



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

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

GreenUp Round Highbay

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

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

Versions



Size S

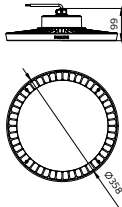
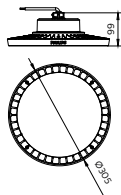


Size L

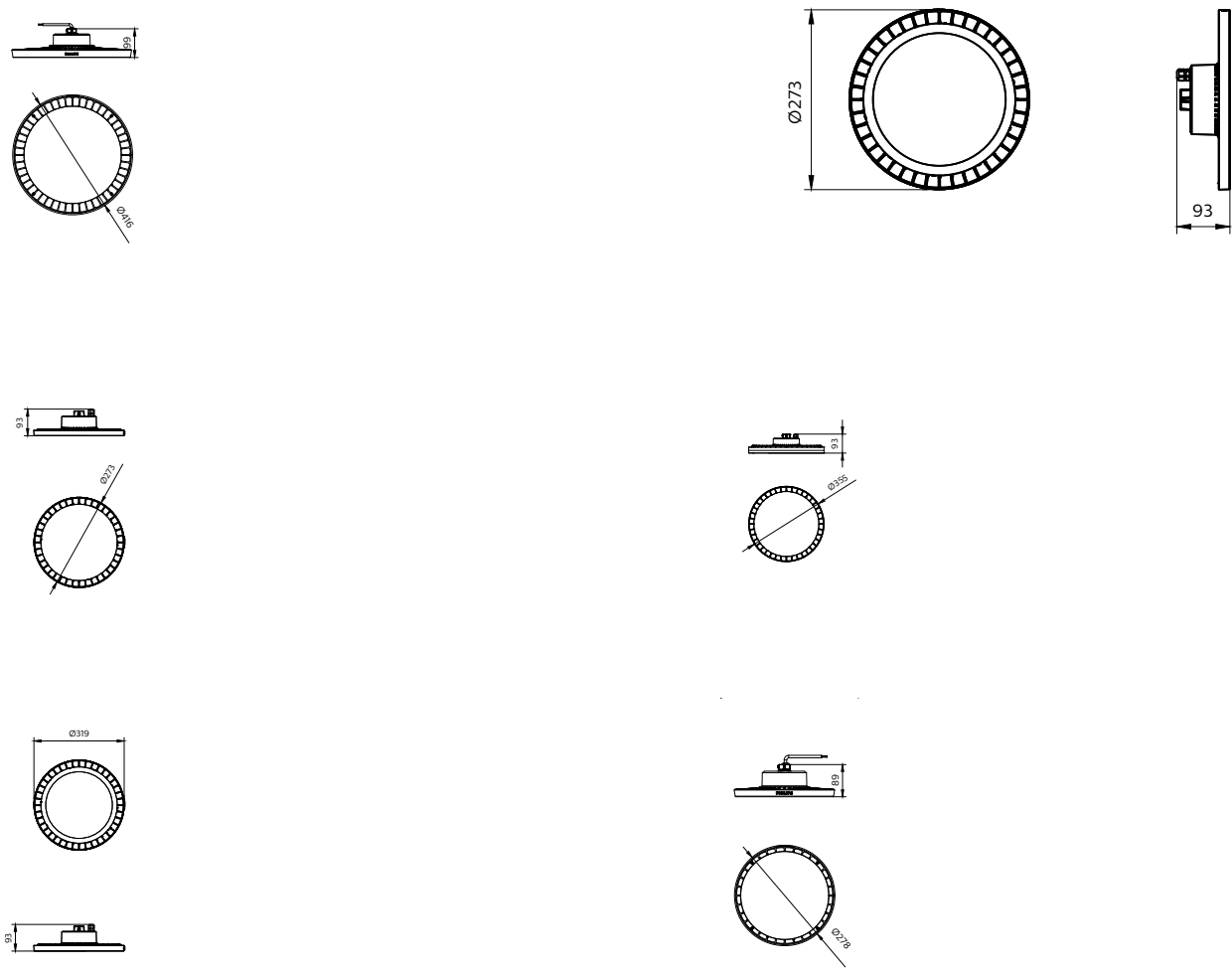


Size Mf

Dimensional drawing



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
911401677908	BY518P SE LED105/CW PSU WB GM	Yes	1 unit	Yes
911401678008	BY518P SE LED140/NW PSU WB GM	Yes	1 unit	Yes
911401678108	BY518P SE LED140/CW PSU WB GM	Yes	1 unit	Yes
911401678208	BY518P SE LED200/NW PSU WB GM	Yes	1 unit	Yes
911401678308	BY518P SE LED200/CW PSU WB GM	Yes	1 unit	Yes
911401678408	BY518P SE LED245/NW PSU WB GM	Yes	1 unit	Yes
911401678508	BY518P SE LED245/CW PSU WB GM	Yes	1 unit	Yes
911401678608	BY518P SE LED290/NW PSU WB GM	Yes	1 unit	Yes
911401678708	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
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

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
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
911401677908	BY518P SE LED105/CW PSU WB GM	120 degree(s)	6500 K	150 lm/W	10,500 lm
911401678008	BY518P SE LED140/NW PSU WB GM	120 degree(s)	4000 K	143 lm/W	14,000 lm

GreenUp Round Highbay

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
		degree(s)			
911401678108	BY518P SE LED140/CW PSU WB GM	120	6500 K	143 lm/W	14,000 lm
911401678208	BY518P SE LED200/NW PSU WB GM	120	4000 K	148 lm/W	20,000 lm
911401678308	BY518P SE LED200/CW PSU WB GM	120	6500 K	148 lm/W	20,000 lm
911401678408	BY518P SE LED245/NW PSU WB GM	120	4000 K	153 lm/W	24,500 lm
911401678508	BY518P SE LED245/CW PSU WB GM	120	6500 K	153 lm/W	24,500 lm
911401678608	BY518P SE LED290/NW PSU WB GM	120	4000 K	151 lm/W	29,000 lm
911401678708	BY518P SE LED290/CW PSU WB GM	120	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

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
		degree(s)			
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

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
911401677908	BY518P SE LED105/CW PSU WB GM	1		Wide beam
911401678008	BY518P SE LED140/NW PSU WB GM	1		Wide beam
911401678108	BY518P SE LED140/CW PSU WB GM	1		Wide beam
911401678208	BY518P SE LED200/NW PSU WB GM	1		Wide beam
911401678308	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
911401678508	BY518P SE LED245/CW PSU WB GM	1		Wide beam
911401678608	BY518P SE LED290/NW PSU WB GM	1		Wide beam
911401678708	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

GreenUp Round Highbay

Order Code	Full Product Name	Power		Suitable for random switching
		Input Voltage	Consumption	
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
911401677908	BY518P SE LED105/CW PSU WB GM	220 to 240 V	70 W	No
911401678008	BY518P SE LED140/NW PSU WB GM	220 to 240 V	98 W	No
911401678108	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
911401678308	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	Power		Suitable for random switching
		Input Voltage	Consumption	
911401678508	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
911401678708	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

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
911401677908	BY518P SE LED105/CW PSU WB GM	Not applicable
911401678008	BY518P SE LED140/NW PSU WB GM	Not applicable
911401678108	BY518P SE LED140/CW PSU WB GM	Not applicable
911401678208	BY518P SE LED200/NW PSU WB GM	Not applicable
911401678308	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
911401678508	BY518P SE LED245/CW PSU WB GM	Not applicable
911401678608	BY518P SE LED290/NW PSU WB GM	Not applicable
911401678708	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

GreenUp Round Highbay

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
911401677908	BY518P SE LED105/CW PSU WB GM	Grey
911401678008	BY518P SE LED140/NW PSU WB GM	Grey
911401678108	BY518P SE LED140/CW PSU WB GM	Grey
911401678208	BY518P SE LED200/NW PSU WB GM	Grey
911401678308	BY518P SE LED200/CW PSU WB GM	Grey
911401678408	BY518P SE LED245/NW PSU WB GM	Grey

Order Code	Full Product Name	Housing Color
911401678508	BY518P SE LED245/CW PSU WB GM	Grey
911401678608	BY518P SE LED290/NW PSU WB GM	Grey
911401678708	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
911401677908	BY518P SE LED105/CW PSU WB GM	-30 to +45 °C
911401678008	BY518P SE LED140/NW PSU WB GM	-30 to +45 °C
911401678108	BY518P SE LED140/CW PSU WB GM	-30 to +45 °C
911401678208	BY518P SE LED200/NW PSU WB GM	-30 to +45 °C
911401678308	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
911401678508	BY518P SE LED245/CW PSU WB GM	-30 to +45 °C
911401678608	BY518P SE LED290/NW PSU WB GM	-30 to +45 °C
911401678708	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)

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
911401677908	BY518P SE LED105/CW PSU WB GM	(0.313, 0.329) SDCM<5
911401678008	BY518P SE LED140/NW PSU WB GM	(0.38, 0.375) SDCM<5
911401678108	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
911401678308	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
911401678508	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
911401678708	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

