



Description

IP55, Class I. Cass II on request. IK10. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. Polycarbonate main lens. Integral EC electronic converter in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation.

Optional 2200 K version available. To be specified at time of ordering.

Brackets to be ordered separately.

| | |
|--------------------|-------------------------------|
| Weight | 13.10 kg |
| Light distribution | rectangular, side throw [R65] |
| Light source | LED-36/72W / 700 mA - 3000 K |
| CRI | 70 |
| Power supply | EC |
| LEDs | 36 |
| Rated input power | 79 W |

Nominal Lumen (lm)

| | |
|-------------|-------|
| LED Lumen | 330 |
| Total Lumen | 11880 |
| Tj | 85 |

Rated lumens (lm)

| | |
|-------------|--------|
| LED Lumen | 256 |
| Total Lumen | 9215.3 |
| Ta | 25 |



Specifications

Material description

| | |
|----------------------|--|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Polycarbonate lens |
| Colours | <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <div>RAL9004 Signal black</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> <div>RAL9006 White aluminium</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <div>RAL9007 Grey aluminium</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #333333; margin-right: 5px;"></div> <div>RAL7016 Anthracite grey</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> <div>RAL9016 Traffic white</div> </div> |
| Gasket | Silicone rubber gasket |
| Fasteners | PCS Polymer Coated Stainless Steel Hardware |
| Ingress protection | IP55 |
| Impact resistance | IK10 |
| Corrosion resistance | 5CE |
| Windage | 0.1246 m ² |

Electrical description

| | |
|------------------|--|
| Power supply | 220-240V / 50-60 Hz |
| Driver / Ballast | Integral EC electronic converter. DALI |
| Power factor | > 0.9 |
| Surge protection | 6/6 kV (optional SP10) |

WE-EF LEUCHTEN GmbH

Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0
 info@we-ef.com - <https://we-ef.com>

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127-1308-70

BSP544 LED

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Additional information

Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class C-D (Light source)

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Control

Eco Step Dim® Basic

| Description | Part ID |
|-------------------------|----------|
| Eco Step Dim® Basic LED | 430-0001 |

Eco Step Dim® Advanced

| Description | Part ID |
|----------------------------|----------|
| Eco Step Dim® Advanced LED | 430-0002 |

Mounting Accessories

Wall and pole brackets BA

| Description | Part ID | C1 | D x L1 | H1 | H2 | M1 | Weight (kg) | C | H |
|------------------------------|----------|-----|--------|------|-----|----|-------------|-----|------|
| BA0-580 Wall bracket, single | 300-0149 | 635 | | 1000 | 132 | 9 | 2.50 | 635 | 1000 |



| | | | | | | | | | |
|------------------------------|----------|-----|---------|------|--|--|------|-----|------|
| BA1-580 Pole bracket, single | 300-0089 | 580 | 76 x 80 | 1000 | | | 4.50 | 580 | 1000 |
|------------------------------|----------|-----|---------|------|--|--|------|-----|------|



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| Description | Part ID | C1 | D x L1 | H1 | H2 | M1 | Weight (kg) | C | H |
|------------------------------|----------|-----|---------|------|----|----|-------------|-----|------|
| BA2-580 Pole bracket, double | 300-0090 | 675 | 76 x 80 | 1000 | | | 8.50 | 675 | 1000 |



| | | | | | | | | | |
|------------------------------|----------|-----|---------|------|--|--|-------|-----|------|
| BA3-580 Pole bracket, triple | 300-0093 | 675 | 76 x 80 | 1000 | | | 10.50 | 675 | 1000 |
|------------------------------|----------|-----|---------|------|--|--|-------|-----|------|



Wall and pole brackets BC

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

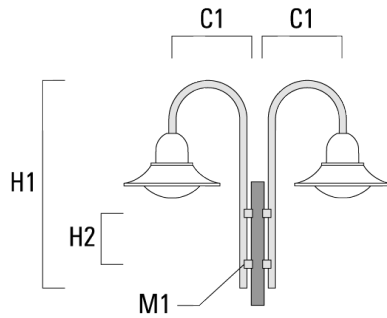


| | | | | | | | | |
|------------------------------|----------|-----|------|-----|---|------|-----|------|
| BC1-580 Pole bracket, single | 300-0770 | 675 | 1325 | 300 | 8 | 2.80 | 675 | 1325 |
|------------------------------|----------|-----|------|-----|---|------|-----|------|



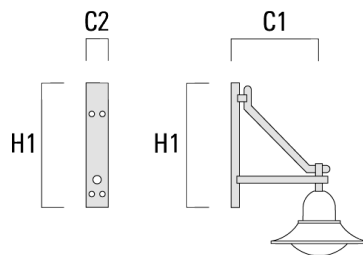
BSP544 LED

| Description | Part ID | C1 | H1 | H2 | M1 | Weight (kg) | 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 | Weight (kg) | C | H |
|------------------------------|----------|-----|----|--------|-----|-------------|-----|-----|
| DA0-750 Wall bracket, single | 300-0086 | 720 | 70 | | 950 | 7.30 | 720 | 950 |



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| Description | Part ID | C1 | C2 | D x L1 | H1 | Weight (kg) | C | H |
|------------------------------|----------|-----|----|----------|-----|-------------|-----|-----|
| DA1-750 Pole bracket, single | 300-0083 | 720 | | 76 x 130 | 950 | 7.30 | 720 | 950 |

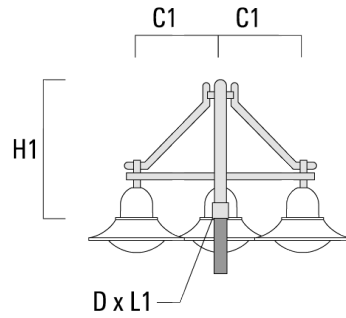


| | | | | | | | | |
|------------------------------|----------|-----|--|----------|-----|-------|-----|-----|
| DA2-750 Pole bracket, double | 300-0084 | 720 | | 76 x 130 | 950 | 10.60 | 720 | 950 |
|------------------------------|----------|-----|--|----------|-----|-------|-----|-----|



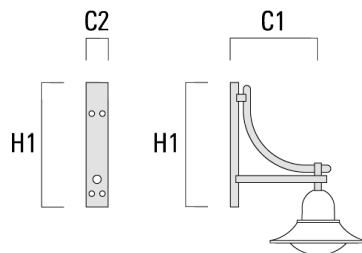
BSP544 LED

| Description | Part ID | C1 | C2 | D × L1 | H1 | Weight (kg) | C | H |
|------------------------------|----------|-----|----|----------|-----|-------------|-----|-----|
| DA3-750 Pole bracket, triple | 300-0085 | 720 | | 76 x 130 | 950 | 13.90 | 720 | 950 |



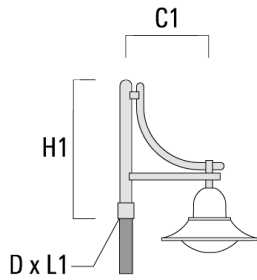
Wall and pole brackets DB

| Description | Part ID | C1 | C2 | D × L1 | H1 | Weight (kg) | C | H |
|------------------------------|----------|-----|----|--------|-----|-------------|-----|-----|
| DB0-750 Wall bracket, single | 300-0172 | 720 | 70 | | 950 | 7.10 | 720 | 950 |

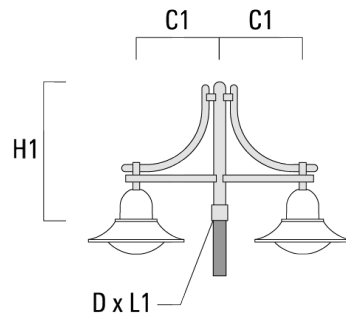


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| Description | Part ID | C1 | C2 | D x L1 | H1 | Weight (kg) | C | H |
|------------------------------|----------|-----|----|----------|-----|-------------|-----|-----|
| DB1-750 Pole bracket, single | 300-0165 | 720 | | 76 x 130 | 950 | 7.10 | 720 | 950 |

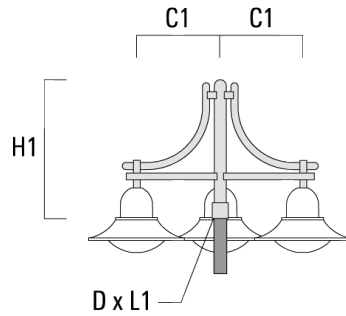


| | | | | | | | | |
|------------------------------|----------|-----|--|----------|-----|-------|-----|-----|
| DB2-750 Pole bracket, double | 300-0168 | 720 | | 76 x 130 | 950 | 10.20 | 720 | 950 |
|------------------------------|----------|-----|--|----------|-----|-------|-----|-----|



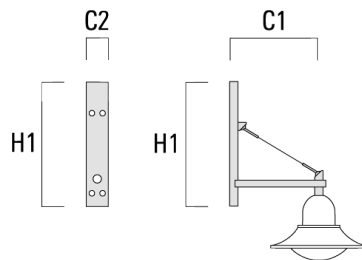
BSP544 LED

| Description | Part ID | C1 | C2 | D × L1 | H1 | Weight (kg) | C | H |
|------------------------------|----------|-----|----|----------|-----|-------------|-----|-----|
| DB3-750 Pole bracket, triple | 300-0170 | 720 | | 76 x 130 | 950 | 13.30 | 720 | 950 |



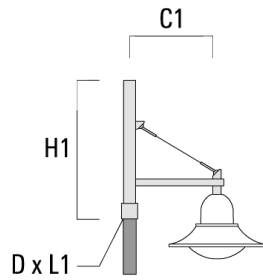
Wall and pole brackets DS

| Description | Part ID | C1 | C2 | D × L1 | H1 | Weight (kg) | C | H |
|------------------------------|----------|-----|----|--------|-----|-------------|-----|-----|
| DS0-750 Wall bracket, single | 300-0070 | 750 | 70 | | 700 | 2.60 | 750 | 700 |

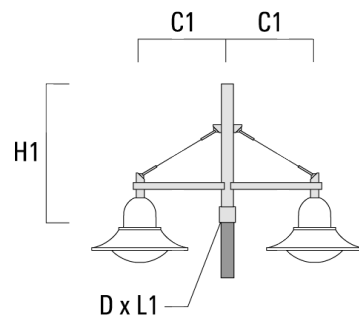


BSP544 LED

| Description | Part ID | C1 | C2 | D x L1 | H1 | Weight (kg) | C | H |
|------------------------------|----------|-----|----|----------|-----|-------------|-----|-----|
| DS1-750 Pole bracket, single | 300-0477 | 750 | | 76 x 130 | 850 | 5.50 | 750 | 850 |



| | | | | | | | | |
|------------------------------|----------|-----|--|----------|-----|------|-----|-----|
| DS2-750 Pole bracket, double | 300-0765 | 750 | | 76 x 130 | 850 | 7.20 | 750 | 850 |
|------------------------------|----------|-----|--|----------|-----|------|-----|-----|



BSP544 LED

| Description | Part ID | C1 | C2 | D x L1 | H1 | Weight (kg) | C | H |
|------------------------------|----------|-----|----|----------|-----|-------------|-----|-----|
| DS3-750 Pole bracket, triple | 300-0766 | 750 | | 76 x 130 | 850 | 8.90 | 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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