



# 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

## 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 BY288Z SM P

## Accessories



BY268Z SM P

Ordercode 911401541811

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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
ENEC mark	-
Flammability mark	F
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	No
<b>Initial Performance (IEC Compliant)</b>	
Initial chromaticity	(0.38.0.38)SDCM<5
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial LED luminaire efficacy	117 lm/W
Initial luminous flux	8800 lm
Luminous flux tolerance	+/-10%
Initial input power	75 W
<b>Mechanical and Housing</b>	
Colour	Grey
<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
911401843099	BY288P LED90/NW PSU EN	-
911401843299	BY288P LED90/NW PSR EN	10%

## Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
911401843099	BY288P LED90/NW PSU EN	No	911401843299	BY288P LED90/NW PSR EN	Yes

