# **PHILIPS** Lighting



# **GreenUp Highbay G2**

## BY560P LED105/NW PSD/CL WB CAU

GreenUp Highbay G2, 75 W, 10500 lm, 4000 K, DALI, 90°

Height is not an issue any more, maximum 16m movement detection together with the wireless ZigBee control, GreenUp HighBay G2,light up your space smartly.

#### Warnings and Safety

- The product is IPXO & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

#### **Product data**

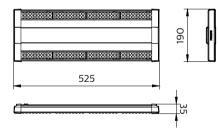
General Information		Beam angle of
Light source replaceable	No	Light source co
Number of gear units	1 unit	Optic type
Driver included	Yes	Optical cover t
Light source engine type	LED	Luminaire ligh
CE mark	CE mark	
Warranty period	3 years	Operating a
Flammability mark	For mounting on normally flammable	Input Voltage
	surfaces	Line Frequenc
ENEC mark	-	Inrush current
Glow-wire test	Temperature 650 °C, duration 5 s	Inrush time
		Power Consum
Light Technical		Power Factor
Luminous Flux	10,500 lm	Connection
Correlated Color Temperature (Nom)	4000 K	Cable
Luminous Efficacy (rated) (Nom)	140 lm/W	Number of pro
Color rendering index (CRI)	>80	

Beam angle of light source	- degree(s)		
Light source color	840 neutral white		
Optic type	Wide beam		
Optical cover type	Linear-lens array in polycarbonate cover		
Luminaire light beam spread	90°		
Operating and Electrical			
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz		
Inrush current	5.1 A		
Inrush time	760 ms		
Power Consumption	75 W		
Power Factor (Fraction)	0.95		
Connection	-		
Cable	Cable 3.0 m with plug		
Number of products on MCB of 16 A type B 24			

### GreenUp Highbay G2

Temperature		Initial chromaticity	(0.38.0.38)SDCM<5
Ambient temperature range	-20 to +45 °C	Power consumption tolerance	+/-10%
Controls and Dimming		Over Time Performance (IEC Cor	npliant)
Dimmable	Yes	Driver failure rate at 5000 h	0.01 %
Driver/power unit/transformer	Power supply unit with DALI interface	Median useful life L70B50	65,000 hour(s)
Control interface	DALI	Median useful life L80B50	45,000 hour(s)
Constant light output	No	Median useful life L90B50	25,000 hour(s)
Mechanical and Housing		Application Conditions	
Housing Material	Aluminum extruded	Maximum dim level	1% (depends on dimmer, ELV)
Reflector material	-	Suitable for random switching	No
Optic material	Polycarbonate		
Optical cover material	Polycarbonate	Product Data	
Fixation material	-	Order product name	BY560P LED105/NW PSD/CL WB CA
Housing Color	Aluminum and white	Full product name	BY560P LED105/NW PSD/CL WB CA
Optical cover finish	Clear	Full product code	871016333680000
Overall length	525 mm	Order code	911401505851
Overall width	190 mm	Material Nr. (12NC)	911401505851
		Numerator - Quantity Per Pack	1
Approval and Application		EAN/UPC - Product/Case	8710163336800
Ingress protection code	IP40 [Wire-protected]	Numerator - Packs per outer box	2
Mech. impact protection code	IK03 [0.3 J]	EAN/UPC - Case	8710163336800
Protection class IEC	Safety class I		
		_	
Initial Performance (IEC Compli	ant)	_	
Luminous flux tolerance	+/-10%	_	

#### Dimensional drawing



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