

127-1306

BSP544 LED

**we-ef**



**Description**

IP55. Class I. IK10. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Polycarbonate main lens. CAD-optimized optics for superior illumination and glare control. Integral driver in thermally separated compartment. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire.

Recommended mounting height 10-20 ft, depending on lamp type selected; brackets to be ordered separately.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)  
+ XXX-XXXX (Accessory 1)

For DarkSky compliant configurations of this product, please find the spec sheet and DarkSky certificate in the library.

Weight	28.90 lb
Light distribution	[R65] Type IV Medium
Light source	LED-24/48W / 700 mA - 3000 K
CRI	80
Power supply	electronic gear
BUG	B2 U1 G1
LEDs	24
Rated input power	54 W

<b>Nominal Lumen (lm)</b>	
LED Lumen	290
Total Lumen	6960
Tj	85

<b>Delivered lumens (lm)</b>	
LED Lumen	225
Total Lumen	5398.9
Ta	25

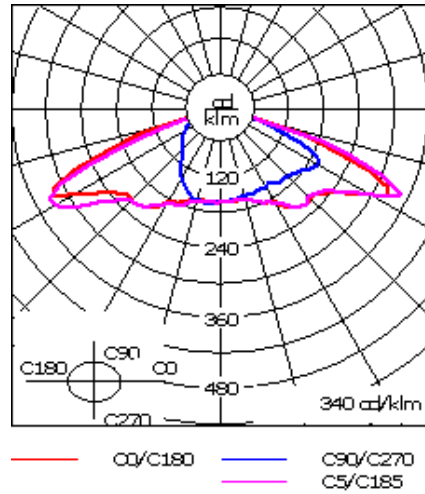
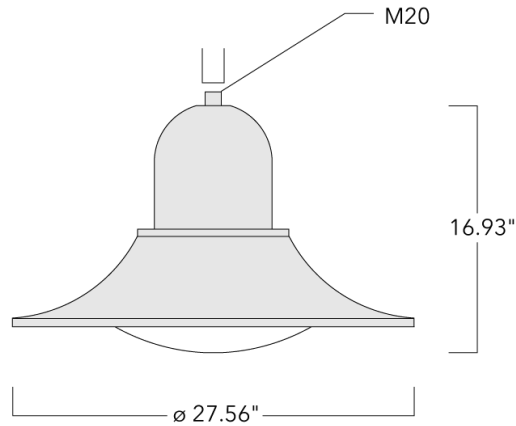
**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
customersupport.usa@we-ef.com - <https://we-ef.com/us>  
Subject to technical changes and errors. - Generated on 04/19/2025

127-1306





BSP544 LED

**we-ef**



## Specifications

### Material description

Body	Marine-grade die-cast aluminium alloy
Lens	Polycarbonate lens
Colors	 RAL9004 Black  RAL9007 Grey Metallic  RAL9016 White  RAL8019 Dark Bronze
Gasket	Silicone rubber gasket
Fasteners	PCS Polymer Coated Stainless Steel hardware
Ingress protection	IP55
Impact resistance	IK10
Corrosion resistance	5CE
Windage	1.34 ft <sup>2</sup>

#### WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 04/19/2025

**127-1306**

**BSP544 LED**

**we-ef**

**Electrical description**

---

Power supply	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast	Integral EC electronic converter
Power factor	> 0.9
Surge protection	Integral 10kV Surge Protector

---

**Additional information**

---

Lifetime	Ta=25°/40° L90B10 > 90000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare.
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

---

**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
customersupport.usa@we-ef.com - <https://we-ef.com/us>  
Subject to technical changes and errors. - Generated on 04/19/2025

127-1306

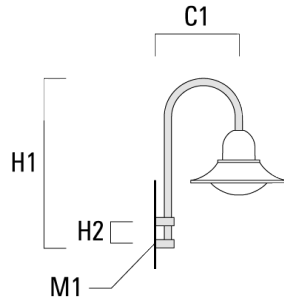
BSP544 LED

**we-ef**

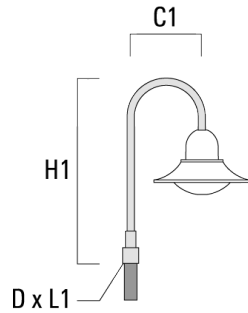
## Mounting Accessories

### Wall and pole brackets BA

Description	Part ID	C1	D x L1	H1	H2	L	M1	Weight (lb)	C	H
BA0-580 Wall bracket, single	300-0149	25.00		39.37	5.19		0.35	5.51	635	1000



BA1-580 Pole bracket, single	300-0089	22.83	3 x 3	39.37		2.99		9.92	580	1000
------------------------------	----------	-------	-------	-------	--	------	--	------	-----	------



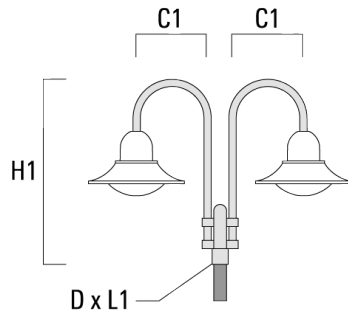
**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
customersupport.usa@we-ef.com - <https://we-ef.com/us>

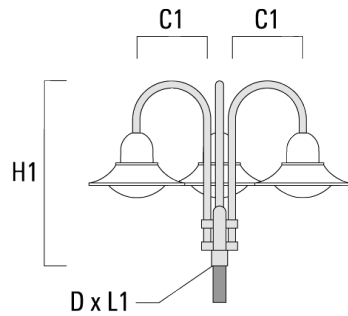
Subject to technical changes and errors. - Generated on 04/19/2025

**BSP544 LED**

Description	Part ID	C1	D × L1	H1	H2	L	M1	Weight (lb)	C	H
BA2-580 Pole bracket, double	300-0090	26.57	3 x 3	39.37		2.99		18.74	675	1000



BA3-580 Pole bracket, triple	300-0093	26.57	3 x 3	39.37		2.99		23.15	675	1000
------------------------------	----------	-------	-------	-------	--	------	--	-------	-----	------



**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 04/19/2025

**Wall and pole brackets BC**

Description	Part ID	C1	H1	H2	M1	Weight (lb)	C	H
BC0-580 Wall bracket, double	300-0771	635	1325	11.81	8	2.80	635	1325



BC1-580 Pole bracket, single	300-0770	675	1325	300	8	2.80	675	1325
------------------------------	----------	-----	------	-----	---	------	-----	------



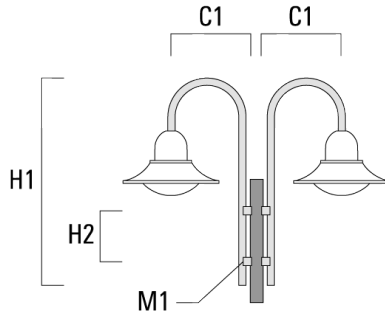
**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
 customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 04/19/2025

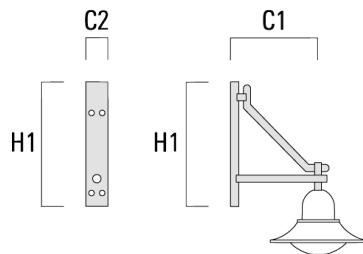
**BSP544 LED**

Description	Part ID	C1	H1	H2	M1	Weight (lb)	C	H
BC2-580 Pole bracket, double	300-0769	675	1325	300	8	5.60	675	1325



**Wall and pole brackets DA**

Description	Part ID	C1	C2	D × L1	H1	L	Weight (lb)	C	H
DA0-750 Wall bracket, single	300-0086	28.35	2.76		37.40		16.09	720	950



**WE-EF LIGHTING USA, LLC**

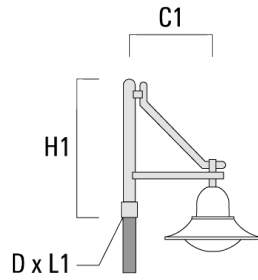
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

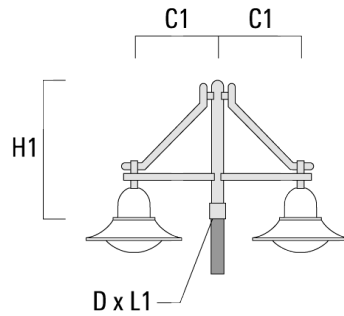
Subject to technical changes and errors. - Generated on 04/19/2025

**BSP544 LED**

Description	Part ID	C1	C2	D × L1	H1	L	Weight (lb)	C	H
DA1-750 Pole bracket, single	300-0083	28.35		3 x 5	37.40	2.99	16.09	720	950



DA2-750 Pole bracket, double	300-0084	28.35		3 x 5	37.40	2.99	23.37	720	950
------------------------------	----------	-------	--	-------	-------	------	-------	-----	-----



**WE-EF LIGHTING USA, LLC**

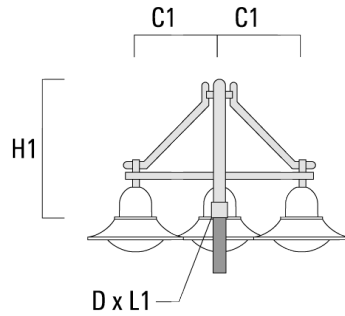
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
 customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 04/19/2025



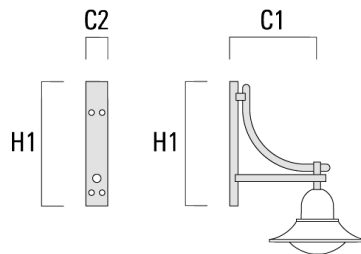
**BSP544 LED**

Description	Part ID	C1	C2	D x L1	H1	L	Weight (lb)	C	H
DA3-750 Pole bracket, triple	300-0085	28.35		3 x 5	37.40	2.99	30.64	720	950



**Wall and pole brackets DB**

Description	Part ID	C1	C2	D x L1	H1	L	Weight (lb)	C	H
DB0-750 Wall bracket, single	300-0172	28.35	2.76		37.40		15.65	720	950

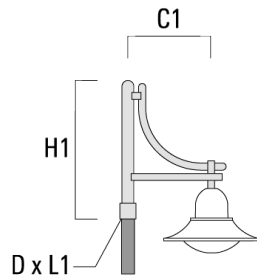


127-1306

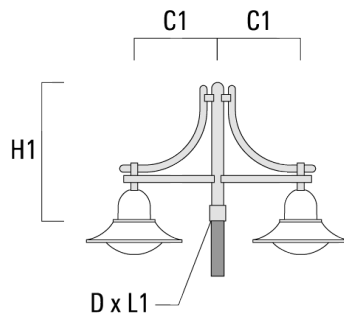
**we-ef**

**BSP544 LED**

Description	Part ID	C1	C2	D x L1	H1	L	Weight (lb)	C	H
DB1-750 Pole bracket, single	300-0165	28.35		3 x 5	37.40	2.99	15.65	720	950



DB2-750 Pole bracket, double	300-0168	28.35		3 x 5	37.40	2.99	22.49	720	950
------------------------------	----------	-------	--	-------	-------	------	-------	-----	-----



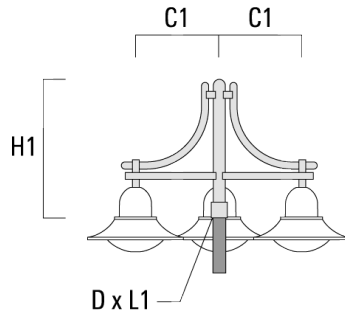
**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 04/19/2025

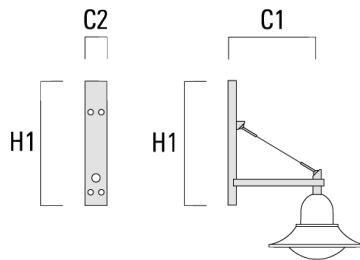
**BSP544 LED**

Description	Part ID	C1	C2	D x L1	H1	L	Weight (lb)	C	H
DB3-750 Pole bracket, triple	300-0170	28.35		3 x 5	37.40	2.99	29.32	720	950



**Wall and pole brackets DS**

Description	Part ID	C1	C2	D x L1	H1	L	Weight (lb)	C	H
DS0-750 Wall bracket, single	300-0070	29.53	2.76		27.56		5.73	750	700



**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 04/19/2025

**BSP544 LED**

Description	Part ID	C1	C2	D x L1	H1	L	Weight (lb)	C	H
DS1-750 Pole bracket, single	300-0477	29.53		3 x 5	33.46	2.99	12.13	750	850



DS2-750 Pole bracket, double	300-0765	29.53		3 x 5	33.46	2.99	15.87	750	850
------------------------------	----------	-------	--	-------	-------	------	-------	-----	-----



**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
 customersupport.usa@we-ef.com - <https://we-ef.com/us>

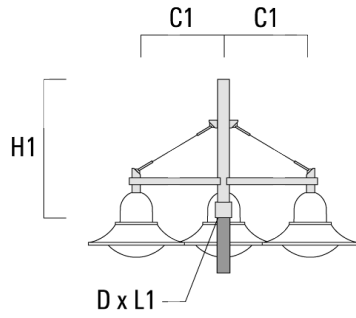
Subject to technical changes and errors. - Generated on 04/19/2025

**127-1306**

**BSP544 LED**

**we-ef**

Description	Part ID	C1	C2	D x L1	H1	L	Weight (lb)	C	H
DS3-750 Pole bracket, triple	300-0766	29.53		3 x 5	33.46	2.99	19.62	750	850



**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 04/19/2025

**127-1306**

**BSP544 LED**

**we-ef**

## **Optical Accessories**

### **Light shield**

Description	Part ID	Additional information
LS180	430-0029	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering.

**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 04/19/2025