



# 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

# GreenUp Lowbay G2

## 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

# GreenUp Lowbay G2

## 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 BY288Z SM P



GreenUp Lowbay G2 Mounting Bracket



GreenUp Lowbay G2 BY288Z Hook

# GreenUp Lowbay G2

## Accessories



Ordercode 01517231



BY268Z RL

Ordercode 01541511



BY268Z SM P

Ordercode 01541811



BY269Z MB

Ordercode 911401541911,  
911401542011



BY218Z Hook

Ordercode 01561721

# GreenUp Lowbay G2

-	
Driver failure rate at 5,000 hours	0.01 %
<b>Application Conditions</b>	
Ambient temperature range	-20 to +45 °C
Suitable for random switching	No
<b>Approval and Application</b>	
Mech. impact protection code	IK03
Ingress protection code	IP20
<b>Operating and Electrical</b>	
Input Voltage	220-400 V
<b>General Information</b>	
CE mark	CE mark
Protection class IEC	Safety class I (I)
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
<b>Initial Performance (IEC Compliant)</b>	
Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%
<b>Mechanical and Housing</b>	
Colour	Gray
<b>Over Time Performance (IEC Compliant)</b>	
Median useful life L80B50	40000 h
Median useful life L90B50	20000 h

## Application Conditions

Order Code	Full Product Name	Maximum dimming level
01508331	BY288P LED60/NW PSU	-
01842799	BY288P LED90/CW PSU EN	-
01843099	BY288P LED90/NW PSU EN	-
01843299	BY288P LED90/NW PSR EN	10%
01843499	BY288P LED60/NW PSU EN	-
01843199	BY288P LED40/NW PSU EN	-

## Controls and Dimming

Order Code	Full Product Name	Dimmable
01508331	BY288P LED60/NW PSU	No
01842799	BY288P LED90/CW PSU EN	No
01843099	BY288P LED90/NW PSU EN	No

Order Code	Full Product Name	Dimmable
01843299	BY288P LED90/NW PSR EN	Yes
01843499	BY288P LED60/NW PSU EN	No
01843199	BY288P LED40/NW PSU EN	No

## General Information

Order Code	Full Product Name	ENEC mark	Optic type
01508331	BY288P LED60/NW PSU	-	-
01842799	BY288P LED90/CW PSU EN	-	No
01843099	BY288P LED90/NW PSU EN	-	No

Order Code	Full Product Name	ENEC mark	Optic type
01843299	BY288P LED90/NW PSR EN	-	No
01843499	BY288P LED60/NW PSU EN	-	No
01843199	BY288P LED40/NW PSU EN	-	No

## Initial Performance (IEC Compliant) (1/2)

## GreenUp Lowbay G2

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
01508331	BY288P LED60/NW PSU	(0.38.0.38)SDCM<5	4000 K	118 lm/W	5900 lm
01842799	BY288P LED90/CW PSU EN	(0.313.0.324)SDCM<5	6500 K	117 lm/W	8800 lm
01843099	BY288P LED90/NW PSU EN	(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
01843299	BY288P LED90/NW PSR EN	(0.38.0.38)SDCM<5	4000 K	117 lm/W	8800 lm
01843499	BY288P LED60/NW PSU EN	(0.38.0.38)SDCM<5	4000 K	118 lm/W	5900 lm
01843199	BY288P LED40/NW 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
01508331	BY288P LED60/NW PSU	50 W
01842799	BY288P LED90/CW PSU EN	75 W
01843099	BY288P LED90/NW PSU EN	75 W

Order Code	Full Product Name	Initial input power
01843299	BY288P LED90/NW PSR EN	75 W
01843499	BY288P LED60/NW PSU EN	50 W
01843199	BY288P LED40/NW PSU EN	30 W

