

127-1435

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.

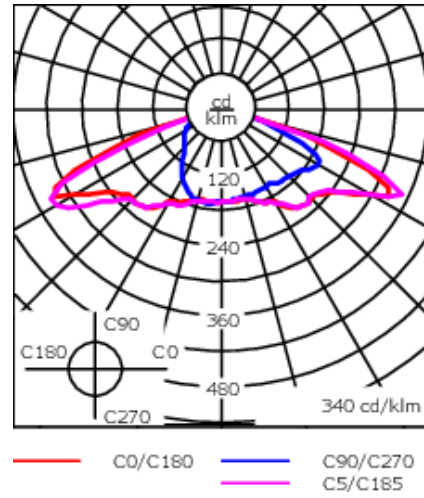
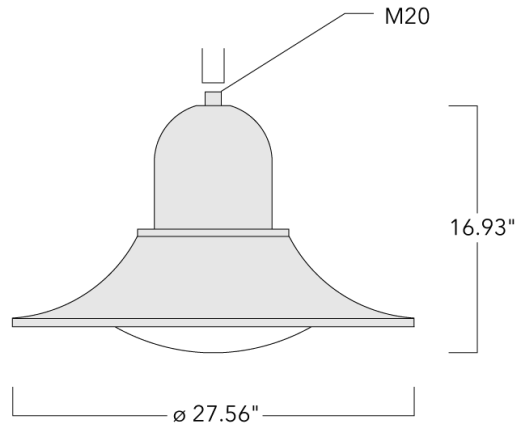
|                    |                              |
|--------------------|------------------------------|
| Weight             | 28.90 lb                     |
| Light distribution | [R65] Type IV Medium         |
| Light source       | LED-24/48W / 700 mA - 2700 K |
| CRI                | 80                           |
| Power supply       | electronic gear              |
| LEDs               | 24                           |
| Rated input power  | 54 W                         |

| <b>Nominal Lumen (lm)</b> |      |
|---------------------------|------|
| LED Lumen                 | 270  |
| Total Lumen               | 6480 |
| Tj                        | 85   |

| <b>Delivered lumens (lm)</b> |        |
|------------------------------|--------|
| LED Lumen                    | 209.4  |
| Total Lumen                  | 5026.5 |
| Ta                           | 25     |

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## Specifications

### Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade die-cast aluminium alloy   |
| Lens                 | Polycarbonate lens  |
| Colors               | <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Black</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: grey; margin-right: 5px;"></div> <span>RAL9007 Grey Metallic</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: white; margin-right: 5px;"></div> <span>RAL9016 White</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: darkgrey; margin-right: 5px;"></div> <span>RAL8019 Dark Bronze</span> </div> </div> |
| 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>  |

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**Electrical description**

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|                  |   |
|------------------|---|
| 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   |

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**Additional information**

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|            |   |
|------------|---|
| 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.                            |

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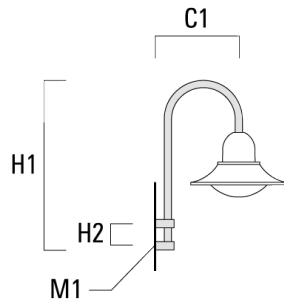
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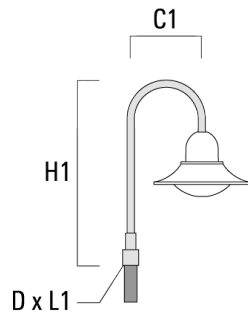
**Mounting Accessories**

**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 |

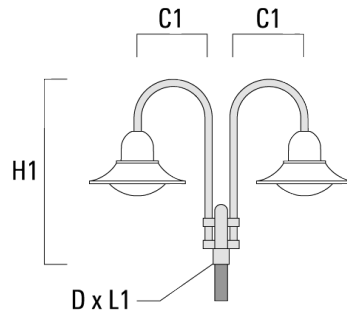


|                              |          |       |       |       |  |      |  |      |     |      |
|------------------------------|----------|-------|-------|-------|--|------|--|------|-----|------|
| BA1-580 Pole bracket, single | 300-0089 | 22.83 | 3 x 3 | 39.37 |  | 2.99 |  | 9.92 | 580 | 1000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

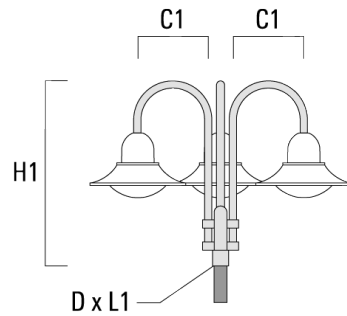


**BSP544 LED**

| Description                  | Part ID  | C1    | D x 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 |
|------------------------------|----------|-------|-------|-------|--|------|--|-------|-----|------|



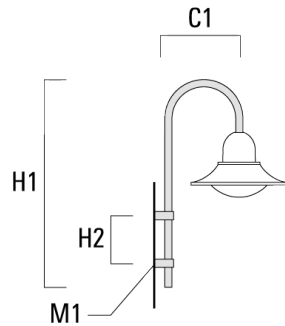
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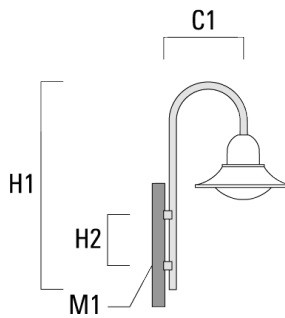
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**Wall and pole brackets BC**

| 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 |

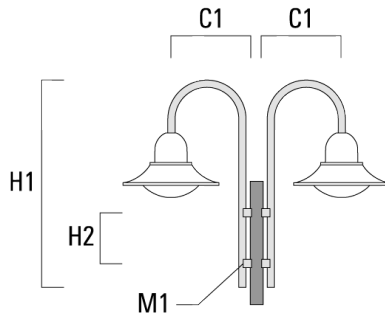


|                              |          |     |      |     |   |      |     |      |
|------------------------------|----------|-----|------|-----|---|------|-----|------|
| BC1-580 Pole bracket, single | 300-0770 | 675 | 1325 | 300 | 8 | 2.80 | 675 | 1325 |
|------------------------------|----------|-----|------|-----|---|------|-----|------|



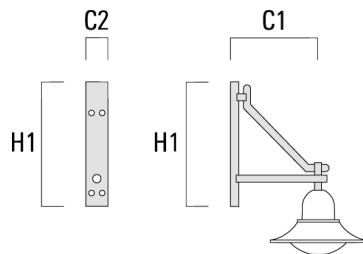
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| Description                  | Part ID  | C1  | H1   | H2  | M1 | Weight (lb) | C   | H    |
|------------------------------|----------|-----|------|-----|----|-------------|-----|------|
| BC2-580 Pole bracket, double | 300-0769 | 675 | 1325 | 300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



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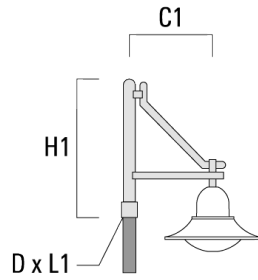
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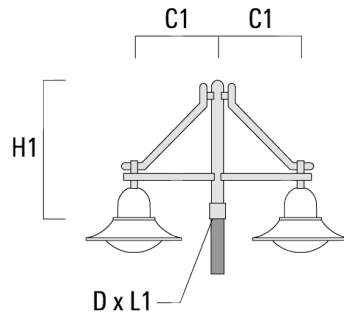
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| Description                  | Part ID  | C1    | C2 | D x L1 | H1    | L    | Weight (lb) | C   | H   |
|------------------------------|----------|-------|----|--------|-------|------|-------------|-----|-----|
| DA1-750 Pole bracket, single | 300-0083 | 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 |
|------------------------------|----------|-------|--|-------|-------|------|-------|-----|-----|



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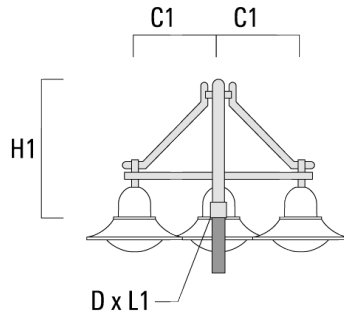
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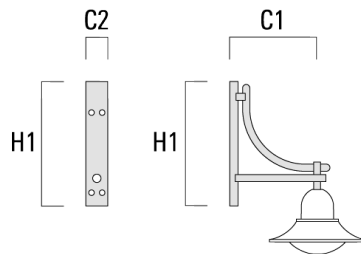
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| Description                  | Part ID  | C1    | C2 | D x L1 | H1    | L    | Weight (lb) | C   | H   |
|------------------------------|----------|-------|----|--------|-------|------|-------------|-----|-----|
| DA3-750 Pole bracket, triple | 300-0085 | 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 |

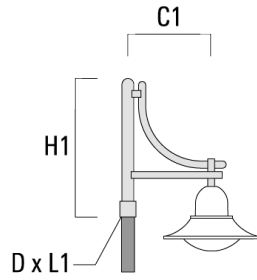


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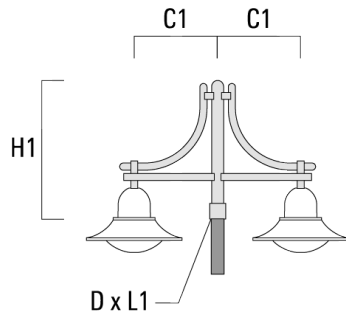
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| Description                  | Part ID  | C1    | C2 | D x L1 | H1    | L    | Weight (lb) | C   | H   |
|------------------------------|----------|-------|----|--------|-------|------|-------------|-----|-----|
| DB1-750 Pole bracket, single | 300-0165 | 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 |
|------------------------------|----------|-------|--|-------|-------|------|-------|-----|-----|



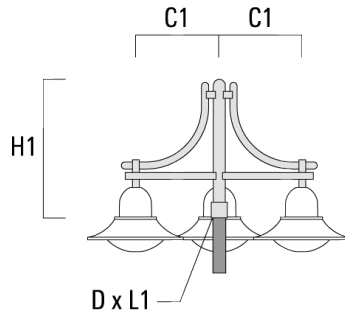
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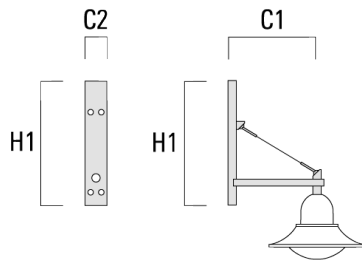
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| Description                  | Part ID  | C1    | C2 | D x L1 | H1    | L    | Weight (lb) | C   | H   |
|------------------------------|----------|-------|----|--------|-------|------|-------------|-----|-----|
| DB3-750 Pole bracket, triple | 300-0170 | 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 |



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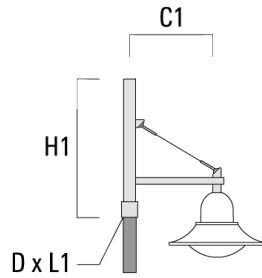
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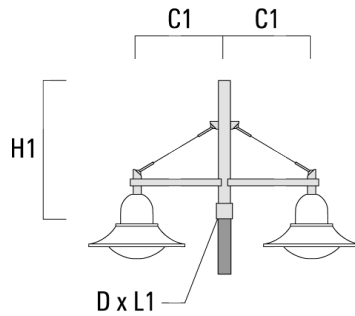
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| Description                  | Part ID  | C1    | C2 | D x L1 | H1    | L    | Weight (lb) | C   | H   |
|------------------------------|----------|-------|----|--------|-------|------|-------------|-----|-----|
| DS1-750 Pole bracket, single | 300-0477 | 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 |
|------------------------------|----------|-------|--|-------|-------|------|-------|-----|-----|



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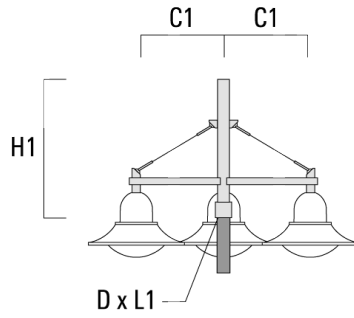
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| Description                  | Part ID  | C1    | C2 | D x L1 | H1    | L    | Weight (lb) | C   | H   |
|------------------------------|----------|-------|----|--------|-------|------|-------------|-----|-----|
| DS3-750 Pole bracket, triple | 300-0766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



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## **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. |

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