



CoreLine highbay gen5: Easy installation. Excellent illumination.

CoreLine Highbay Gen5

CoreLine Highbay Gen5 delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. A reliable, highly-efficient luminaire with a very long-lifetime, it delivers great energy savings and requires less maintenance. At the same time, CoreLine Highbay is very easy to handle. The luminaire can be installed on your existing grid and the electrical connection is a straightforward task, with no need to open the luminaire and an external IP65 connector. With a choice of two beam angles: narrow and wide beam, you can adjust your lighting plan to suit your exact needs. This range also includes Interact Ready luminaires with integrated wireless communications and integrated movement and daylight sensors. So CoreLine Highbay Gen5 is ready to be used with any Interact connected lighting system.

Benefits

- Saves on energy and maintenance costs
- Easy installation - single suspension hook and external connector, additional mounting bracket for more flexibility
- Ideal for general application projects, with robust design and a high water and dust-proof rating (IP65)
- Choice of four product types: BY121P, BY122P, BY120P and BY122X

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Features

- Long lifetime and high efficiency: 50,000 hours with flux at 85% min. compared to initial level; up to 160lm/W
- Choice of beam options: narrow and wide beam, for low glare without additional accessories
- Modern, high-quality die-cast aluminum housing
- Single point mounting and IP65 external, pre-mounted electrical connector
- Optional versions: DALI dimming, integrated wireless connectivity (Interact Ready)

Application

- General manufacturing
- Exhibition halls
- Warehouses and logistics centers
- High-ceiling lounges

Versions



CoreLine Highbay Gen5 - Power supply unit - Beam angle 55° - 55°



CoreLine Highbay Gen5 - Power supply unit - Beam angle 55° - 55°



CoreLine Highbay Gen5 - Power supply unit - Beam angle 55° - 55°



CoreLine Highbay Gen5 - Sensor ready driver InterAct System ready - Beam angle 55° - 55°

Accessories



Gray

Ordercode 911401633208

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Application conditions	
Ambient temperature range	-30 to +50 °C
Suitable for random switching	Yes
Approval and application	
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
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Initial performance (IEC compliant)	
Init. Color Rendering Index	>80
Luminous flux tolerance	+/-10%
Light technical	
Flickering	0.5
Stroboscopic effect	1
Mechanical and housing	
Color	Dark gray

Application conditions

Order Code	Full Product Name	Maximum dim level
911401629208	BY120P G5 LED105S/840 PSU NB	Not applicable
911401629308	BY120P G5 LED105S/840 PSU WB	Not applicable
911401630008	BY120P G5 LED105S/865 PSU NB	Not applicable
911401630108	BY120P G5 LED105S/865 PSU WB	Not applicable
911401632208	BY120P G5 LED150S/840 PSU NB	Not applicable
911401632308	BY120P G5 LED150S/840 PSU WB	Not applicable
911401629408	BY121P G5 LED200S/840 PSU NB	Not applicable
911401629508	BY121P G5 LED200S/840 PSU WB	Not applicable
911401629608	BY121P G5 LED105S/840 PSD NB	20%
911401629708	BY121P G5 LED105S/840 PSD WB	20%
911401629808	BY121P G5 LED200S/840 PSD NB	10%
911401629908	BY121P G5 LED200S/840 PSD WB	10%
911401630208	BY121P G5 LED200S/865 PSU NB	Not applicable
911401630308	BY121P G5 LED200S/865 PSU WB	Not applicable
911401630408	BY121P G5 LED105S/865 PSD NB	20%
911401630508	BY121P G5 LED105S/865 PSD WB	20%
911401630608	BY121P G5 LED200S/865 PSD NB	10%
911401630708	BY121P G5 LED200S/865 PSD WB	10%
911401632408	BY121P G5 LED150S/840 PSD NB	13%
911401632508	BY121P G5 LED150S/840 PSD WB	13%
911401630808	BY122P G5 LED250S/840 PSU NB	Not applicable
911401630908	BY122P G5 LED250S/840 PSU WB	Not applicable
911401631008	BY122P G5 LED250S/865 PSU NB	Not applicable
911401631108	BY122P G5 LED250S/865 PSU WB	Not applicable
911401631208	BY122P G5 LED250S/840 PSD NB	20%
911401631308	BY122P G5 LED250S/840 PSD WB	20%
911401631408	BY122P G5 LED250S/865 PSD NB	20%
911401631508	BY122P G5 LED250S/865 PSD WB	20%
911401632608	BY122P G5 LED300S/840 PSU NB	Not applicable
911401632708	BY122P G5 LED300S/840 PSU WB	Not applicable
911401632808	BY122P G5 LED300S/840 PSD NB	13%
911401632908	BY122P G5 LED300S/840 PSD WB	13%
911401631608	BY122X G5 LED105S/840 SIA NB H4	1%
911401631708	BY122X G5 LED105S/840 SIA WB H4	1%
911401631808	BY122X G5 LED200S/840 SIA NB H4	1%
911401631908	BY122X G5 LED200S/840 SIA WB H4	1%
911401632008	BY122X G5 LED250S/840 SIA NB H4	1%
911401632108	BY122X G5 LED250S/840 SIA WB H4	1%
911401633008	BY122X G5 LED300S/840 SIA NB H4	1%
911401633108	BY122X G5 LED300S/840 SIA WB H4	1%

Approval and application

Order Code	Full Product Name	Mech. impact protection code
911401629208	BY120P G5 LED105S/840 PSU NB	IK08
911401629308	BY120P G5 LED105S/840 PSU WB	IK08
911401630008	BY120P G5 LED105S/865 PSU NB	IK08
911401630108	BY120P G5 LED105S/865 PSU WB	IK08
911401632208	BY120P G5 LED150S/840 PSU NB	IK08
911401632308	BY120P G5 LED150S/840 PSU WB	IK08

Order Code	Full Product Name	Mech. impact protection code
911401629408	BY121P G5 LED200S/840 PSU NB	IK08
911401629508	BY121P G5 LED200S/840 PSU WB	IK08
911401629608	BY121P G5 LED105S/840 PSD NB	IK08
911401629708	BY121P G5 LED105S/840 PSD WB	IK08
911401629808	BY121P G5 LED200S/840 PSD NB	IK08
911401629908	BY121P G5 LED200S/840 PSD WB	IK08

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Order Code	Full Product Name	Mech. impact protection code
911401630208	BY121P G5 LED200S/865 PSU NB	IK08
911401630308	BY121P G5 LED200S/865 PSU WB	IK08
911401630408	BY121P G5 LED105S/865 PSD NB	IK08
911401630508	BY121P G5 LED105S/865 PSD WB	IK08
911401630608	BY121P G5 LED200S/865 PSD NB	IK08
911401630708	BY121P G5 LED200S/865 PSD WB	IK08
911401632408	BY121P G5 LED150S/840 PSD NB	IK08
911401632508	BY121P G5 LED150S/840 PSD WB	IK08
911401630808	BY122P G5 LED250S/840 PSU NB	IK08
911401630908	BY122P G5 LED250S/840 PSU WB	IK08
911401631008	BY122P G5 LED250S/865 PSU NB	IK08
911401631108	BY122P G5 LED250S/865 PSU WB	IK08
911401631208	BY122P G5 LED250S/840 PSD NB	IK08
911401631308	BY122P G5 LED250S/840 PSD WB	IK08

Controls and dimming

Order Code	Full Product Name	Dimmable
911401629208	BY120P G5 LED105S/840 PSU NB	No
911401629308	BY120P G5 LED105S/840 PSU WB	No
911401630008	BY120P G5 LED105S/865 PSU NB	No
911401630108	BY120P G5 LED105S/865 PSU WB	No
911401632208	BY120P G5 LED150S/840 PSU NB	No
911401632308	BY120P G5 LED150S/840 PSU WB	No
911401629408	BY121P G5 LED200S/840 PSU NB	No
911401629508	BY121P G5 LED200S/840 PSU WB	No
911401629608	BY121P G5 LED105S/840 PSD NB	Yes
911401629708	BY121P G5 LED105S/840 PSD WB	Yes
911401629808	BY121P G5 LED200S/840 PSD NB	Yes
911401629908	BY121P G5 LED200S/840 PSD WB	Yes
911401630208	BY121P G5 LED200S/865 PSU NB	No
911401630308	BY121P G5 LED200S/865 PSU WB	No
911401630408	BY121P G5 LED105S/865 PSD NB	Yes
911401630508	BY121P G5 LED105S/865 PSD WB	Yes
911401630608	BY121P G5 LED200S/865 PSD NB	Yes
911401630708	BY121P G5 LED200S/865 PSD WB	Yes
911401632408	BY121P G5 LED150S/840 PSD NB	Yes
911401632508	BY121P G5 LED150S/840 PSD WB	Yes

General information

Order Code	Full Product Name	Optic type
911401629208	BY120P G5 LED105S/840 PSU NB	Beam angle 55°
911401629308	BY120P G5 LED105S/840 PSU WB	Beam angle 84°
911401630008	BY120P G5 LED105S/865 PSU NB	Beam angle 55°
911401630108	BY120P G5 LED105S/865 PSU WB	Beam angle 84°
911401632208	BY120P G5 LED150S/840 PSU NB	Beam angle 55°
911401632308	BY120P G5 LED150S/840 PSU WB	Beam angle 84°
911401629408	BY121P G5 LED200S/840 PSU NB	Beam angle 55°
911401629508	BY121P G5 LED200S/840 PSU WB	Beam angle 84°
911401629608	BY121P G5 LED105S/840 PSD NB	Beam angle 55°

Order Code	Full Product Name	Mech. impact protection code
911401631408	BY122P G5 LED250S/865 PSD NB	IK08
911401631508	BY122P G5 LED250S/865 PSD WB	IK08
911401632608	BY122P G5 LED300S/840 PSU NB	IK08
911401632708	BY122P G5 LED300S/840 PSU WB	IK08
911401632808	BY122P G5 LED300S/840 PSD NB	IK08
911401632908	BY122P G5 LED300S/840 PSD WB	IK08
911401631608	BY122X G5 LED105S/840 SIA NB H4	IK05
911401631708	BY122X G5 LED105S/840 SIA WB H4	IK05
911401631808	BY122X G5 LED200S/840 SIA NB H4	IK05
911401631908	BY122X G5 LED200S/840 SIA WB H4	IK05
911401632008	BY122X G5 LED250S/840 SIA NB H4	IK05
911401632108	BY122X G5 LED250S/840 SIA WB H4	IK05
911401633008	BY122X G5 LED300S/840 SIA NB H4	IK05
911401633108	BY122X G5 LED300S/840 SIA WB H4	IK05

Order Code	Full Product Name	Dimmable
911401630808	BY122P G5 LED250S/840 PSU NB	No
911401630908	BY122P G5 LED250S/840 PSU WB	No
911401631008	BY122P G5 LED250S/865 PSU NB	No
911401631108	BY122P G5 LED250S/865 PSU WB	No
911401631208	BY122P G5 LED250S/840 PSD NB	Yes
911401631308	BY122P G5 LED250S/840 PSD WB	Yes
911401631408	BY122P G5 LED250S/865 PSD NB	Yes
911401631508	BY122P G5 LED250S/865 PSD WB	Yes
911401632608	BY122P G5 LED300S/840 PSU NB	No
911401632708	BY122P G5 LED300S/840 PSU WB	No
911401632808	BY122P G5 LED300S/840 PSD NB	Yes
911401632908	BY122P G5 LED300S/840 PSD WB	Yes
911401631608	BY122X G5 LED105S/840 SIA NB H4	Yes
911401631708	BY122X G5 LED105S/840 SIA WB H4	Yes
911401631808	BY122X G5 LED200S/840 SIA NB H4	Yes
911401631908	BY122X G5 LED200S/840 SIA WB H4	Yes
911401632008	BY122X G5 LED250S/840 SIA NB H4	Yes
911401632108	BY122X G5 LED250S/840 SIA WB H4	Yes
911401633008	BY122X G5 LED300S/840 SIA NB H4	Yes
911401633108	BY122X G5 LED300S/840 SIA WB H4	Yes

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Order Code	Full Product Name	Optic type
911401632408	BY121P G5 LED150S/840 PSD NB	Beam angle 55°
911401632508	BY121P G5 LED150S/840 PSD WB	Beam angle 84°
911401630808	BY122P G5 LED250S/840 PSU NB	Beam angle 55°
911401630908	BY122P G5 LED250S/840 PSU WB	Beam angle 84°
911401631008	BY122P G5 LED250S/865 PSU NB	Beam angle 55°
911401631108	BY122P G5 LED250S/865 PSU WB	Beam angle 84°
911401631208	BY122P G5 LED250S/840 PSD NB	Beam angle 55°
911401631308	BY122P G5 LED250S/840 PSD WB	Beam angle 84°
911401631408	BY122P G5 LED250S/865 PSD NB	Beam angle 55°
911401631508	BY122P G5 LED250S/865 PSD WB	Beam angle 84°
911401632608	BY122P G5 LED300S/840 PSU NB	Beam angle 55°

Order Code	Full Product Name	Optic type
911401632708	BY122P G5 LED300S/840 PSU WB	Beam angle 84°
911401632808	BY122P G5 LED300S/840 PSD NB	Beam angle 55°
911401632908	BY122P G5 LED300S/840 PSD WB	Beam angle 84°
911401631608	BY122X G5 LED105S/840 SIA NB H4	Beam angle 55°
911401631708	BY122X G5 LED105S/840 SIA WB H4	Beam angle 84°
911401631808	BY122X G5 LED200S/840 SIA NB H4	Beam angle 55°
911401631908	BY122X G5 LED200S/840 SIA WB H4	Beam angle 84°
911401632008	BY122X G5 LED250S/840 SIA NB H4	Beam angle 55°
911401632108	BY122X G5 LED250S/840 SIA WB H4	Beam angle 84°
911401633008	BY122X G5 LED300S/840 SIA NB H4	Beam angle 55°
911401633108	BY122X G5 LED300S/840 SIA WB H4	Beam angle 84°

Initial performance (IEC compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401629208	BY120P G5 LED105S/840 PSU NB	(0.385, 0.380) SDCM<5	4000 K	160 lm/W	10500 lm
911401629308	BY120P G5 LED105S/840 PSU WB	(0.385, 0.380) SDCM<5	4000 K	160 lm/W	10500 lm
911401630008	BY120P G5 LED105S/865 PSU NB	(0.316, 0.332) SDCM<5	6500 K	160 lm/W	10500 lm
911401630108	BY120P G5 LED105S/865 PSU WB	(0.316, 0.332) SDCM<5	6500 K	160 lm/W	10500 lm
911401632208	BY120P G5 LED150S/840 PSU NB	(0.385, 0.380) SDCM<5	4000 K	160 lm/W	15000 lm
911401632308	BY120P G5 LED150S/840 PSU WB	(0.385, 0.380) SDCM<5	4000 K	160 lm/W	15000 lm
911401629408	BY121P G5 LED200S/840 PSU NB	(0.385, 0.380) SDCM<5	4000 K	160 lm/W	20000 lm
911401629508	BY121P G5 LED200S/840 PSU WB	(0.385, 0.380) SDCM<5	4000 K	160 lm/W	20000 lm
911401629608	BY121P G5 LED105S/840 PSD NB	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	10500 lm
911401629708	BY121P G5 LED105S/840 PSD WB	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	10500 lm
911401629808	BY121P G5 LED200S/840 PSD NB	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	20000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401629908	BY121P G5 LED200S/840 PSD WB	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	20000 lm
911401630208	BY121P G5 LED200S/865 PSU NB	(0.316, 0.332) SDCM<5	6500 K	160 lm/W	20000 lm
911401630308	BY121P G5 LED200S/865 PSU WB	(0.316, 0.332) SDCM<5	6500 K	160 lm/W	20000 lm
911401630408	BY121P G5 LED105S/865 PSD NB	(0.316, 0.332) SDCM<5	6500 K	150 lm/W	10500 lm
911401630508	BY121P G5 LED105S/865 PSD WB	(0.316, 0.332) SDCM<5	6500 K	150 lm/W	10500 lm
911401630608	BY121P G5 LED200S/865 PSD NB	(0.316, 0.332) SDCM<5	6500 K	150 lm/W	20000 lm
911401630708	BY121P G5 LED200S/865 PSD WB	(0.316, 0.332) SDCM<5	6500 K	150 lm/W	20000 lm
911401632408	BY121P G5 LED150S/840 PSD NB	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	15000 lm
911401632508	BY121P G5 LED150S/840 PSD WB	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	15000 lm
911401630808	BY122P G5 LED250S/840 PSU NB	(0.385, 0.380) SDCM<5	4000 K	160 lm/W	25000 lm
911401630908	BY122P G5 LED250S/840 PSU WB	(0.385, 0.380) SDCM<5	4000 K	160 lm/W	25000 lm

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401631008	BY122P G5 LED250S/865 PSU NB	(0.316, 0.332) SDCM<5	6500 K	160 lm/W	25000 lm
911401631108	BY122P G5 LED250S/865 PSU WB	(0.316, 0.332) SDCM<5	6500 K	160 lm/W	25000 lm
911401631208	BY122P G5 LED250S/840 PSD NB	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	25000 lm
911401631308	BY122P G5 LED250S/840 PSD WB	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	25000 lm
911401631408	BY122P G5 LED250S/865 PSD NB	(0.316, 0.332) SDCM<5	6500 K	150 lm/W	25000 lm
911401631508	BY122P G5 LED250S/865 PSD WB	(0.316, 0.332) SDCM<5	6500 K	150 lm/W	25000 lm
911401632608	BY122P G5 LED300S/840 PSU NB	(0.385, 0.380) SDCM<5	4000 K	160 lm/W	30000 lm
911401632708	BY122P G5 LED300S/840 PSU WB	(0.385, 0.380) SDCM<5	4000 K	160 lm/W	30000 lm
911401632808	BY122P G5 LED300S/840 PSD NB	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	30000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401632908	BY122P G5 LED300S/840 PSD WB	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	30000 lm
911401631608	BY122X G5 LED105S/840 SIA NB H4	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	10500 lm
911401631708	BY122X G5 LED105S/840 SIA WB H4	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	10500 lm
911401631808	BY122X G5 LED200S/840 SIA NB H4	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	20000 lm
911401631908	BY122X G5 LED200S/840 SIA WB H4	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	20000 lm
911401632008	BY122X G5 LED250S/840 SIA NB H4	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	25000 lm
911401632108	BY122X G5 LED250S/840 SIA WB H4	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	25000 lm
911401633008	BY122X G5 LED300S/840 SIA NB H4	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	30000 lm
911401633108	BY122X G5 LED300S/840 SIA WB H4	(0.385, 0.380) SDCM<5	4000 K	150 lm/W	30000 lm

Initial performance (IEC compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401629208	BY120P G5 LED105S/840 PSU NB	67 W
911401629308	BY120P G5 LED105S/840 PSU WB	67 W
911401630008	BY120P G5 LED105S/865 PSU NB	67 W
911401630108	BY120P G5 LED105S/865 PSU WB	67 W
911401632208	BY120P G5 LED150S/840 PSU NB	95 W
911401632308	BY120P G5 LED150S/840 PSU WB	95 W
911401629408	BY121P G5 LED200S/840 PSU NB	126 W
911401629508	BY121P G5 LED200S/840 PSU WB	126 W
911401629608	BY121P G5 LED105S/840 PSD NB	72 W
911401629708	BY121P G5 LED105S/840 PSD WB	72 W
911401629808	BY121P G5 LED200S/840 PSD NB	134 W
911401629908	BY121P G5 LED200S/840 PSD WB	134 W
911401630208	BY121P G5 LED200S/865 PSU NB	126 W
911401630308	BY121P G5 LED200S/865 PSU WB	126 W
911401630408	BY121P G5 LED105S/865 PSD NB	72 W
911401630508	BY121P G5 LED105S/865 PSD WB	72 W
911401630608	BY121P G5 LED200S/865 PSD NB	134 W
911401630708	BY121P G5 LED200S/865 PSD WB	134 W
911401632408	BY121P G5 LED150S/840 PSD NB	102 W

Order Code	Full Product Name	Initial input power
911401632508	BY121P G5 LED150S/840 PSD WB	102 W
911401630808	BY122P G5 LED250S/840 PSU NB	157 W
911401630908	BY122P G5 LED250S/840 PSU WB	157 W
911401631008	BY122P G5 LED250S/865 PSU NB	157 W
911401631108	BY122P G5 LED250S/865 PSU WB	157 W
911401631208	BY122P G5 LED250S/840 PSD NB	168 W
911401631308	BY122P G5 LED250S/840 PSD WB	168 W
911401631408	BY122P G5 LED250S/865 PSD NB	168 W
911401631508	BY122P G5 LED250S/865 PSD WB	168 W
911401632608	BY122P G5 LED300S/840 PSU NB	192 W
911401632708	BY122P G5 LED300S/840 PSU WB	192 W
911401632808	BY122P G5 LED300S/840 PSD NB	205 W
911401632908	BY122P G5 LED300S/840 PSD WB	205 W
911401631608	BY122X G5 LED105S/840 SIA NB H4	72 W
911401631708	BY122X G5 LED105S/840 SIA WB H4	72 W
911401631808	BY122X G5 LED200S/840 SIA NB H4	133 W
911401631908	BY122X G5 LED200S/840 SIA WB H4	133 W
911401632008	BY122X G5 LED250S/840 SIA NB H4	166 W
911401632108	BY122X G5 LED250S/840 SIA WB H4	166 W

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Order Code	Full Product Name	Initial input power
911401633008	BY122X G5 LED300S/840 SIA NB H4	203 W

Order Code	Full Product Name	Initial input power
911401633108	BY122X G5 LED300S/840 SIA WB H4	203 W

