1%
33699200	BY121P G4 LED200S/840 PSD WB	1%
33700500	BY121P G4 LED200S/865 PSD NB	1%
33701200	BY121P G4 LED200S/865 PSD WB	1%
33879800	BY122P G4 LED250/840 PSD NB	1%
33880400	BY122P G4 LED250/840 PSD WB	1%
33881100	BY122P G4 LED250/860 PSD NB	1%
33882800	BY122P G4 LED250/860 PSD WB	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
33571100	BY120P G4 LED100S/840 PSU NB	No	33702900	BY120P G4 LED100S/840 PSD NB	Yes
33570400	BY120P G4 LED100S/840 PSU WB	No	33703600	BY120P G4 LED100S/840 PSD WB	Yes
33567400	BY120P G4 LED100S/865 PSU NB	No	33704300	BY120P G4 LED100S/865 PSD NB	Yes
33566700	BY120P G4 LED100S/865 PSU WB	No	33705000	BY120P G4 LED100S/865 PSD WB	Yes
33569800	BY121P G4 LED200S/840 PSU NB	No	33698500	BY121P G4 LED200S/840 PSD NB	Yes
33568100	BY121P G4 LED200S/840 PSU WB	No	33699200	BY121P G4 LED200S/840 PSD WB	Yes
33565000	BY121P G4 LED200S/865 PSU NB	No	33700500	BY121P G4 LED200S/865 PSD NB	Yes
33564300	BY121P G4 LED200S/865 PSU WB	No	33701200	BY121P G4 LED200S/865 PSD WB	Yes
33664000	BY122P G4 LED250/840 PSU NB	No	33879800	BY122P G4 LED250/840 PSD NB	Yes
33665700	BY122P G4 LED250S/840 PSU WB	No	33880400	BY122P G4 LED250/840 PSD WB	Yes
33666400	BY122P G4 LED250S/865 PSU NB	No	33881100	BY122P G4 LED250/860 PSD NB	Yes
33667100	BY122P G4 LED250S/865 PSU WB	Yes	33882800	BY122P G4 LED250/860 PSD WB	Yes

General Information

Order Code	Full Product Name	Beam angle of light source	Optic type	Order Code	Full Product Name	Beam angle of light source	Optic type
33571100	BY120P G4 LED100S/840 PSU NB	55 °	NB	33566700	BY120P G4 LED100S/865 PSU WB	90 x 90 °	WB
33570400	BY120P G4 LED100S/840 PSU WB	90 x 90 °	WB	33569800	BY121P G4 LED200S/840 PSU NB	55 °	NB
33567400	BY120P G4 LED100S/865 PSU NB	55 °	NB	33568100	BY121P G4 LED200S/840 PSU WB	90 x 90 °	WB

Coreline Highbay Gen4

Order Code	Full Product Name	Beam angle of light source	Optic type
33565000	BY121P G4 LED200S/865 PSU NB	55 °	NB
33564300	BY121P G4 LED200S/865 PSU WB	90 x 90 °	WB
33664000	BY122P G4 LED250/840 PSU NB	55 °	NB
33665700	BY122P G4 LED250S/840 PSU WB	90 x 90 °	WB
33666400	BY122P G4 LED250S/865 PSU NB	55 °	NB
33667100	BY122P G4 LED250S/865 PSU WB	90 x 90 °	WB
33702900	BY120P G4 LED100S/840 PSD NB	55 °	NB
33703600	BY120P G4 LED100S/840 PSD WB	90 x 90 °	WB
33704300	BY120P G4 LED100S/865 PSD NB	55 °	NB

Order Code	Full Product Name	Beam angle of light source	Optic type
33705000	BY120P G4 LED100S/865 PSD WB	90 x 90 °	WB
33698500	BY121P G4 LED200S/840 PSD NB	55 °	NB
33699200	BY121P G4 LED200S/840 PSD WB	90 x 90 °	WB
33700500	BY121P G4 LED200S/865 PSD NB	55 °	NB
33701200	BY121P G4 LED200S/865 PSD WB	90 x 90 °	WB
33879800	BY122P G4 LED250/840 PSD NB	55 °	NB
33880400	BY122P G4 LED250/840 PSD WB	90 x 90 °	WB
33881100	BY122P G4 LED250/860 PSD NB	55 °	NB
33882800	BY122P G4 LED250/860 PSD WB	90 x 90 °	WB

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
33571100	BY120P G4 LED100S/840 PSU NB	(0.38, 0.38)	4000 K	145 lm/W	10000 lm
33570400	BY120P G4 LED100S/840 PSU WB	(0.38, 0.38)	4000 K	145 lm/W	10000 lm
33567400	BY120P G4 LED100S/865 PSU NB	(0.307, 0.323)	6500 K	145 lm/W	10000 lm
33566700	BY120P G4 LED100S/865 PSU WB	(0.307, 0.323)	6500 K	145 lm/W	10000 lm
33569800	BY121P G4 LED200S/840 PSU NB	(0.38, 0.38)	4000 K	145 lm/W	20000 lm
33568100	BY121P G4 LED200S/840 PSU WB	(0.38, 0.38)	4000 K	145 lm/W	20000 lm
33565000	BY121P G4 LED200S/865 PSU NB	(0.307, 0.323)	6500 K	145 lm/W	20000 lm
33564300	BY121P G4 LED200S/865 PSU WB	(0.307, 0.323)	6500 K	145 lm/W	20000 lm
33664000	BY122P G4 LED250/840 PSU NB	(0.38, 0.38)	4000 K	145 lm/W	25000 lm
33665700	BY122P G4 LED250S/840 PSU WB	(0.307, 0.323)	4000 K	145 lm/W	25000 lm
33666400	BY122P G4 LED250S/865 PSU NB	(0.307, 0.323)	6500 K	145 lm/W	25000 lm
33667100	BY122P G4 LED250S/865 PSU WB	(0.307, 0.323)	6500 K	145 lm/W	25000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
33702900	BY120P G4 LED100S/840 PSD NB	(0.38, 0.38)	4000 K	137 lm/W	10000 lm
33703600	BY120P G4 LED100S/840 PSD WB	(0.38, 0.38)	4000 K	137 lm/W	10000 lm
33704300	BY120P G4 LED100S/865 PSD NB	(0.307, 0.323)	6500 K	137 lm/W	10000 lm
33705000	BY120P G4 LED100S/865 PSD WB	(0.307, 0.323)	6500 K	137 lm/W	10000 lm
33698500	BY121P G4 LED200S/840 PSD NB	(0.38, 0.38)	4000 K	137 lm/W	20000 lm
33699200	BY121P G4 LED200S/840 PSD WB	(0.38, 0.38)	4000 K	137 lm/W	20000 lm
33700500	BY121P G4 LED200S/865 PSD NB	(0.307, 0.323)	6500 K	137 lm/W	20000 lm
33701200	BY121P G4 LED200S/865 PSD WB	(0.307, 0.323)	6500 K	137 lm/W	20000 lm
33879800	BY122P G4 LED250/840 PSD NB	(0.38, 0.38)	4000 K	137 lm/W	25000 lm
33880400	BY122P G4 LED250/840 PSD WB	(0.307, 0.323)	4000 K	137 lm/W	25000 lm
33881100	BY122P G4 LED250/860 PSD NB	(0.307, 0.323)	6500 K	137 lm/W	25000 lm
33882800	BY122P G4 LED250/860 PSD WB	(0.307, 0.323)	6500 K	137 lm/W	25000 lm

Coreline Highbay Gen4

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power	Order Code	Full Product Name	Initial input power
33571100	BY120P G4 LED100S/840 PSU NB	69 W	33702900	BY120P G4 LED100S/840 PSD NB	73 W
33570400	BY120P G4 LED100S/840 PSU WB	69 W	33703600	BY120P G4 LED100S/840 PSD WB	73 W
33567400	BY120P G4 LED100S/865 PSU NB	69 W	33704300	BY120P G4 LED100S/865 PSD NB	73 W
33566700	BY120P G4 LED100S/865 PSU WB	69 W	33705000	BY120P G4 LED100S/865 PSD WB	73 W
33569800	BY121P G4 LED200S/840 PSU NB	138 W	33698500	BY121P G4 LED200S/840 PSD NB	146 W
33568100	BY121P G4 LED200S/840 PSU WB	138 W	33699200	BY121P G4 LED200S/840 PSD WB	146 W
33565000	BY121P G4 LED200S/865 PSU NB	138 W	33700500	BY121P G4 LED200S/865 PSD NB	146 W
33564300	BY121P G4 LED200S/865 PSU WB	138 W	33701200	BY121P G4 LED200S/865 PSD WB	146 W
33664000	BY122P G4 LED250/840 PSU NB	172 W	33879800	BY122P G4 LED250/840 PSD NB	183 W
33665700	BY122P G4 LED250S/840 PSU WB	172 W	33880400	BY122P G4 LED250/840 PSD WB	183 W
33666400	BY122P G4 LED250S/865 PSU NB	172 W	33881100	BY122P G4 LED250/860 PSD NB	183 W
33667100	BY122P G4 LED250S/865 PSU WB	172 W	33882800	BY122P G4 LED250/860 PSD WB	183 W

