



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

Green Perform Highbay Elite

Following the success of GreenPerform Highbay families, GreenPerform Highbay Elite is a big surprising gift for 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 & reliable with a long service lifetime
- Various application requirements satisfied with the complete product family

Green Perform Highbay Elite

Features

- System efficacy 145 lm/W \pm 10%
- Improved COA performance for light quality
- 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

Application

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

Versions



Green Perform Highbay Elite

Application Conditions

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

Approval and Application

Ingress protection code	IP65
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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%

Application Conditions

Order Code	Full Product Name	Maximum dimming level
01569551	BY718P LED200/NW PSU WB	Not applicable
01576751	BY718P LED150/NW PSU WB	Not applicable
01571851	BY718P LED100/CW PSD NB	1%
01571951	BY718P LED100/CW PSD WB	1%
01572051	BY718P LED100/NW PSD NB	1%
01572151	BY718P LED100/NW PSD WB	1%
01572251	BY718P LED200/CW PSD NB	1%
01572351	BY718P LED200/CW PSD WB	1%
01572451	BY718P LED200/NW PSD NB	1%
01576361	BY718X LED100/CW IAI NB IP65	10%
01576461	BY718X LED100/CW IAI WB IP65	10%
01576561	BY718X LED100/NW IAI NB IP65	10%
01576661	BY718X LED100/NW IAI WB IP65	10%
01576761	BY718X LED150/CW IAI NB IP65	10%
01576861	BY718X LED150/CW IAI WB IP65	10%
01576961	BY718X LED150/NW IAI NB IP65	10%
01577061	BY718X LED150/NW IAI WB IP65	10%
01577161	BY718X LED200/CW IAI NB IP65	10%
01577261	BY718X LED200/CW IAI WB IP65	10%
01577361	BY718X LED200/NW IAI NB IP65	10%
01577461	BY718X LED200/NW IAI WB IP65	10%
01577561	BY718X LED250/CW IAI NB IP65	10%
01577661	BY718X LED250/CW IAI WB IP65	10%
01577761	BY718X LED250/NW IAI NB IP65	10%
01577861	BY718X LED250/NW IAI WB IP65	10%
01577961	BY718X LED300/CW IAI NB IP65	10%
01578061	BY718X LED300/CW IAI WB IP65	10%
01578161	BY718X LED300/NW IAI NB IP65	10%
01578261	BY718X LED300/NW IAI WB IP65	10%
01580551	BY718P LED150/CW PSD NB	1%
01580651	BY718P LED150/CW PSD WB	1%
01580751	BY718P LED150/NW PSD NB	1%
01580951	BY718P LED250/CW PSD NB	1%
01581051	BY718P LED250/CW PSD WB	1%
01581151	BY718P LED250/NW PSD NB	1%
01581351	BY718P LED300/CW PSD NB	1%
01581451	BY718P LED300/CW PSD WB	1%

Approval and Application

Order Code	Full Product Name	Mech. impact protection code	Order Code	Full Product Name	Mech. impact protection code
01569551	BY718P LED200/NW PSU WB	IK08	01576361	BY718X LED100/CW IAI NB IP65	IK05
01576751	BY718P LED150/NW PSU WB	IK08	01576461	BY718X LED100/CW IAI WB IP65	IK05
01571851	BY718P LED100/CW PSD NB	IK08	01576561	BY718X LED100/NW IAI NB IP65	IK05
01571951	BY718P LED100/CW PSD WB	IK08	01576661	BY718X LED100/NW IAI WB IP65	IK05
01572051	BY718P LED100/NW PSD NB	IK08	01576761	BY718X LED150/CW IAI NB IP65	IK05
01572151	BY718P LED100/NW PSD WB	IK08	01576861	BY718X LED150/CW IAI WB IP65	IK05
01572251	BY718P LED200/CW PSD NB	IK08	01576961	BY718X LED150/NW IAI NB IP65	IK05
01572351	BY718P LED200/CW PSD WB	IK08	01577061	BY718X LED150/NW IAI WB IP65	IK05
01572451	BY718P LED200/NW PSD NB	IK08	01577161	BY718X LED200/CW IAI NB IP65	IK05

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Order Code	Full Product Name	Mech. impact protection code
01577261	BY718X LED200/CW IAI WB IP65	IK05
01577361	BY718X LED200/NW IAI NB IP65	IK05
01577461	BY718X LED200/NW IAI WB IP65	IK05
01577561	BY718X LED250/CW IAI NB IP65	IK05
01577661	BY718X LED250/CW IAI WB IP65	IK05
01577761	BY718X LED250/NW IAI NB IP65	IK05
01577861	BY718X LED250/NW IAI WB IP65	IK05
01577961	BY718X LED300/CW IAI NB IP65	IK05
01578061	BY718X LED300/CW IAI WB IP65	IK05
01578161	BY718X LED300/NW IAI NB IP65	IK05

Order Code	Full Product Name	Mech. impact protection code
01578261	BY718X LED300/NW IAI WB IP65	IK05
01580551	BY718P LED150/CW PSD NB	IK08
01580651	BY718P LED150/CW PSD WB	IK08
01580751	BY718P LED150/NW PSD NB	IK08
01580951	BY718P LED250/CW PSD NB	IK08
01581051	BY718P LED250/CW PSD WB	IK08
01581151	BY718P LED250/NW PSD NB	IK08
01581351	BY718P LED300/CW PSD NB	IK08
01581451	BY718P LED300/CW PSD WB	IK08

Controls and Dimming

Order Code	Full Product Name	Dimmable
01569551	BY718P LED200/NW PSU WB	No
01576751	BY718P LED150/NW PSU WB	No
01571851	BY718P LED100/CW PSD NB	Yes
01571951	BY718P LED100/CW PSD WB	Yes
01572051	BY718P LED100/NW PSD NB	Yes
01572151	BY718P LED100/NW PSD WB	Yes
01572251	BY718P LED200/CW PSD NB	Yes
01572351	BY718P LED200/CW PSD WB	Yes
01572451	BY718P LED200/NW PSD NB	Yes
01576361	BY718X LED100/CW IAI NB IP65	No
01576461	BY718X LED100/CW IAI WB IP65	No
01576561	BY718X LED100/NW IAI NB IP65	No
01576661	BY718X LED100/NW IAI WB IP65	No
01576761	BY718X LED150/CW IAI NB IP65	No
01576861	BY718X LED150/CW IAI WB IP65	No
01576961	BY718X LED150/NW IAI NB IP65	No
01577061	BY718X LED150/NW IAI WB IP65	No
01577161	BY718X LED200/CW IAI NB IP65	No
01577261	BY718X LED200/CW IAI WB IP65	No

Order Code	Full Product Name	Dimmable
01577361	BY718X LED200/NW IAI NB IP65	No
01577461	BY718X LED200/NW IAI WB IP65	No
01577561	BY718X LED250/CW IAI NB IP65	No
01577661	BY718X LED250/CW IAI WB IP65	No
01577761	BY718X LED250/NW IAI NB IP65	No
01577861	BY718X LED250/NW IAI WB IP65	No
01577961	BY718X LED300/CW IAI NB IP65	No
01578061	BY718X LED300/CW IAI WB IP65	No
01578161	BY718X LED300/NW IAI NB IP65	No
01578261	BY718X LED300/NW IAI WB IP65	No
01580551	BY718P LED150/CW PSD NB	Yes
01580651	BY718P LED150/CW PSD WB	Yes
01580751	BY718P LED150/NW PSD NB	Yes
01580951	BY718P LED250/CW PSD NB	Yes
01581051	BY718P LED250/CW PSD WB	Yes
01581151	BY718P LED250/NW PSD NB	Yes
01581351	BY718P LED300/CW PSD NB	Yes
01581451	BY718P LED300/CW PSD WB	Yes

General Information

Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type	Number of gear units
01569551	BY718P LED200/NW PSU WB	-	Lens	1 unit
01576751	BY718P LED150/NW PSU WB	-	Lens	1 unit
01571851	BY718P LED100/CW PSD NB	-	PC	1 unit
01571951	BY718P LED100/CW PSD WB	-	PC	1 unit
01572051	BY718P LED100/NW PSD NB	-	PC	1 unit
01572151	BY718P LED100/NW PSD WB	-	PC	1 unit
01572251	BY718P LED200/CW PSD NB	-	PC	1 unit
01572351	BY718P LED200/CW PSD WB	-	PC	1 unit
01572451	BY718P LED200/NW PSD NB	-	PC	1 unit
01576361	BY718X LED100/CW IAI NB IP65	120 °	No	1 unit

Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type	Number of gear units
01576461	BY718X LED100/CW IAI WB IP65	120 °	No	1 unit
01576561	BY718X LED100/NW IAI NB IP65	120 °	No	1 unit
01576661	BY718X LED100/NW IAI WB IP65	120 °	No	1 unit
01576761	BY718X LED150/CW IAI NB IP65	120 °	No	1 unit
01576861	BY718X LED150/CW IAI WB IP65	120 °	No	1 unit
01576961	BY718X LED150/NW IAI NB IP65	120 °	No	1 unit

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Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type	Number of gear units
01577061	BY718X LED150/NW IAI WB IP65	120 °	No	1 unit
01577161	BY718X LED200/CW IAI NB IP65	120 °	No	1 unit
01577261	BY718X LED200/CW IAI WB IP65	120 °	No	1 unit
01577361	BY718X LED200/NW IAI NB IP65	120 °	No	1 unit
01577461	BY718X LED200/NW IAI WB IP65	120 °	No	1 unit
01577561	BY718X LED250/CW IAI NB IP65	120 °	No	1 unit
01577661	BY718X LED250/CW IAI WB IP65	120 °	No	1 unit
01577761	BY718X LED250/NW IAI NB IP65	120 °	No	1 unit
01577861	BY718X LED250/NW IAI WB IP65	120 °	No	1 unit

Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type	Number of gear units
01577961	BY718X LED300/CW IAI NB IP65	120 °	No	1 unit
01578061	BY718X LED300/CW IAI WB IP65	120 °	No	1 unit
01578161	BY718X LED300/NW IAI NB IP65	120 °	No	1 unit
01578261	BY718X LED300/NW IAI WB IP65	120 °	No	1 unit
01580551	BY718P LED150/CW PSD NB	-	PC	1 unit
01580651	BY718P LED150/CW PSD WB	-	PC	1 unit
01580751	BY718P LED150/NW PSD NB	-	PC	1 unit
01580951	BY718P LED250/CW PSD NB	-	PC	2 units
01581051	BY718P LED250/CW PSD WB	-	PC	2 units
01581151	BY718P LED250/NW PSD NB	-	PC	2 units
01581351	BY718P LED300/CW PSD NB	-	PC	2 units
01581451	BY718P LED300/CW PSD WB	-	PC	2 units

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
01569551	BY718P LED200/NW PSU WB	-	4000 K	158 lm/W	21500 lm
01576751	BY718P LED150/NW PSU WB	-	4000 K	145 lm/W	15000 lm
01571851	BY718P LED100/CW PSD NB	-	6500 K	145 lm/W	11000 lm
01571951	BY718P LED100/CW PSD WB	-	6500 K	145 lm/W	11000 lm
01572051	BY718P LED100/NW PSD NB	-	4000 K	145 lm/W	11000 lm
01572151	BY718P LED100/NW PSD WB	-	4000 K	145 lm/W	11000 lm
01572251	BY718P LED200/CW PSD NB	-	6500 K	147 lm/W	21500 lm
01572351	BY718P LED200/CW PSD WB	-	6500 K	147 lm/W	21500 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
01572451	BY718P LED200/NW PSD NB	-	4000 K	147 lm/W	21500 lm
01576361	BY718X LED100/CW IAI NB IP65	-	6500 K	145 lm/W	11000 lm
01576461	BY718X LED100/CW IAI WB IP65	-	6500 K	145 lm/W	11000 lm
01576561	BY718X LED100/NW IAI NB IP65	-	4000 K	145 lm/W	11000 lm
01576661	BY718X LED100/NW IAI WB IP65	-	4000 K	145 lm/W	11000 lm
01576761	BY718X LED150/CW IAI NB IP65	-	6500 K	137 lm/W	15000 lm
01576861	BY718X LED150/CW IAI WB IP65	-	6500 K	137 lm/W	15000 lm
01576961	BY718X LED150/NW IAI NB IP65	-	4000 K	137 lm/W	15000 lm

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
01577061	BY718X LED150/NW IAI WB IP65	-	4000 K	137 lm/W	15000 lm
01577161	BY718X LED200/CW IAI NB IP65	-	6500 K	147 lm/W	21500 lm
01577261	BY718X LED200/CW IAI WB IP65	-	6500 K	147 lm/W	21500 lm
01577361	BY718X LED200/NW IAI NB IP65	-	4000 K	147 lm/W	21500 lm
01577461	BY718X LED200/NW IAI WB IP65	-	4000 K	147 lm/W	21500 lm
01577561	BY718X LED250/CW IAI NB IP65	-	6500 K	147 lm/W	27000 lm
01577661	BY718X LED250/CW IAI WB IP65	-	6500 K	147 lm/W	27000 lm
01577761	BY718X LED250/NW IAI NB IP65	-	4000 K	147 lm/W	27000 lm
01577861	BY718X LED250/NW IAI WB IP65	-	4000 K	147 lm/W	27000 lm
01577961	BY718X LED300/CW IAI NB IP65	-	6500 K	137 lm/W	30000 lm
01578061	BY718X LED300/CW IAI WB IP65	-	6500 K	137 lm/W	30000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
01578161	BY718X LED300/NW IAI NB IP65	-	4000 K	137 lm/W	30000 lm
01578261	BY718X LED300/NW IAI WB IP65	-	4000 K	137 lm/W	30000 lm
01580551	BY718P LED150/CW PSD NB	-	6500 K	137 lm/W	15000 lm
01580651	BY718P LED150/CW PSD WB	-	6500 K	137 lm/W	15000 lm
01580751	BY718P LED150/NW PSD NB	-	4000 K	137 lm/W	15000 lm
01580951	BY718P LED250/CW PSD NB	-	6500 K	147 lm/W	27000 lm
01581051	BY718P LED250/CW PSD WB	-	6500 K	147 lm/W	27000 lm
01581151	BY718P LED250/NW PSD NB	-	4000 K	147 lm/W	27000 lm
01581351	BY718P LED300/CW PSD NB	-	6500 K	137 lm/W	30000 lm
01581451	BY718P LED300/CW PSD WB	-	6500 K	137 lm/W	30000 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
01569551	BY718P LED200/NW PSU WB	135 W
01576751	BY718P LED150/NW PSU WB	102 W
01571851	BY718P LED100/CW PSD NB	73 W
01571951	BY718P LED100/CW PSD WB	73 W
01572051	BY718P LED100/NW PSD NB	73 W
01572151	BY718P LED100/NW PSD WB	73 W
01572251	BY718P LED200/CW PSD NB	145 W
01572351	BY718P LED200/CW PSD WB	145 W
01572451	BY718P LED200/NW PSD NB	145 W
01576361	BY718X LED100/CW IAI NB IP65	73 W
01576461	BY718X LED100/CW IAI WB IP65	73 W
01576561	BY718X LED100/NW IAI NB IP65	73 W
01576661	BY718X LED100/NW IAI WB IP65	73 W

Order Code	Full Product Name	Initial input power
01576761	BY718X LED150/CW IAI NB IP65	109 W
01576861	BY718X LED150/CW IAI WB IP65	109 W
01576961	BY718X LED150/NW IAI NB IP65	109 W
01577061	BY718X LED150/NW IAI WB IP65	109 W
01577161	BY718X LED200/CW IAI NB IP65	145 W
01577261	BY718X LED200/CW IAI WB IP65	145 W
01577361	BY718X LED200/NW IAI NB IP65	145 W
01577461	BY718X LED200/NW IAI WB IP65	145 W
01577561	BY718X LED250/CW IAI NB IP65	183 W
01577661	BY718X LED250/CW IAI WB IP65	183 W
01577761	BY718X LED250/NW IAI NB IP65	183 W
01577861	BY718X LED250/NW IAI WB IP65	183 W
01577961	BY718X LED300/CW IAI NB IP65	217 W

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Order Code	Full Product Name	Initial input power
01578061	BY718X LED300/CW IAI WB IP65	217 W
01578161	BY718X LED300/NW IAI NB IP65	217 W
01578261	BY718X LED300/NW IAI WB IP65	217 W
01580551	BY718P LED150/CW PSD NB	109 W
01580651	BY718P LED150/CW PSD WB	109 W
01580751	BY718P LED150/NW PSD NB	109 W

Order Code	Full Product Name	Initial input power
01580951	BY718P LED250/CW PSD NB	183 W
01581051	BY718P LED250/CW PSD WB	183 W
01581151	BY718P LED250/NW PSD NB	183 W
01581351	BY718P LED300/CW PSD NB	217 W
01581451	BY718P LED300/CW PSD WB	217 W

Mechanical and Housing

Order Code	Full Product Name	Colour
01569551	BY718P LED200/NW PSU WB	Gray
01576751	BY718P LED150/NW PSU WB	Gray
01571851	BY718P LED100/CW PSD NB	Black and gray
01571951	BY718P LED100/CW PSD WB	Black and gray
01572051	BY718P LED100/NW PSD NB	Black and gray
01572151	BY718P LED100/NW PSD WB	Black and gray
01572251	BY718P LED200/CW PSD NB	Black and gray
01572351	BY718P LED200/CW PSD WB	Black and gray
01572451	BY718P LED200/NW PSD NB	Black and gray
01576361	BY718X LED100/CW IAI NB IP65	Black and gray
01576461	BY718X LED100/CW IAI WB IP65	Black and gray
01576561	BY718X LED100/NW IAI NB IP65	Black and gray
01576661	BY718X LED100/NW IAI WB IP65	Black and gray
01576761	BY718X LED150/CW IAI NB IP65	Black and gray
01576861	BY718X LED150/CW IAI WB IP65	Black and gray
01576961	BY718X LED150/NW IAI NB IP65	Black and gray
01577061	BY718X LED150/NW IAI WB IP65	Black and gray
01577161	BY718X LED200/CW IAI NB IP65	Black and gray
01577261	BY718X LED200/CW IAI WB IP65	Black and gray

Order Code	Full Product Name	Colour
01577361	BY718X LED200/NW IAI NB IP65	Black and gray
01577461	BY718X LED200/NW IAI WB IP65	Black and gray
01577561	BY718X LED250/CW IAI NB IP65	Black and gray
01577661	BY718X LED250/CW IAI WB IP65	Black and gray
01577761	BY718X LED250/NW IAI NB IP65	Black and gray
01577861	BY718X LED250/NW IAI WB IP65	Black and gray
01577961	BY718X LED300/CW IAI NB IP65	Black and gray
01578061	BY718X LED300/CW IAI WB IP65	Black and gray
01578161	BY718X LED300/NW IAI NB IP65	Black and gray
01578261	BY718X LED300/NW IAI WB IP65	Black and gray
01580551	BY718P LED150/CW PSD NB	Black and gray
01580651	BY718P LED150/CW PSD WB	Black and gray
01580751	BY718P LED150/NW PSD NB	Black and gray
01580951	BY718P LED250/CW PSD NB	Black and gray
01581051	BY718P LED250/CW PSD WB	Black and gray
01581151	BY718P LED250/NW PSD NB	Black and gray
01581351	BY718P LED300/CW PSD NB	Black and gray
01581451	BY718P LED300/CW PSD WB	Black and gray

