

127-1420

AOP534 LED-FT

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### Description

IP55, Class I. Class II on request. IK10. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gaskets. Polycarbonate main lens. CAD-optimised indirect optics for superior illumination and glare control.

Brackets to be ordered separately.

|                    |                              |
|--------------------|------------------------------|
| Weight             | 7.60 kg                      |
| Light distribution | symmetric distribution [C60] |
| Light source       | LED-FT-24W / 700 mA - 2700 K |
| CRI                | 80                           |
| Power supply       | EC                           |
| LEDs               | 1                            |
| Rated input power  | 27 W                         |

### Rated lumens (lm)

|             |        |
|-------------|--------|
| LED Lumen   | 2769.2 |
| Total Lumen | 2769.2 |
| Ta          | 25     |

### Nominal Lumen (lm)

|             |      |
|-------------|------|
| LED Lumen   | 4050 |
| Total Lumen | 4050 |
| Tc          | 25   |

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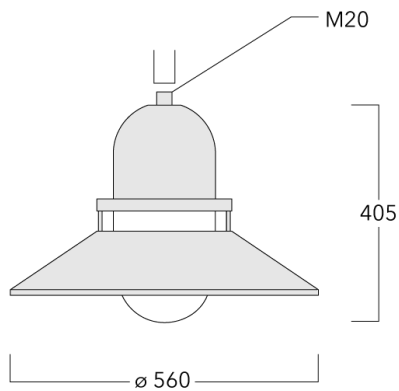
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## Specifications

### Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | Polycarbonate lens  |
| Colours              |  RAL9004 Signal black<br> RAL9006 White aluminium<br> RAL9007 Grey aluminium<br> RAL7016 Anthracite grey<br> RAL9016 Traffic white |
| Gasket               | Silicone rubber gasket  |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware   |
| Ingress protection   | IP55  |
| Impact resistance    | IK10  |
| Corrosion resistance | 5CE   |
| Windage              | 0.12 m <sup>2</sup>   |

### 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)                 |

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**Additional information**

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Lifetime Ta=25° L70B50 > 50000h

Energy efficiency class 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 |

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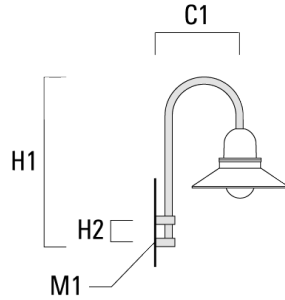
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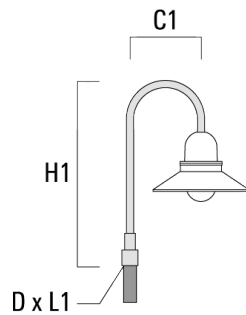
**Mounting Accessories**

**Wall and pole brackets BA**

| Description                  | Part ID  | C1  | D × L1 | H1   | H2  | M1 | Weight (kg) | C   | H    |
|------------------------------|----------|-----|--------|------|-----|----|-------------|-----|------|
| BA0-420 Wall bracket, single | 300-0152 | 460 |        | 1000 | 132 | 9  | 2           | 460 | 1000 |

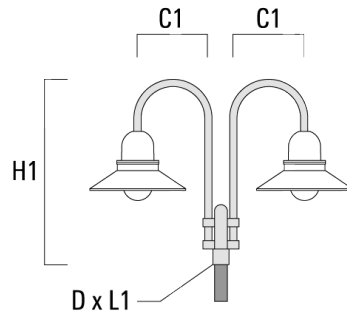


|                              |          |     |         |      |  |  |   |     |      |
|------------------------------|----------|-----|---------|------|--|--|---|-----|------|
| BA1-420 Pole bracket, single | 300-0099 | 420 | 76 x 80 | 1000 |  |  | 4 | 420 | 1000 |
|------------------------------|----------|-----|---------|------|--|--|---|-----|------|

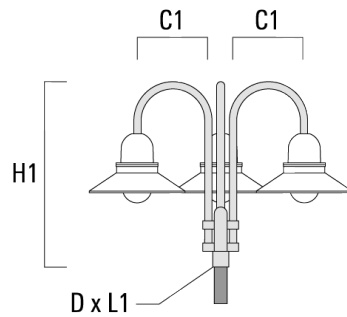


**AOP534 LED-FT**

| Description                  | Part ID  | C1  | D x L1  | H1   | H2 | M1 | Weight (kg) | C   | H    |
|------------------------------|----------|-----|---------|------|----|----|-------------|-----|------|
| BA2-420 Pole bracket, double | 300-0104 | 500 | 76 x 80 | 1000 |    |    | 8           | 500 | 1000 |

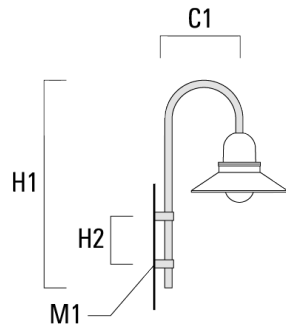


|                              |          |     |         |      |  |  |    |     |      |
|------------------------------|----------|-----|---------|------|--|--|----|-----|------|
| BA3-420 Pole bracket, triple | 300-0109 | 500 | 76 x 80 | 1000 |  |  | 10 | 500 | 1000 |
|------------------------------|----------|-----|---------|------|--|--|----|-----|------|

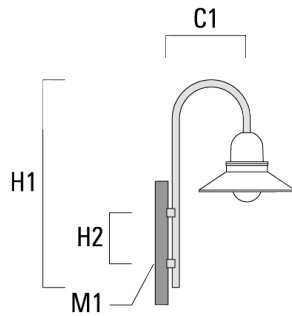


**Wall and pole brackets BC**

| Description                  | Part ID  | C1  | H1   | H2  | M1 | Weight (kg) | C   | H    |
|------------------------------|----------|-----|------|-----|----|-------------|-----|------|
| BC0-420 Wall bracket, single | 300-0808 | 460 | 1230 | 300 | 8  | 2.30        | 460 | 1230 |

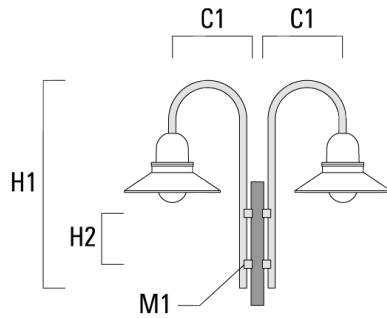


|                              |          |     |      |     |   |      |     |      |
|------------------------------|----------|-----|------|-----|---|------|-----|------|
| BC1-420 Pole bracket, single | 300-0768 | 500 | 1230 | 300 | 8 | 2.30 | 500 | 1230 |
|------------------------------|----------|-----|------|-----|---|------|-----|------|



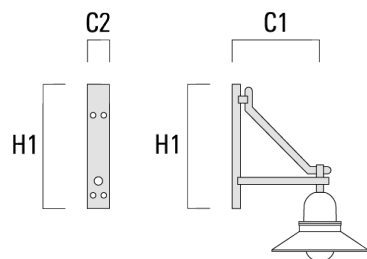
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| Description                  | Part ID  | C1  | H1   | H2  | M1 | Weight (kg) | C   | H    |
|------------------------------|----------|-----|------|-----|----|-------------|-----|------|
| BC2-420 Pole bracket, double | 300-0767 | 500 | 1230 | 300 | 8  | 4.60        | 500 | 1230 |



**Wall and pole brackets DA**

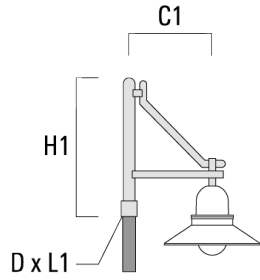
| Description                  | Part ID  | C1  | C2 | D × L1 | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----|--------|-----|-------------|-----|-----|
| DA0-500 Wall bracket, single | 300-0146 | 510 | 70 |        | 650 | 5.70        | 510 | 650 |



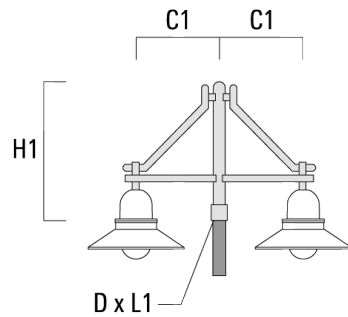


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| Description                  | Part ID  | C1  | C2 | D x L1  | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----|---------|-----|-------------|-----|-----|
| DA1-500 Pole bracket, single | 300-0138 | 510 |    | 76 x 80 | 700 | 5.70        | 510 | 700 |

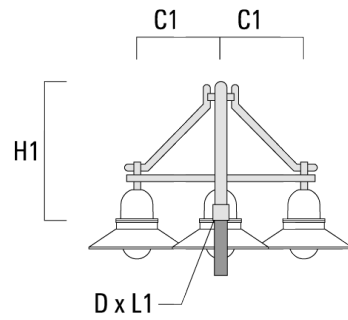


|                              |          |     |  |         |     |      |     |     |
|------------------------------|----------|-----|--|---------|-----|------|-----|-----|
| DA2-500 Pole bracket, double | 300-0141 | 510 |  | 76 x 80 | 700 | 8.30 | 510 | 700 |
|------------------------------|----------|-----|--|---------|-----|------|-----|-----|



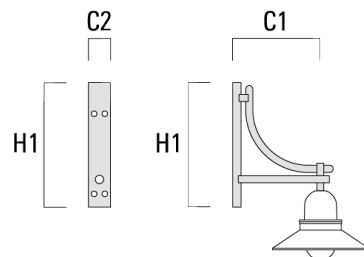
## AOP534 LED-FT

| Description                  | Part ID  | C1  | C2 | D × L1  | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----|---------|-----|-------------|-----|-----|
| DA3-500 Pole bracket, triple | 300-0144 | 510 |    | 76 x 80 | 700 | 10.90       | 510 | 700 |



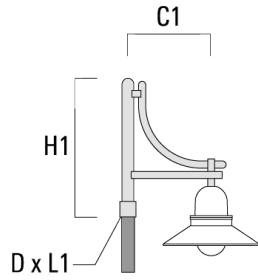
## Wall and pole brackets DB

| Description                  | Part ID  | C1  | C2 | D × L1 | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----|--------|-----|-------------|-----|-----|
| DB0-500 Wall bracket, single | 300-0169 | 510 | 70 |        | 650 | 5.50        | 510 | 650 |

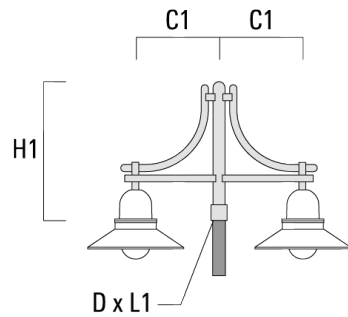


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| Description                  | Part ID  | C1  | C2 | D x L1  | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----|---------|-----|-------------|-----|-----|
| DB1-500 Pole bracket, single | 300-0190 | 510 |    | 76 x 80 | 700 | 5.50        | 510 | 700 |

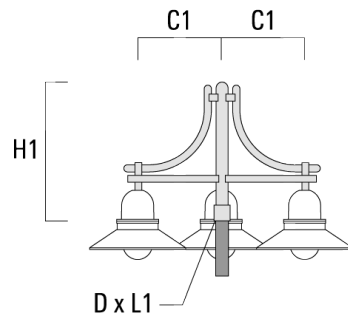


|                              |          |     |  |         |     |      |     |     |
|------------------------------|----------|-----|--|---------|-----|------|-----|-----|
| DB2-500 Pole bracket, double | 300-0191 | 510 |  | 76 x 80 | 700 | 7.90 | 510 | 700 |
|------------------------------|----------|-----|--|---------|-----|------|-----|-----|



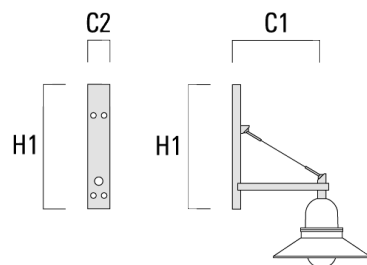
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| Description                  | Part ID  | C1  | C2 | D × L1  | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----|---------|-----|-------------|-----|-----|
| DB3-500 Pole bracket, triple | 300-0192 | 510 |    | 76 x 80 | 700 | 10.30       | 510 | 700 |



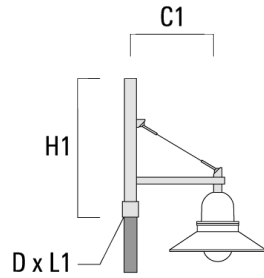
## Wall and pole brackets DS

| Description                  | Part ID  | C1  | C2 | D × L1 | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----|--------|-----|-------------|-----|-----|
| DS0-500 Wall bracket, single | 300-0064 | 510 | 70 |        | 650 | 2.50        | 510 | 650 |

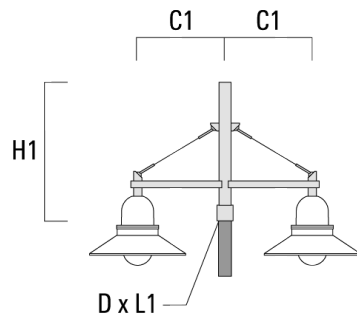


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| Description                  | Part ID  | C1  | C2 | D x L1  | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----|---------|-----|-------------|-----|-----|
| DS1-500 Pole bracket, single | 300-0063 | 510 |    | 76 x 80 | 725 | 3.90        | 510 | 725 |



|                              |          |     |  |         |     |      |     |     |
|------------------------------|----------|-----|--|---------|-----|------|-----|-----|
| DS2-500 Pole bracket, double | 300-0066 | 510 |  | 76 x 80 | 725 | 5.30 | 510 | 725 |
|------------------------------|----------|-----|--|---------|-----|------|-----|-----|

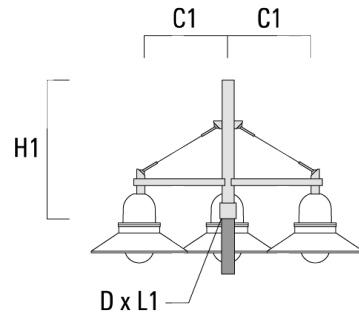


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| Description                  | Part ID  | C1  | C2 | D x L1  | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----|---------|-----|-------------|-----|-----|
| DS3-500 Pole bracket, triple | 300-0069 | 510 |    | 76 x 80 | 725 | 6.70        | 510 | 725 |



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