



# Classic, economical and reliable highbay luminaire

## GreenUp Round Highbay

The GreenUp Round Highbay range of luminaires provides the optimal balance between basic performance and price. The family covers a wide product range with a variety of options, competitive specifications, and long-term quality and reliability. The range is suitable for most industrial applications.

### Benefits

- Excellent energy savings, great value for money
- High light quality with a range of lumen packages for different applications
- Robust and reliable

### Features

- 140 lm/W system efficacy
- Narrow and wide beam options
- IP65/IK06 protection
- 50,000 hours lifetime @Ta 35°C
- -20°C to 45°C working temperature

### Application

- Manufacturing
- Warehouse

### Specifications

<b>Mounting type</b>	Surface	<b>Operating Temperature range</b> -20 to +45 °C
	Suspended	
	Pipe	
<b>Light Source</b>		LED

# GreenUp Round Highbay

<b>Mains Voltage</b>	220-240V / 50-60Hz
<b>Mains connection</b>	Flying cable
<b>Mechanical Accessories</b>	Mounting bracket
<b>Optical Accessories</b>	Reflector
<b>Dimming</b>	PSU: non-dimmable
<b>Material</b>	Housing: die-cast aluminum
<b>Lumen maintenance at median useful life 50.000h</b>	L70
<b>Flicker / Pst / SVM</b>	<15%
<b>Luminous flux</b>	11klm - 30klm
<b>Power consumption</b>	77W - 207W
<b>Luminaire efficacy</b>	Up to 143lm/W
<b>Correlated color temperature - CCT</b>	4000K 6500K

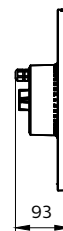
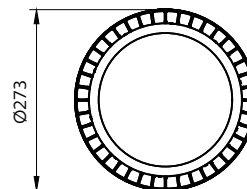
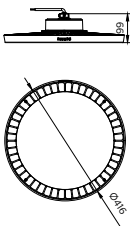
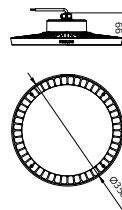
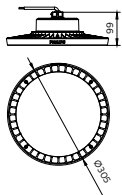
<b>Color Rendering index - CRI</b>	80
<b>Beam angle</b>	WB NB
<b>Reflector material</b>	Aluminum
<b>Optical cover/lens material</b>	PC
<b>Optical cover/lens finish</b>	Clear
<b>Protection Class</b>	Class I
<b>IEC61140</b>	
<b>Mechanical impact protection</b>	IK06
<b>Ingress protection</b>	IP65

## Versions



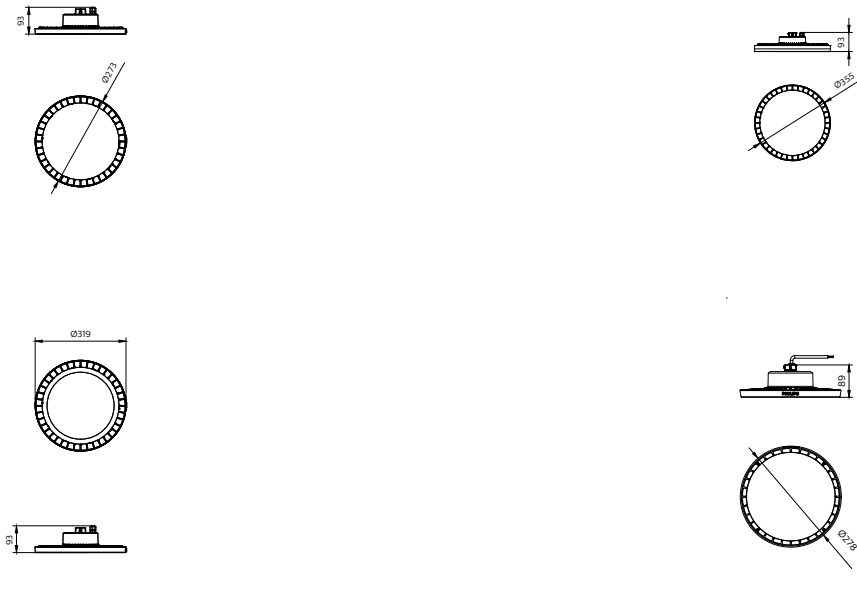
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Additional-Product-Photo-  
BY518P-SE

## Dimensional drawing



# GreenUp Round Highbay

## Dimensional drawing



### General Information

**Gear** -

### Light Technical

**Color rendering index (CRI)** >80

### Operating and Electrical

**Protection class IEC** Safety class I

**Line Frequency** 50 or 60 Hz

### Controls and Dimming

**Dimmable** No

### Mechanical and Housing

**Optical cover type** Lens

**Mech. impact protection code** IK06

**Ingress protection code** IP65

### Approval and Application

**CE mark** Yes

**ENEC mark** -

**Flammability mark** -

**Glow-wire test** -

### Initial Performance (IEC Compliant)

**Luminous flux tolerance** +/-10%

### General Information

Order Code	Full Product Name	Driver included	Number of gear units	Service tag
911401588745	BY518P SE LED50/NW PSU WB	Yes	1 unit	-
911401588845	BY518P SE LED50/CW PSU WB	Yes	1 unit	-
911401588945	BY518P SE LED70/NW PSU WB	Yes	1 unit	-
911401589045	BY518P SE LED70/CW PSU WB	Yes	1 unit	-
53662399	BY518P LED210/NW PSU WB GM	-	-	Yes
53661699	BY518P LED210/CW PSU WB GM	-	-	Yes
53655599	BY518P LED210/CW PSU NB GM	-	-	Yes
911401677808	BY518P SE LED105/NW PSU WB GM	Yes	1 unit	Yes
33211000	BY518P SE LED105/CW PSU WB GM	Yes	1 unit	Yes
70206700	BY518P SE LED140/NW PSU WB GM	Yes	1 unit	Yes
71191500	BY518P SE LED140/CW PSU WB GM	Yes	1 unit	Yes
911401678208	BY518P SE LED200/NW PSU WB GM	Yes	1 unit	Yes
70120600	BY518P SE LED200/CW PSU WB GM	Yes	1 unit	Yes
911401678408	BY518P SE LED245/NW PSU WB GM	Yes	1 unit	Yes
71170000	BY518P SE LED245/CW PSU WB GM	Yes	1 unit	Yes
911401678608	BY518P SE LED290/NW PSU WB GM	Yes	1 unit	Yes
71169400	BY518P SE LED290/CW PSU WB GM	Yes	1 unit	Yes
53657999	BY518P LED300/CW PSU WB GM	-	-	Yes
53651799	BY518P LED300/CW PSU NB GM	-	-	Yes
54297699	BY518P LED110/NW PSU WB GM	-	-	Yes
54296999	BY518P LED110/CW PSU WB GM	-	-	Yes
54295299	BY518P LED160/NW PSU WB GM	-	-	Yes
54294599	BY518P LED160/CW PSU WB GM	-	-	Yes
54292199	BY518P LED110/CW PSU NB GM	-	-	Yes
54290799	BY518P LED160/CW PSU NB GM	-	-	Yes

# GreenUp Round Highbay

Order Code	Full Product Name	Driver included	Number of gear units	Service tag
53660999	BY518P LED260/NW PSU WB GM	-	-	Yes
53659399	BY518P LED260/CW PSU WB GM	-	-	Yes

## Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401588745	BY518P SE LED50/NW PSU WB	120 degree(s)	4000 K	163 lm/W	5,000 lm
911401588845	BY518P SE LED50/CW PSU WB	120 degree(s)	6500 K	163 lm/W	5,000 lm
911401588945	BY518P SE LED70/NW PSU WB	120 degree(s)	4000 K	159 lm/W	7,000 lm
911401589045	BY518P SE LED70/CW PSU WB	120 degree(s)	6500 K	159 lm/W	7,000 lm
53662399	BY518P LED210/NW PSU WB GM	-	4000 K	137 lm/W	21,000 lm
53661699	BY518P LED210/CW PSU WB GM	-	6500 K	137 lm/W	21,000 lm
53655599	BY518P LED210/CW PSU NB GM	-	6500 K	137 lm/W	21,000 lm
911401677808	BY518P SE LED105/NW PSU WB GM	120 degree(s)	4000 K	150 lm/W	10,500 lm
33211000	BY518P SE LED105/CW PSU WB GM	120 degree(s)	6500 K	150 lm/W	10,500 lm
70206700	BY518P SE LED140/NW PSU WB GM	120 degree(s)	4000 K	143 lm/W	14,000 lm
71191500	BY518P SE LED140/CW PSU WB GM	120 degree(s)	6500 K	143 lm/W	14,000 lm
911401678208	BY518P SE LED200/NW PSU WB GM	120 degree(s)	4000 K	148 lm/W	20,000 lm
70120600	BY518P SE LED200/CW PSU WB GM	120 degree(s)	6500 K	148 lm/W	20,000 lm
911401678408	BY518P SE LED245/NW PSU WB GM	120 degree(s)	4000 K	153 lm/W	24,500 lm
71170000	BY518P SE LED245/CW PSU WB GM	120 degree(s)	6500 K	153 lm/W	24,500 lm
911401678608	BY518P SE LED290/NW PSU WB GM	120 degree(s)	4000 K	151 lm/W	29,000 lm
71169400	BY518P SE LED290/CW PSU WB GM	120 degree(s)	6500 K	151 lm/W	29,000 lm
53657999	BY518P LED300/CW PSU WB GM	-	6500 K	143 lm/W	30,000 lm
53651799	BY518P LED300/CW PSU NB GM	-	6500 K	143 lm/W	30,000 lm
54297699	BY518P LED110/NW PSU WB GM	-	4000 K	143 lm/W	11,000 lm
54296999	BY518P LED110/CW PSU WB GM	-	6500 K	143 lm/W	11,000 lm
54295299	BY518P LED160/NW PSU WB GM	-	4000 K	139 lm/W	16,000 lm
54294599	BY518P LED160/CW PSU WB GM	-	6500 K	139 lm/W	16,000 lm
54292199	BY518P LED110/CW PSU NB GM	-	6500 K	143 lm/W	11,000 lm
54290799	BY518P LED160/CW PSU NB GM	-	6500 K	139 lm/W	16,000 lm
53660999	BY518P LED260/NW PSU WB GM	-	4000 K	139 lm/W	26,000 lm
53659399	BY518P LED260/CW PSU WB GM	-	6500 K	139 lm/W	26,000 lm

# GreenUp Round Highbay

## Light Technical (2/2)

Order Code	Full Product Name	Number of light	
		sources	Optic type
911401588745	BY518P SE LED50/NW PSU WB	1	Wide beam
911401588845	BY518P SE LED50/CW PSU WB	1	Wide beam
911401588945	BY518P SE LED70/NW PSU WB	1	Wide beam
911401589045	BY518P SE LED70/CW PSU WB	1	Wide beam
53662399	BY518P LED210/NW PSU WB GM	-	-
53661699	BY518P LED210/CW PSU WB GM	-	-
53655599	BY518P LED210/CW PSU NB GM	-	-
911401677808	BY518P SE LED105/NW PSU WB GM	1	Wide beam
33211000	BY518P SE LED105/CW PSU WB GM	1	Wide beam
70206700	BY518P SE LED140/NW PSU WB GM	1	Wide beam
71191500	BY518P SE LED140/CW PSU WB GM	1	Wide beam
911401678208	BY518P SE LED200/NW PSU WB GM	1	Wide beam
70120600	BY518P SE LED200/CW PSU WB GM	1	Wide beam
911401678408	BY518P SE LED245/NW PSU WB GM	1	Wide beam

Order Code	Full Product Name	Number of light	
		sources	Optic type
71170000	BY518P SE LED245/CW PSU WB GM	1	Wide beam
911401678608	BY518P SE LED290/NW PSU WB GM	1	Wide beam
71169400	BY518P SE LED290/CW PSU WB GM	1	Wide beam
53657999	BY518P LED300/CW PSU WB GM	-	-
53651799	BY518P LED300/CW PSU NB GM	-	-
54297699	BY518P LED110/NW PSU WB GM	-	-
54296999	BY518P LED110/CW PSU WB GM	-	-
54295299	BY518P LED160/NW PSU WB GM	-	-
54294599	BY518P LED160/CW PSU WB GM	-	-
54292199	BY518P LED110/CW PSU NB GM	-	-
54290799	BY518P LED160/CW PSU NB GM	-	-
53660999	BY518P LED260/NW PSU WB GM	-	-
53659399	BY518P LED260/CW PSU WB GM	-	-

## Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power	Suitable for
			Consumption	random switching
911401588745	BY518P SE LED50/NW PSU WB	220-240 V	30.5 W	No
911401588845	BY518P SE LED50/CW PSU WB	220-240 V	30.5 W	No
911401588945	BY518P SE LED70/NW PSU WB	220-240 V	44 W	No
911401589045	BY518P SE LED70/CW PSU WB	220-240 V	44 W	No
53662399	BY518P LED210/NW PSU WB GM	220-240 V	154 W	-
53661699	BY518P LED210/CW PSU WB GM	220-240 V	154 W	-
53655599	BY518P LED210/CW PSU NB GM	220-240 V	154 W	-
911401677808	BY518P SE LED105/NW PSU WB GM	220 to 240 V	70 W	No
33211000	BY518P SE LED105/CW PSU WB GM	220 to 240 V	70 W	No
70206700	BY518P SE LED140/NW PSU WB GM	220 to 240 V	98 W	No
71191500	BY518P SE LED140/CW PSU WB GM	220 to 240 V	98 W	No
911401678208	BY518P SE LED200/NW PSU WB GM	220 to 240 V	135 W	No
70120600	BY518P SE LED200/CW PSU WB GM	220 to 240 V	135 W	No
911401678408	BY518P SE LED245/NW PSU WB GM	220 to 240 V	160 W	No

Order Code	Full Product Name	Input Voltage	Power	Suitable for
			Consumption	random switching
71170000	BY518P SE LED245/CW PSU WB GM	220 to 240 V	160 W	No
911401678608	BY518P SE LED290/NW PSU WB GM	220 to 240 V	192 W	No
71169400	BY518P SE LED290/CW PSU WB GM	220 to 240 V	192 W	No
53657999	BY518P LED300/CW PSU WB GM	220-240 V	207 W	-
53651799	BY518P LED300/CW PSU NB GM	220-240 V	207 W	-
54297699	BY518P LED110/NW PSU WB GM	220-240 V	77 W	-
54296999	BY518P LED110/CW PSU WB GM	220-240 V	77 W	-
54295299	BY518P LED160/NW PSU WB GM	220-240 V	115 W	-
54294599	BY518P LED160/CW PSU WB GM	220-240 V	115 W	-
54292199	BY518P LED110/CW PSU NB GM	220-240 V	77 W	-
54290799	BY518P LED160/CW PSU NB GM	220-240 V	115 W	-
53660999	BY518P LED260/NW PSU WB GM	220-240 V	187 W	-
53659399	BY518P LED260/CW PSU WB GM	220-240 V	187 W	-

## Controls and Dimming

# GreenUp Round Highbay

Order Code	Full Product Name	Maximum dim level
911401588745	BY518P SE LED50/NW PSU WB	Not applicable
911401588845	BY518P SE LED50/CW PSU WB	Not applicable
911401588945	BY518P SE LED70/NW PSU WB	Not applicable
911401589045	BY518P SE LED70/CW PSU WB	Not applicable
53662399	BY518P LED210/NW PSU WB GM	-
53661699	BY518P LED210/CW PSU WB GM	-
53655599	BY518P LED210/CW PSU NB GM	-
911401677808	BY518P SE LED105/NW PSU WB GM	Not applicable
33211000	BY518P SE LED105/CW PSU WB GM	Not applicable
70206700	BY518P SE LED140/NW PSU WB GM	Not applicable
71191500	BY518P SE LED140/CW PSU WB GM	Not applicable
911401678208	BY518P SE LED200/NW PSU WB GM	Not applicable
70120600	BY518P SE LED200/CW PSU WB GM	Not applicable
911401678408	BY518P SE LED245/NW PSU WB GM	Not applicable

Order Code	Full Product Name	Maximum dim level
71170000	BY518P SE LED245/CW PSU WB GM	Not applicable
911401678608	BY518P SE LED290/NW PSU WB GM	Not applicable
71169400	BY518P SE LED290/CW PSU WB GM	Not applicable
53657999	BY518P LED300/CW PSU WB GM	-
53651799	BY518P LED300/CW PSU NB GM	-
54297699	BY518P LED110/NW PSU WB GM	-
54296999	BY518P LED110/CW PSU WB GM	-
54295299	BY518P LED160/NW PSU WB GM	-
54294599	BY518P LED160/CW PSU WB GM	-
54292199	BY518P LED110/CW PSU NB GM	-
54290799	BY518P LED160/CW PSU NB GM	-
53660999	BY518P LED260/NW PSU WB GM	-
53659399	BY518P LED260/CW PSU WB GM	-

## Mechanical and Housing

Order Code	Full Product Name	Housing Color
911401588745	BY518P SE LED50/NW PSU WB	Grey
911401588845	BY518P SE LED50/CW PSU WB	Grey
911401588945	BY518P SE LED70/NW PSU WB	Grey
911401589045	BY518P SE LED70/CW PSU WB	Grey
53662399	BY518P LED210/NW PSU WB GM	Gray
53661699	BY518P LED210/CW PSU WB GM	Gray
53655599	BY518P LED210/CW PSU NB GM	Gray
911401677808	BY518P SE LED105/NW PSU WB GM	Grey
33211000	BY518P SE LED105/CW PSU WB GM	Grey
70206700	BY518P SE LED140/NW PSU WB GM	Grey
71191500	BY518P SE LED140/CW PSU WB GM	Grey
911401678208	BY518P SE LED200/NW PSU WB GM	Grey
70120600	BY518P SE LED200/CW PSU WB GM	Grey
911401678408	BY518P SE LED245/NW PSU WB GM	Grey

Order Code	Full Product Name	Housing Color
71170000	BY518P SE LED245/CW PSU WB GM	Grey
911401678608	BY518P SE LED290/NW PSU WB GM	Grey
71169400	BY518P SE LED290/CW PSU WB GM	Grey
53657999	BY518P LED300/CW PSU WB GM	Gray
53651799	BY518P LED300/CW PSU NB GM	Gray
54297699	BY518P LED110/NW PSU WB GM	Gray
54296999	BY518P LED110/CW PSU WB GM	Gray
54295299	BY518P LED160/NW PSU WB GM	Gray
54294599	BY518P LED160/CW PSU WB GM	Gray
54292199	BY518P LED110/CW PSU NB GM	Gray
54290799	BY518P LED160/CW PSU NB GM	Gray
53660999	BY518P LED260/NW PSU WB GM	Gray
53659399	BY518P LED260/CW PSU WB GM	Gray

## Approval and Application

Order Code	Full Product Name	Ambient temperature range
911401588745	BY518P SE LED50/NW PSU WB	-30 to +45 °C
911401588845	BY518P SE LED50/CW PSU WB	-30 to +45 °C
911401588945	BY518P SE LED70/NW PSU WB	-30 to +45 °C
911401589045	BY518P SE LED70/CW PSU WB	-30 to +45 °C
53662399	BY518P LED210/NW PSU WB GM	-20 to +45 °C
53661699	BY518P LED210/CW PSU WB GM	-20 to +45 °C
53655599	BY518P LED210/CW PSU NB GM	-20 to +45 °C
911401677808	BY518P SE LED105/NW PSU WB GM	-30 to +45 °C
33211000	BY518P SE LED105/CW PSU WB GM	-30 to +45 °C
70206700	BY518P SE LED140/NW PSU WB GM	-30 to +45 °C
71191500	BY518P SE LED140/CW PSU WB GM	-30 to +45 °C
911401678208	BY518P SE LED200/NW PSU WB GM	-30 to +45 °C
70120600	BY518P SE LED200/CW PSU WB GM	-30 to +45 °C
911401678408	BY518P SE LED245/NW PSU WB GM	-30 to +45 °C

Order Code	Full Product Name	Ambient temperature range
71170000	BY518P SE LED245/CW PSU WB GM	-30 to +45 °C
911401678608	BY518P SE LED290/NW PSU WB GM	-30 to +45 °C
71169400	BY518P SE LED290/CW PSU WB GM	-30 to +45 °C
53657999	BY518P LED300/CW PSU WB GM	-20 to +45 °C
53651799	BY518P LED300/CW PSU NB GM	-20 to +45 °C
54297699	BY518P LED110/NW PSU WB GM	-20 to +45 °C
54296999	BY518P LED110/CW PSU WB GM	-20 to +45 °C
54295299	BY518P LED160/NW PSU WB GM	-20 to +45 °C
54294599	BY518P LED160/CW PSU WB GM	-20 to +45 °C
54292199	BY518P LED110/CW PSU NB GM	-20 to +45 °C
54290799	BY518P LED160/CW PSU NB GM	-20 to +45 °C
53660999	BY518P LED260/NW PSU WB GM	-20 to +45 °C
53659399	BY518P LED260/CW PSU WB GM	-20 to +45 °C

## Initial Performance (IEC Compliant)

## GreenUp Round Highbay

Order Code	Full Product Name	Initial chromaticity
911401588745	BY518P SE LED50/NW PSU WB	(0.38, 0.375) SDCM<5
911401588845	BY518P SE LED50/CW PSU WB	(0.313, 0.329) SDCM<5
911401588945	BY518P SE LED70/NW PSU WB	(0.38, 0.375) SDCM<5
911401589045	BY518P SE LED70/CW PSU WB	(0.313, 0.329) SDCM<5
53662399	BY518P LED210/NW PSU WB GM	(0.385, 0.380) SDCM<5
53661699	BY518P LED210/CW PSU WB GM	(0.316, 0.332) SDCM<5
53655599	BY518P LED210/CW PSU NB GM	(0.316, 0.332) SDCM<5
911401677808	BY518P SE LED105/NW PSU WB GM	(0.38, 0.375) SDCM<5
33211000	BY518P SE LED105/CW PSU WB GM	(0.313, 0.329) SDCM<5
70206700	BY518P SE LED140/NW PSU WB GM	(0.38, 0.375) SDCM<5
71191500	BY518P SE LED140/CW PSU WB GM	(0.313, 0.329) SDCM<5
911401678208	BY518P SE LED200/NW PSU WB GM	(0.38, 0.375) SDCM<5
70120600	BY518P SE LED200/CW PSU WB GM	(0.313, 0.329) SDCM<5
911401678408	BY518P SE LED245/NW PSU WB GM	(0.38, 0.375) SDCM<5

Order Code	Full Product Name	Initial chromaticity
71170000	BY518P SE LED245/CW PSU WB GM	(0.313, 0.329) SDCM<5
911401678608	BY518P SE LED290/NW PSU WB GM	(0.38, 0.375) SDCM<5
71169400	BY518P SE LED290/CW PSU WB GM	(0.313, 0.329) SDCM<5
53657999	BY518P LED300/CW PSU WB GM	(0.316, 0.332) SDCM<5
53651799	BY518P LED300/CW PSU NB GM	(0.316, 0.332) SDCM<5
54297699	BY518P LED110/NW PSU WB GM	(0.385, 0.380) SDCM<5
54296999	BY518P LED110/CW PSU WB GM	(0.316, 0.332) SDCM<5
54295299	BY518P LED160/NW PSU WB GM	(0.385, 0.380) SDCM<5
54294599	BY518P LED160/CW PSU WB GM	(0.316, 0.332) SDCM<5
54292199	BY518P LED110/CW PSU NB GM	(0.316, 0.332) SDCM<5
54290799	BY518P LED160/CW PSU NB GM	(0.316, 0.332) SDCM<5
53660999	BY518P LED260/NW PSU WB GM	(0.385, 0.380) SDCM<5
53659399	BY518P LED260/CW PSU WB GM	(0.316, 0.332) SDCM<5

