



Elegant industrial design with fantastic light quality, superior efficacy and long-term reliability.

Green Perform Highbay Elite

Following the success of GreenPerform Highbay families, GreenPerform Highbay Elite is a welcome addition to industry solutions, with big innovative insights embedded. Elite comes with a completely new finless aesthetics design which received the iF Design Award 2019 and Reddot Design Award 2019. Next to a unique look and feel, it also offers higher system efficiency, better light quality, longer lifetime and system-interaction offering with affordable price.

Benefits

- Elegant industrial design
- Strong energy-saving story
- Superior light quality
- Robust and reliable with a long service lifetime
- Various application requirements satisfied with the complete product family

Features

- System efficacy 145 lm/W \pm 10%
- Long service lifetime 75,000 hrs L70B50 @Ta 35 °C
- Complete lumen package offering, 10,000 lm/15,000 lm/20,000 lm/25,000 lm/30,000 lm available
- Multiple optics available: WB & NB
- Suitable for hook, pipe and bracket mounting

Green Perform Highbay Elite

Application

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

Versions



Application Conditions

Ambient temperature range	-30 to +50 °C
Suitable for random switching	No

Operating and Electrical

Input Voltage	220 to 240 V
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General Information

CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	650/30
Light source replaceable	No
Optic type	Symmetrical

Initial Performance (IEC Compliant)

Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%

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Order Code	Full Product Name	Driver failure rate at 5,000 hours
911401545761	BY718X LED250/NW IAI WB CAU2	0.0042 %
911401545861	BY718X LED250/NW IAI NB CAU2	0.0042 %
911401545961	BY718X LED300/NW IAI WB CAU2	0.0042 %
911401578361	BY718X LED100/CW IAI WB CAU IP65	0.0021 %
911401578461	BY718X LED100/NW IAI WB CAU IP65	0.0021 %
911401578561	BY718X LED150/CW IAI WB CAU IP65	0.0021 %
911401578661	BY718X LED150/NW IAI WB CAU IP65	0.0021 %
911401578761	BY718X LED200/CW IAI WB CAU IP65	0.0021 %
911401578861	BY718X LED200/NW IAI WB CAU IP65	0.0021 %
911401578961	BY718X LED250/CW IAI WB CAU IP65	0.0042 %
911401579061	BY718X LED250/NW IAI WB CAU IP65	0.0042 %
911401579161	BY718X LED300/CW IAI WB CAU IP65	0.0042 %
911401579261	BY718X LED300/NW IAI WB CAU IP65	0.0042 %
911401579361	BY718X LED250/NW IAI NB CAU IP65	0.0042 %
911401579461	BY718X LED300/NW IAI NB CAU IP65	0.0042 %
911401569051	BY718P LED100/NW PSU NB	-
911401569651	BY718P LED100/NW PSU WB CAU	-
911401569451	BY718P LED200/NW PSU NB	-

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Order Code	Full Product Name	Driver failure rate at 5,000 hours
911401569751	BY718P LED200/NW PSU WB CAU	-
911401576651	BY718P LED150/NW PSU NB	-
911401578051	BY718P LED150/NW PSU WB CAU	-
911401573851	BY718P LED100/NW PSD WB CAU	0.0021 %
911401573951	BY718P LED200/NW PSD WB CAU	0.0021 %
911401577051	BY718P LED250/NW PSU NB	-
911401577451	BY718P LED300/NW PSU NB	-
911401578151	BY718P LED250/NW PSU WB CAU	-
911401578251	BY718P LED300/NW PSU WB CAU	-
911401581551	BY718P LED300/NW PSD NB	0.0042 %
911401581851	BY718P LED250/NW PSD WB CAU	0.0042 %
911401581951	BY718P LED300/NW PSD WB CAU	0.0042 %
911401581751	BY718P LED150/NW PSD WB CAU	0.0021 %

Application Conditions

Order Code	Full Product Name	Maximum dimming level
911401545761	BY718X LED250/NW IAI WB CAU2	10%
911401545861	BY718X LED250/NW IAI NB CAU2	10%
911401545961	BY718X LED300/NW IAI WB CAU2	10%
911401578361	BY718X LED100/CW IAI WB CAU IP65	10%
911401578461	BY718X LED100/NW IAI WB CAU IP65	10%
911401578561	BY718X LED150/CW IAI WB CAU IP65	10%
911401578661	BY718X LED150/NW IAI WB CAU IP65	10%
911401578761	BY718X LED200/CW IAI WB CAU IP65	10%
911401578861	BY718X LED200/NW IAI WB CAU IP65	10%
911401578961	BY718X LED250/CW IAI WB CAU IP65	10%
911401579061	BY718X LED250/NW IAI WB CAU IP65	10%
911401579161	BY718X LED300/CW IAI WB CAU IP65	10%
911401579261	BY718X LED300/NW IAI WB CAU IP65	10%
911401579361	BY718X LED250/NW IAI NB CAU IP65	10%
911401579461	BY718X LED300/NW IAI NB CAU IP65	10%
911401569051	BY718P LED100/NW PSU NB	Not applicable

Order Code	Full Product Name	Maximum dimming level
911401569651	BY718P LED100/NW PSU WB CAU	Not applicable
911401569451	BY718P LED200/NW PSU NB	Not applicable
911401569751	BY718P LED200/NW PSU WB CAU	Not applicable
911401576651	BY718P LED150/NW PSU NB	Not applicable
911401578051	BY718P LED150/NW PSU WB CAU	Not applicable
911401573851	BY718P LED100/NW PSD WB CAU	1%
911401573951	BY718P LED200/NW PSD WB CAU	1%
911401577051	BY718P LED250/NW PSU NB	Not applicable
911401577451	BY718P LED300/NW PSU NB	Not applicable
911401578151	BY718P LED250/NW PSU WB CAU	Not applicable
911401578251	BY718P LED300/NW PSU WB CAU	Not applicable
911401581551	BY718P LED300/NW PSD NB	1%
911401581851	BY718P LED250/NW PSD WB CAU	1%
911401581951	BY718P LED300/NW PSD WB CAU	1%
911401581751	BY718P LED150/NW PSD WB CAU	1%

Approval and Application

Order Code	Full Product Name	Mech. impact	Ingress
		protection code	protection code
911401545761	BY718X LED250/NW IAI WB CAU2	IK05	IP54
911401545861	BY718X LED250/NW IAI NB CAU2	IK05	IP54
911401545961	BY718X LED300/NW IAI WB CAU2	IK05	IP54
911401578361	BY718X LED100/CW IAI WB CAU IP65	IK05	IP65
911401578461	BY718X LED100/NW IAI WB CAU IP65	IK05	IP65
911401578561	BY718X LED150/CW IAI WB CAU IP65	IK05	IP65
911401578661	BY718X LED150/NW IAI WB CAU IP65	IK05	IP65
911401578761	BY718X LED200/CW IAI WB CAU IP65	IK05	IP65
911401578861	BY718X LED200/NW IAI WB CAU IP65	IK05	IP65
911401578961	BY718X LED250/CW IAI WB CAU IP65	IK05	IP65
911401579061	BY718X LED250/NW IAI WB CAU IP65	IK05	IP65
911401579161	BY718X LED300/CW IAI WB CAU IP65	IK05	IP65
911401579261	BY718X LED300/NW IAI WB CAU IP65	IK05	IP65

Order Code	Full Product Name	Mech. impact	Ingress
		protection code	protection code
911401579361	BY718X LED250/NW IAI NB CAU IP65	IK05	IP65
911401579461	BY718X LED300/NW IAI NB CAU IP65	IK05	IP65
911401569051	BY718P LED100/NW PSU NB	IK08	IP65
911401569651	BY718P LED100/NW PSU WB CAU	IK08	IP65
911401569451	BY718P LED200/NW PSU NB	IK08	IP65
911401569751	BY718P LED200/NW PSU WB CAU	IK08	IP65
911401576651	BY718P LED150/NW PSU NB	IK08	IP65
911401578051	BY718P LED150/NW PSU WB CAU	IK08	IP65
911401573851	BY718P LED100/NW PSD WB CAU	IK08	IP65
911401573951	BY718P LED200/NW PSD WB CAU	IK08	IP65
911401577051	BY718P LED250/NW PSU NB	IK08	IP65
911401577451	BY718P LED300/NW PSU NB	IK08	IP65
911401578151	BY718P LED250/NW PSU WB CAU	IK08	IP65

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Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
911401578251	BY718P LED300/NW PSU WB CAU	IK08	IP65
911401581551	BY718P LED300/NW PSD NB	IK08	IP65
911401581851	BY718P LED250/NW PSD WB CAU	IK08	IP65

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
911401581951	BY718P LED300/NW PSD WB CAU	IK08	IP65
911401581751	BY718P LED150/NW PSD WB CAU	IK08	IP65

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401545761	BY718X LED250/NW IAI WB CAU2	No
911401545861	BY718X LED250/NW IAI NB CAU2	No
911401545961	BY718X LED300/NW IAI WB CAU2	No
911401578361	BY718X LED100/CW IAI WB CAU IP65	No
911401578461	BY718X LED100/NW IAI WB CAU IP65	No
911401578561	BY718X LED150/CW IAI WB CAU IP65	No
911401578661	BY718X LED150/NW IAI WB CAU IP65	No
911401578761	BY718X LED200/CW IAI WB CAU IP65	No
911401578861	BY718X LED200/NW IAI WB CAU IP65	No
911401578961	BY718X LED250/CW IAI WB CAU IP65	No
911401579061	BY718X LED250/NW IAI WB CAU IP65	No
911401579161	BY718X LED300/CW IAI WB CAU IP65	No
911401579261	BY718X LED300/NW IAI WB CAU IP65	No
911401579361	BY718X LED250/NW IAI NB CAU IP65	No
911401579461	BY718X LED300/NW IAI NB CAU IP65	No
911401569051	BY718P LED100/NW PSU NB	No

Order Code	Full Product Name	Dimmable
911401569651	BY718P LED100/NW PSU WB CAU	No
911401569451	BY718P LED200/NW PSU NB	No
911401569751	BY718P LED200/NW PSU WB CAU	No
911401576651	BY718P LED150/NW PSU NB	No
911401578051	BY718P LED150/NW PSU WB CAU	No
911401573851	BY718P LED100/NW PSD WB CAU	Yes
911401573951	BY718P LED200/NW PSD WB CAU	Yes
911401577051	BY718P LED250/NW PSU NB	No
911401577451	BY718P LED300/NW PSU NB	No
911401578151	BY718P LED250/NW PSU WB CAU	No
911401578251	BY718P LED300/NW PSU WB CAU	No
911401581551	BY718P LED300/NW PSD NB	Yes
911401581851	BY718P LED250/NW PSD WB CAU	Yes
911401581951	BY718P LED300/NW PSD WB CAU	Yes
911401581751	BY718P LED150/NW PSD WB CAU	Yes

General Information

Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type	Number of gear units
911401545761	BY718X LED250/NW IAI WB CAU2	120 °	No	1 unit
911401545861	BY718X LED250/NW IAI NB CAU2	120 °	No	1 unit
911401545961	BY718X LED300/NW IAI WB CAU2	120 °	No	1 unit
911401578361	BY718X LED100/CW IAI WB CAU IP65	120 °	No	1 unit
911401578461	BY718X LED100/NW IAI WB CAU IP65	120 °	No	1 unit
911401578561	BY718X LED150/CW IAI WB CAU IP65	120 °	No	1 unit
911401578661	BY718X LED150/NW IAI WB CAU IP65	120 °	No	1 unit
911401578761	BY718X LED200/CW IAI WB CAU IP65	120 °	No	1 unit
911401578861	BY718X LED200/NW IAI WB CAU IP65	120 °	No	1 unit
911401578961	BY718X LED250/CW IAI WB CAU IP65	120 °	No	1 unit

Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type	Number of gear units
911401579061	BY718X LED250/NW IAI WB CAU IP65	120 °	No	1 unit
911401579161	BY718X LED300/CW IAI WB CAU IP65	120 °	No	1 unit
911401579261	BY718X LED300/NW IAI WB CAU IP65	120 °	No	1 unit
911401579361	BY718X LED250/NW IAI NB CAU IP65	120 °	No	1 unit
911401579461	BY718X LED300/NW IAI NB CAU IP65	120 °	No	1 unit
911401569051	BY718P LED100/NW PSU NB	-	Lens	1 unit
911401569651	BY718P LED100/NW PSU WB CAU	-	Lens	1 unit
911401569451	BY718P LED200/NW PSU NB	-	Lens	1 unit
911401569751	BY718P LED200/NW PSU WB CAU	-	Lens	1 unit
911401576651	BY718P LED150/NW PSU NB	-	Lens	1 unit
911401578051	BY718P LED150/NW PSU WB CAU	-	Lens	1 unit
911401573851	BY718P LED100/NW PSD WB CAU	-	PC	1 unit

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Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type	Number of gear units
911401573951	BY718P LED200/NW PSD WB CAU	-	PC	1 unit
911401577051	BY718P LED250/NW PSU NB	-	Lens	1 unit
911401577451	BY718P LED300/NW PSU NB	-	Lens	1 unit
911401578151	BY718P LED250/NW PSU WB CAU	-	Lens	1 unit
911401578251	BY718P LED300/NW PSU WB CAU	-	Lens	1 unit

Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type	Number of gear units
911401581551	BY718P LED300/NW PSD NB	-	PC	2 units
911401581851	BY718P LED250/NW PSD WB CAU	-	PC	2 units
911401581951	BY718P LED300/NW PSD WB CAU	-	PC	2 units
911401581751	BY718P LED150/NW PSD WB CAU	-	PC	1 unit

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401545761	BY718X LED250/NW IAI WB CAU2	-	4000 K	147 lm/W	27000 lm
911401545861	BY718X LED250/NW IAI NB CAU2	-	4000 K	147 lm/W	27000 lm
911401545961	BY718X LED300/NW IAI WB CAU2	-	4000 K	137 lm/W	30000 lm
911401578361	BY718X LED100/CW IAI WB CAU IP65	-	6500 K	145 lm/W	11000 lm
911401578461	BY718X LED100/NW IAI WB CAU IP65	-	4000 K	145 lm/W	11000 lm
911401578561	BY718X LED150/CW IAI WB CAU IP65	-	6500 K	137 lm/W	15000 lm
911401578661	BY718X LED150/NW IAI WB CAU IP65	-	4000 K	137 lm/W	15000 lm
911401578761	BY718X LED200/CW IAI WB CAU IP65	-	6500 K	147 lm/W	21500 lm
911401578861	BY718X LED200/NW IAI WB CAU IP65	-	4000 K	147 lm/W	21500 lm
911401578961	BY718X LED250/CW	-	6500 K	147 lm/W	27000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
	IAI WB CAU IP65				
911401579061	BY718X LED250/NW IAI WB CAU IP65	-	4000 K	147 lm/W	27000 lm
911401579161	BY718X LED300/CW IAI WB CAU IP65	-	6500 K	137 lm/W	30000 lm
911401579261	BY718X LED300/NW IAI WB CAU IP65	-	4000 K	137 lm/W	30000 lm
911401579361	BY718X LED250/NW IAI NB CAU IP65	-	4000 K	147 lm/W	27000 lm
911401579461	BY718X LED300/NW IAI NB CAU IP65	-	4000 K	137 lm/W	30000 lm
911401569051	BY718P LED100/NW PSU NB	-	4000 K	156 lm/W	11000 lm
911401569651	BY718P LED100/NW PSU WB CAU	-	4000 K	156 lm/W	11000 lm
911401569451	BY718P LED200/NW PSU NB	-	4000 K	158 lm/W	21500 lm
911401569751	BY718P LED200/NW PSU WB CAU	-	4000 K	158 lm/W	21500 lm

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401576651	BY718P LED150/NW PSU NB	-	4000 K	145 lm/W	15000 lm
911401578051	BY718P LED150/NW PSU WB CAU	-	4000 K	145 lm/W	15000 lm
911401573851	BY718P LED100/NW PSD WB CAU	-	4000 K	145 lm/W	11000 lm
911401573951	BY718P LED200/NW PSD WB CAU	-	4000 K	147 lm/W	21500 lm
911401577051	BY718P LED250/NW PSU NB	-	4000 K	158 lm/W	27000 lm
911401577451	BY718P LED300/NW PSU NB	-	4000 K	145 lm/W	30000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401578151	BY718P LED250/NW PSU WB CAU	-	4000 K	158 lm/W	27000 lm
911401578251	BY718P LED300/NW PSU WB CAU	-	4000 K	145 lm/W	30000 lm
911401581551	BY718P LED300/NW PSD NB	-	4000 K	137 lm/W	30000 lm
911401581851	BY718P LED250/NW PSD WB CAU	-	4000 K	147 lm/W	27000 lm
911401581951	BY718P LED300/NW PSD WB CAU	-	4000 K	137 lm/W	30000 lm
911401581751	BY718P LED150/NW PSD WB CAU	-	4000 K	137 lm/W	15000 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401545761	BY718X LED250/NW IAI WB CAU2	183 W
911401545861	BY718X LED250/NW IAI NB CAU2	183 W
911401545961	BY718X LED300/NW IAI WB CAU2	217 W
911401578361	BY718X LED100/CW IAI WB CAU IP65	73 W
911401578461	BY718X LED100/NW IAI WB CAU IP65	73 W
911401578561	BY718X LED150/CW IAI WB CAU IP65	109 W
911401578661	BY718X LED150/NW IAI WB CAU IP65	109 W
911401578761	BY718X LED200/CW IAI WB CAU IP65	145 W
911401578861	BY718X LED200/NW IAI WB CAU IP65	145 W
911401578961	BY718X LED250/CW IAI WB CAU IP65	183 W
911401579061	BY718X LED250/NW IAI WB CAU IP65	183 W
911401579161	BY718X LED300/CW IAI WB CAU IP65	217 W
911401579261	BY718X LED300/NW IAI WB CAU IP65	217 W
911401579361	BY718X LED250/NW IAI NB CAU IP65	183 W
911401579461	BY718X LED300/NW IAI NB CAU IP65	217 W
911401569051	BY718P LED100/NW PSU NB	68 W

Order Code	Full Product Name	Initial input power
911401569651	BY718P LED100/NW PSU WB CAU	68 W
911401569451	BY718P LED200/NW PSU NB	135 W
911401569751	BY718P LED200/NW PSU WB CAU	135 W
911401576651	BY718P LED150/NW PSU NB	102 W
911401578051	BY718P LED150/NW PSU WB CAU	102 W
911401573851	BY718P LED100/NW PSD WB CAU	73 W
911401573951	BY718P LED200/NW PSD WB CAU	145 W
911401577051	BY718P LED250/NW PSU NB	169 W
911401577451	BY718P LED300/NW PSU NB	203 W
911401578151	BY718P LED250/NW PSU WB CAU	169 W
911401578251	BY718P LED300/NW PSU WB CAU	203 W
911401581551	BY718P LED300/NW PSD NB	217 W
911401581851	BY718P LED250/NW PSD WB CAU	183 W
911401581951	BY718P LED300/NW PSD WB CAU	217 W
911401581751	BY718P LED150/NW PSD WB CAU	109 W

Mechanical and Housing

Order Code	Full Product Name	Colour
911401545761	BY718X LED250/NW IAI WB CAU2	Black and Grey
911401545861	BY718X LED250/NW IAI NB CAU2	Black and Grey
911401545961	BY718X LED300/NW IAI WB CAU2	Black and Grey
911401578361	BY718X LED100/CW IAI WB CAU IP65	Black and Grey
911401578461	BY718X LED100/NW IAI WB CAU IP65	Black and Grey
911401578561	BY718X LED150/CW IAI WB CAU IP65	Black and Grey
911401578661	BY718X LED150/NW IAI WB CAU IP65	Black and Grey

Order Code	Full Product Name	Colour
911401578761	BY718X LED200/CW IAI WB CAU IP65	Black and Grey
911401578861	BY718X LED200/NW IAI WB CAU IP65	Black and Grey
911401578961	BY718X LED250/CW IAI WB CAU IP65	Black and Grey
911401579061	BY718X LED250/NW IAI WB CAU IP65	Black and Grey
911401579161	BY718X LED300/CW IAI WB CAU IP65	Black and Grey
911401579261	BY718X LED300/NW IAI WB CAU IP65	Black and Grey
911401579361	BY718X LED250/NW IAI NB CAU IP65	Black and Grey

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Order Code	Full Product Name	Colour
911401579461	BY718X LED300/NW IAI NB CAU IP65	Black and Grey
911401569051	BY718P LED100/NW PSU NB	Grey
911401569651	BY718P LED100/NW PSU WB CAU	Grey
911401569451	BY718P LED200/NW PSU NB	Grey
911401569751	BY718P LED200/NW PSU WB CAU	Grey
911401576651	BY718P LED150/NW PSU NB	Grey
911401578051	BY718P LED150/NW PSU WB CAU	Grey
911401573851	BY718P LED100/NW PSD WB CAU	Black and Grey
911401573951	BY718P LED200/NW PSD WB CAU	Black and Grey

Order Code	Full Product Name	Colour
911401577051	BY718P LED250/NW PSU NB	Grey
911401577451	BY718P LED300/NW PSU NB	Grey
911401578151	BY718P LED250/NW PSU WB CAU	Grey
911401578251	BY718P LED300/NW PSU WB CAU	Grey
911401581551	BY718P LED300/NW PSD NB	Black and Grey
911401581851	BY718P LED250/NW PSD WB CAU	Black and Grey
911401581951	BY718P LED300/NW PSD WB CAU	Black and Grey
911401581751	BY718P LED150/NW PSD WB CAU	Black and Grey

