



GreenUp Lowbay G2 - A brighter solution for safer workspaces

GreenUp Lowbay G2

Good lighting is essential in industrial workspaces and large indoor areas. The wrong choice of lights or a lighting not correctly planned can lead to eye strain, fatigue, and poor performance, compromising safety and productivity. The Philips GreenUp Lowbay G2 luminaire is a simple LED solution which efficiently illuminates work areas, creating a brighter and better work, retail or sporting environment. With its crisp, white light and high colour rendering index coupled with energy efficiency, high visibility and enhances safety 24/7. Equipped with motion detection function, this easy-to-install and low-maintenance lighting solution is suitable for a variety of applications.

Benefits

- High energy saving up to 73% comparing to HPI-P system.
- Lighting for need, is able to achieve additional 10% energy saving through occupancy and motion-based dimming.
- Comfort light quality
- Easy installation and retrofitting

Features

- High efficacy: 120 lumens per watt
- Provides option of 1-10V motion detection sensor version on 8800lm
- Consistent colour rendering CRI>80 and R9>0
- Micro lens structure to realise the accurate distribution good glare control
- Five choices of optional accessories make it suitable for various applications
- Lifetime of 50,000 hours @L70B50 with end-to-end Philips production quality assurance

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Application

- Industrial workspaces
- Open areas
- Warehouses
- Retail stores
- Stadiums

Versions



BY288P



BY288P LED40

Product details



GreenUp Lowbay G2 BY288P



GreenUp Lowbay G2 BY288P w Reflector



GreenUp Lowbay G2 BY288P Pipe



GreenUp Lowbay G2 BY288P Bracket

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Product details



GreenUp Lowbay G2 BY288P Back



GreenUp Lowbay G2 BY288P Chain



GreenUp Lowbay G2 BY288P LED40



GreenUp Lowbay G2 BY288Z SM C



GreenUp Lowbay G2 BY288P Sensor



GreenUp Lowbay G2 BY288P PIR Front



GreenUp Lowbay G2 BY288P PIR Side



GreenUp Lowbay G2 BY288Z SM P



GreenUp Lowbay G2 Mounting Bracket



GreenUp Lowbay G2 BY288Z Hook

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Accessories



Ordercode 911401517231



BY288X PIR Sensor

Ordercode 911401517331



BY268Z RL

Ordercode 911401541511,
911401542111



BY268Z SM P

Ordercode 911401541811



BY269Z MB

Ordercode 911401541911,
911401542011



BY218Z Hook

Ordercode 911401561721

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Application Conditions

Ambient temperature range	-20 to +45 °C
Suitable for random switching	No

Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP20

Operating and Electrical

Input Voltage	220-400 V
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General Information

CE mark	CE mark
Optical cover/lens type	O
Driver included	Yes
Flammability mark	F
Glow-wire test	650/5
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
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Over Time Performance (IEC Compliant)

Median useful life L80B50	40000 h
Median useful life L90B50	20000 h

Application Conditions

Order Code	Full Product Name	Maximum dim level
911401508031	BY288P LED90/CW PSU	-
911401508331	BY288P LED60/NW PSU	-
911401508431	BY288P LED60/CW PSU	-
911401508531	BY288P LED90/NW PSR	10%
911401508631	BY288P LED90/CW PSR	10%
911401508731	BY288P LED90/NW PSU	-
911401842799	BY288P LED90/CW PSU EN	-
911401842999	BY288P LED90/CW PSR EN	10%
911401843099	BY288P LED90/NW PSU EN	-
911401843299	BY288P LED90/NW PSR EN	10%
911401843399	BY288P LED60/CW PSU EN	-
911401843499	BY288P LED60/NW PSU EN	-
911401508131	BY288P LED40/NW PSU	-
911401508231	BY288P LED40/CW PSU	-
911401842899	BY288P LED40/CW PSU EN	-
911401843199	BY288P LED40/NW PSU EN	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401508031	BY288P LED90/CW PSU	No
911401508331	BY288P LED60/NW PSU	No
911401508431	BY288P LED60/CW PSU	No
911401508531	BY288P LED90/NW PSR	Yes
911401508631	BY288P LED90/CW PSR	Yes
911401508731	BY288P LED90/NW PSU	No
911401842799	BY288P LED90/CW PSU EN	no
911401842999	BY288P LED90/CW PSR EN	yes

Order Code	Full Product Name	Dimmable
911401843099	BY288P LED90/NW PSU EN	no
911401843299	BY288P LED90/NW PSR EN	Yes
911401843399	BY288P LED60/CW PSU EN	no
911401843499	BY288P LED60/NW PSU EN	no
911401508131	BY288P LED40/NW PSU	No
911401508231	BY288P LED40/CW PSU	No
911401842899	BY288P LED40/CW PSU EN	No
911401843199	BY288P LED40/NW PSU EN	no

General Information

Order Code	Full Product Name	Protection class IEC	ENEC mark	Optic type
911401508031	BY288P LED90/CW PSU	-	-	-
911401508331	BY288P LED60/NW PSU	-	-	-
911401508431	BY288P LED60/CW PSU	-	-	-
911401508531	BY288P LED90/NW PSR	-	-	-
911401508631	BY288P LED90/CW PSR	-	-	-

Order Code	Full Product Name	Protection class IEC	ENEC mark	Optic type
911401508731	BY288P LED90/NW PSU	-	-	-
911401842799	BY288P LED90/CW PSU EN	Safety class I (I)	-	No
911401842999	BY288P LED90/CW PSR EN	Safety class I (I)	-	No

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Order Code	Full Product Name	Protection class IEC	ENEC mark	Optic type
911401843099	BY288P LED90/NW PSU EN	Safety class I (I)	-	No
911401843299	BY288P LED90/NW PSR EN	Safety class I (I)	-	No
911401843399	BY288P LED60/CW PSU EN	Safety class I (I)	-	No
911401843499	BY288P LED60/NW PSU EN	Safety class I (I)	-	No

Order Code	Full Product Name	Protection class IEC	ENEC mark	Optic type
911401508131	BY288P LED40/NW PSU	-	-	-
911401508231	BY288P LED40/CW PSU	-	-	-
911401842899	BY288P LED40/CW PSU EN	Safety class I (I)	-	No
911401843199	BY288P LED40/NW PSU EN	Safety class I (I)	-	No

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401508031	BY288P LED90/C W PSU	(0.313.0.324)SDCM<5	6500 K	117 lm/W	8800 lm
911401508331	BY288P LED60/N W PSU	(0.38.0.38)SDCM<5	4000 K	118 lm/W	5900 lm
911401508431	BY288P LED60/C W PSU	(0.313.0.324)SDCM<5	6500 K	118 lm/W	5900 lm
911401508531	BY288P LED90/N W PSR	(0.38.0.38)SDCM<5	4000 K	117 lm/W	8800 lm
911401508631	BY288P LED90/C W PSR	(0.313.0.324)SDCM<5	6500 K	117 lm/W	8800 lm
911401508731	BY288P LED90/N W PSU	(0.38.0.38)SDCM<5	4000 K	117 lm/W	8800 lm
911401842799	BY288P LED90/C W PSU EN	(0.313.0.324)SDCM<5	6500 K	117 lm/W	8800 lm
911401842999	BY288P LED90/C W PSR EN	(0.313.0.324)SDCM<5	6500 K	117 lm/W	8800 lm
911401843099	BY288P LED90/N	(0.38.0.38)SDCM<5	4000 K	117 lm/W	8800 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
	W PSU EN				
911401843299	BY288P LED90/N W PSR EN	(0.38.0.38)SDCM<5	4000 K	117 lm/W	8800 lm
911401843399	BY288P LED60/C W PSU EN	(0.313.0.324)SDCM<5	6500 K	118 lm/W	5900 lm
911401843499	BY288P LED60/N W PSU EN	(0.38.0.38)SDCM<5	4000 K	118 lm/W	5900 lm
911401508131	BY288P LED40/N W PSU	(0.38.0.38)SDCM<5	4000 K	120 lm/W	3600 lm
911401508231	BY288P LED40/C W PSU	(0.313.0.324)SDCM<5	6500 K	120 lm/W	3600 lm
911401842899	BY288P LED40/C W PSU EN	(0.313.0.324)SDCM<5	6500 K	120 lm/W	3600 lm
911401843199	BY288P LED40/N W PSU EN	(0.38.0.38)SDCM<5	4000 K	120 lm/W	3600 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401508031	BY288P LED90/CW PSU	75 W
911401508331	BY288P LED60/NW PSU	50 W
911401508431	BY288P LED60/CW PSU	50 W
911401508531	BY288P LED90/NW PSR	75 W

Order Code	Full Product Name	Initial input power
911401508631	BY288P LED90/CW PSR	75 W
911401508731	BY288P LED90/NW PSU	75 W
911401842799	BY288P LED90/CW PSU EN	75 W
911401842999	BY288P LED90/CW PSR EN	75 W

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Order Code	Full Product Name	Initial input power
911401843099	BY288P LED90/NW PSU EN	75 W
911401843299	BY288P LED90/NW PSR EN	75 W
911401843399	BY288P LED60/CW PSU EN	50 W
911401843499	BY288P LED60/NW PSU EN	50 W

Order Code	Full Product Name	Initial input power
911401508131	BY288P LED40/NW PSU	30 W
911401508231	BY288P LED40/CW PSU	30 W
911401842899	BY288P LED40/CW PSU EN	30 W
911401843199	BY288P LED40/NW PSU EN	30 W

