

PFL240 LED



Description

IP66, Class I. IK08. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Silicone rubber gaskets. Safety glass lens, hinged. PMMA OLC® LED optics for superior illumination and glare control. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering. DALI.

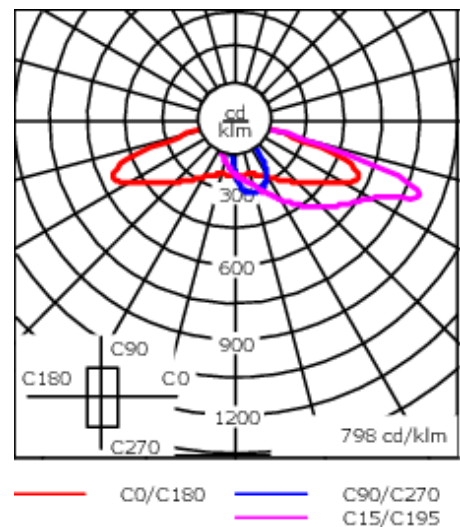
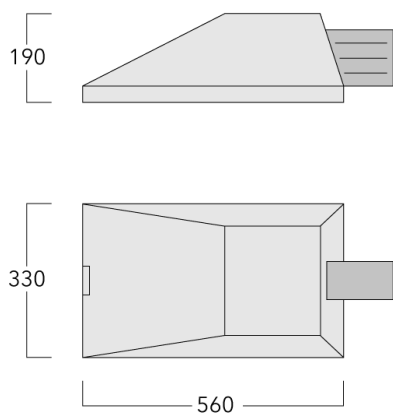
A professional lighting design in consultation with the relevant sections of AS/NZS-1158.4:2015 is essential for all applications with the [P45] lens.

Please note that the luminaire requires a mounting bracket for installation. This bracket needs to be ordered separately. Please choose from one of our various options listed under Mounting Accessories

|                    |                               |
|--------------------|-------------------------------|
| Weight             | 13.50 kg                      |
| Light distribution | pedestrian/bicycle lane [P65] |
| Light source       | LED-18/54W / 1050 mA - 3000 K |
| CRI                | 80                            |
| Power supply       | EC                            |
| LEDs               | 18                            |
| Rated input power  | 59 W                          |

| Nominal Lumen (lm) |      |
|--------------------|------|
| LED Lumen          | 430  |
| Total Lumen        | 7740 |
| Tj                 | 85   |

| Rated lumens (lm) |        |
|-------------------|--------|
| LED Lumen         | 333.5  |
| Total Lumen       | 6003.9 |
| Ta                | 25     |



Specifications  
Material description

|                      |                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Body                 | Marine-grade, die-cast aluminium alloy                                                                                                   |
| Lens                 | Safety glass lens, hinged                                                                                                                |
| Colours              | <div><div></div> RAL9004 Signal black</div> <div><div></div> RAL9006 White aluminium</div> <div><div></div> RAL9007 Grey aluminium</div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket                                                                                              |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware (unpainted)                                                                                  |
| Ingress protection   | IP66                                                                                                                                     |
| Impact resistance    | IK08                                                                                                                                     |
| Corrosion resistance | 5CE+Primer                                                                                                                               |
| Windage              | 0.075 m <sup>2</sup>                                                                                                                     |

Electrical description

|                  |                                                                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply     | 230V / 50 Hz                                                                                                                                             |
| Driver / Ballast | Integral EC electronic converter. DALI                                                                                                                   |
| Power factor     | > 0.9                                                                                                                                                    |
| Surge protection | In-pole surge protection SP10 device supplied. Please refer to WE-EF installation instructions for details. Use suffix +A for Integral surge protection. |

Additional information

|          |                                                                                                                                                                            |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lifetime | Ta=40° L90B10 > 90000h                                                                                                                                                     |
| Warranty | The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on <a href="http://www.we-ef.com">www.we-ef.com</a> for further details. |

Control

Eco Step Dim® Basic

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

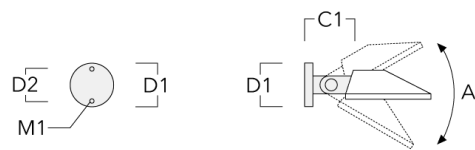
Eco Step Dim® Advanced

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

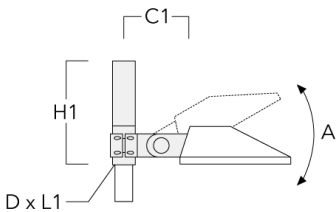
Mounting Accessories

Wall and pole brackets KI

| Description              | Part ID  | A    | C1  | D1  | D2  | H1 | M1 | Weight (kg) | Alpha | C   | D   | H   |
|--------------------------|----------|------|-----|-----|-----|----|----|-------------|-------|-----|-----|-----|
| KI0-240/260 Wall bracket | 108-0493 | ±30° | 210 | 180 | 140 |    | 12 | 5.70        | ±3°   | 210 | 180 | 180 |

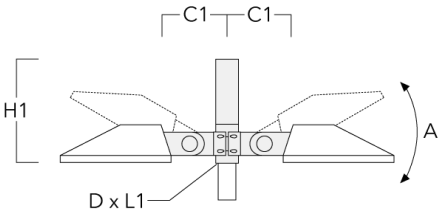


|                              |          |      |     |  |  |     |  |      |             |     |  |     |
|------------------------------|----------|------|-----|--|--|-----|--|------|-------------|-----|--|-----|
| KI1-240 Pole bracket, single | 108-0491 | ±30° | 210 |  |  | 525 |  | 6.90 | +15° / -30° | 210 |  | 525 |
|------------------------------|----------|------|-----|--|--|-----|--|------|-------------|-----|--|-----|



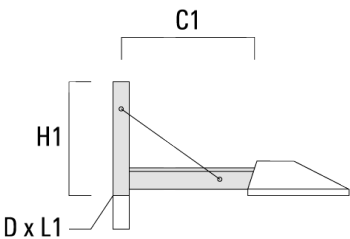
PFL240 LED

| Description                  | Part ID  | A    | C1  | D1 | D2 | H1  | M1 | Weight (kg) | Alpha       | C   | D | H   |
|------------------------------|----------|------|-----|----|----|-----|----|-------------|-------------|-----|---|-----|
| KI2-240 Pole bracket, double | 108-0492 | ±30° | 210 |    |    | 525 |    | 8.60        | +15° / -30° | 210 |   | 525 |



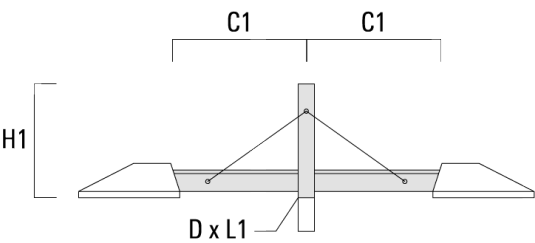
Pole brackets KL

| Description                  | Part ID  | C1  | D × L1   | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----------|-----|-------------|-----|-----|
| KL1-240 Pole bracket, single | 108-0342 | 735 | 76 x 130 | 750 | 9           | 725 | 750 |



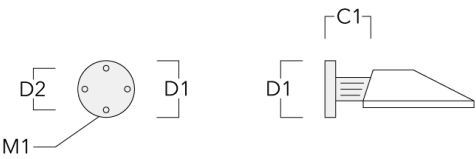
PFL240 LED

| Description                  | Part ID  | C1  | D × L1   | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----------|-----|-------------|-----|-----|
| KL2-240 Pole bracket, double | 108-0532 | 735 | 76 x 130 | 750 | 14          | 725 | 750 |



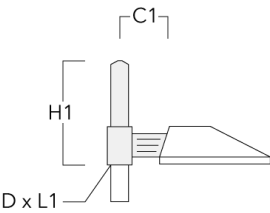
Wall and pole brackets KP

| Description          | Part ID  | C1  | D1  | D2  | D × L1 | H1 | M1 | Weight (kg) | C   | D   | H   |
|----------------------|----------|-----|-----|-----|--------|----|----|-------------|-----|-----|-----|
| KP0-240 Wall bracket | 108-0103 | 200 | 230 | 195 |        |    | 12 | 2           | 175 | 230 | 230 |

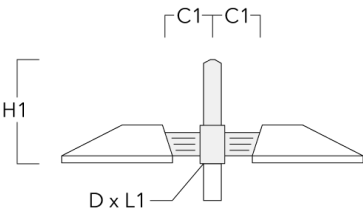


PFL240 LED

| Description                  | Part ID  | C1  | D1 | D2 | D × L1  | H1  | M1 | Weight (kg) | C   | D | H   |
|------------------------------|----------|-----|----|----|---------|-----|----|-------------|-----|---|-----|
| KP1-240 Pole bracket, single | 108-0104 | 215 |    |    | 76 x 80 | 575 |    | 3.80        | 175 |   | 575 |



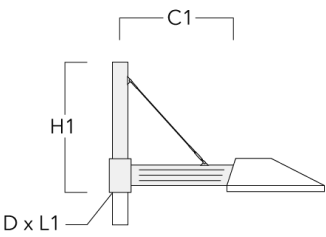
|                              |          |     |  |  |         |     |  |      |     |  |     |
|------------------------------|----------|-----|--|--|---------|-----|--|------|-----|--|-----|
| KP2-240 Pole bracket, double | 108-0105 | 215 |  |  | 76 x 80 | 575 |  | 3.80 | 175 |  | 575 |
|------------------------------|----------|-----|--|--|---------|-----|--|------|-----|--|-----|



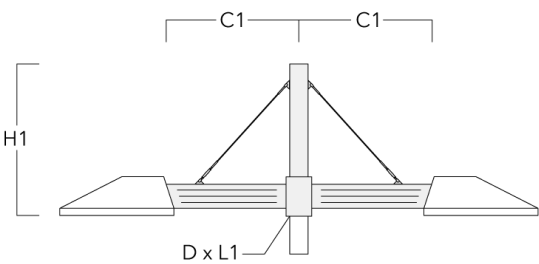


Pole brackets KP\_L

| Description                    | Part ID  | C1  | D × L1   | H1  | Weight (kg) | C   | H   |
|--------------------------------|----------|-----|----------|-----|-------------|-----|-----|
| KP1-L-240 Pole bracket, single | 108-0268 | 635 | 76 x 130 | 575 | 9.10        | 175 | 575 |

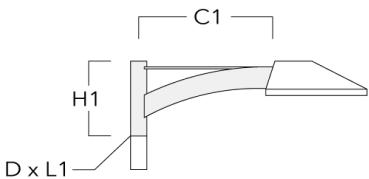


|                                |          |     |          |     |    |     |     |
|--------------------------------|----------|-----|----------|-----|----|-----|-----|
| KP2-L-240 Pole bracket, double | 108-0373 | 635 | 76 x 130 | 575 | 15 | 175 | 575 |
|--------------------------------|----------|-----|----------|-----|----|-----|-----|

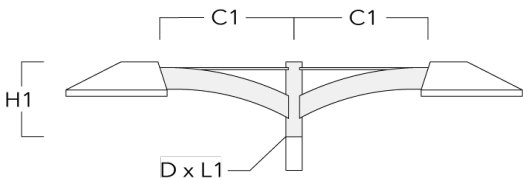


Pole brackets KX

| Description                  | Part ID  | C1  | D × L1   | H1  | Weight (kg) | C   | H   |
|------------------------------|----------|-----|----------|-----|-------------|-----|-----|
| KX1-240 Pole bracket, single | 108-0343 | 735 | 76 x 130 | 410 | 7           | 725 | 410 |

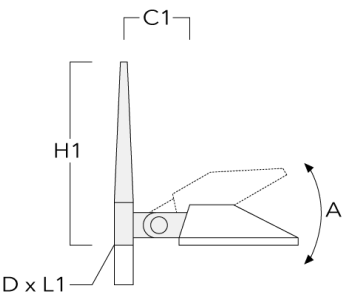


|                              |          |     |          |     |    |     |     |
|------------------------------|----------|-----|----------|-----|----|-----|-----|
| KX2-240 Pole bracket, double | 108-0534 | 735 | 76 x 130 | 410 | 11 | 725 | 410 |
|------------------------------|----------|-----|----------|-----|----|-----|-----|

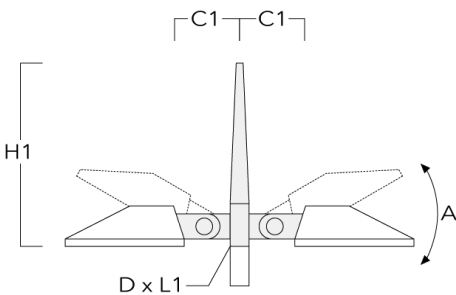


Pole brackets KY

| Description                  | Part ID  | A    | C1  | D × L1  | H1  | Weight (kg) | Alpha       | C   | H   |
|------------------------------|----------|------|-----|---------|-----|-------------|-------------|-----|-----|
| KY1-240 Pole bracket, single | 108-0500 | ±30° | 210 | 76 x 80 | 930 | 9.90        | +15° / -30° | 210 | 575 |

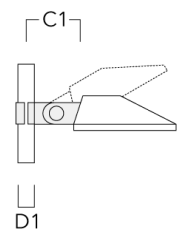


|                              |          |      |     |         |     |       |             |     |     |
|------------------------------|----------|------|-----|---------|-----|-------|-------------|-----|-----|
| KY2-240 Pole bracket, double | 108-0501 | ±30° | 210 | 76 x 80 | 730 | 12.80 | +15° / -30° | 210 | 575 |
|------------------------------|----------|------|-----|---------|-----|-------|-------------|-----|-----|

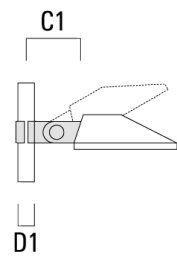


Pole clamp SI

| Description                              | Part ID  | C1  | D1    | Weight (kg) | C   |
|------------------------------------------|----------|-----|-------|-------------|-----|
| SI1-240/260 Pole clamp, single (Ø 76-89) | 108-0482 | 210 | 76-89 | 3.60        | 210 |

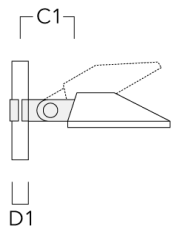


|                                            |          |     |         |      |     |
|--------------------------------------------|----------|-----|---------|------|-----|
| SI1-240/260 Pole clamp, single (Ø 114-133) | 108-0483 | 210 | 114-133 | 4.40 | 210 |
|--------------------------------------------|----------|-----|---------|------|-----|

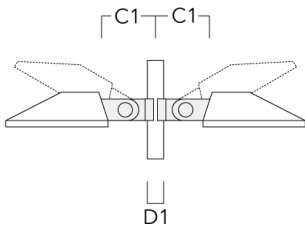


PFL240 LED

| Description                                | Part ID  | C1  | D1      | Weight (kg) | C   |
|--------------------------------------------|----------|-----|---------|-------------|-----|
| SI1-240/260 Pole clamp, single (Ø 102-114) | 108-0781 | 210 | 102-114 | 4           | 210 |

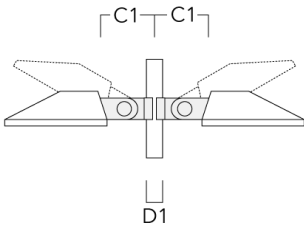


|                                          |          |     |       |      |     |
|------------------------------------------|----------|-----|-------|------|-----|
| SI2-240/260 Pole clamp, double (Ø 76-89) | 108-0484 | 210 | 76-89 | 5.20 | 210 |
|------------------------------------------|----------|-----|-------|------|-----|

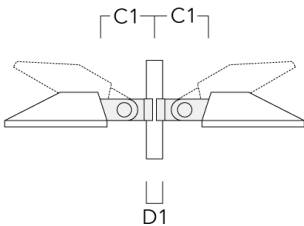


PFL240 LED

| Description                                | Part ID  | C1  | D1      | Weight (kg) | C   |
|--------------------------------------------|----------|-----|---------|-------------|-----|
| SI2-240/260 Pole clamp, double (Ø 114-133) | 108-0485 | 210 | 114-133 | 6.20        | 210 |

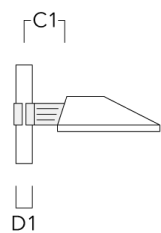


|                                            |          |     |         |      |     |
|--------------------------------------------|----------|-----|---------|------|-----|
| SI2-240/260 Pole clamp, double (Ø 102-114) | 108-0783 | 210 | 102-114 | 5.70 | 210 |
|--------------------------------------------|----------|-----|---------|------|-----|

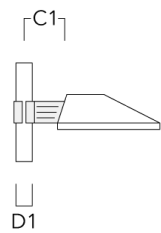


Pole clamp SK

| Description                            | Part ID  | C1  | D1      | Weight (kg) | C   |
|----------------------------------------|----------|-----|---------|-------------|-----|
| SK1-240 Pole clamp, single (Ø 102-114) | 108-0782 | 175 | 102-114 | 3.40        | 175 |

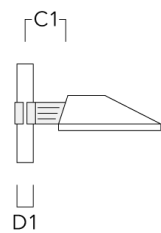


|                                      |          |     |       |   |     |
|--------------------------------------|----------|-----|-------|---|-----|
| SK1-240 Pole clamp, single (Ø 76-89) | 108-0788 | 175 | 76-89 | 3 | 175 |
|--------------------------------------|----------|-----|-------|---|-----|

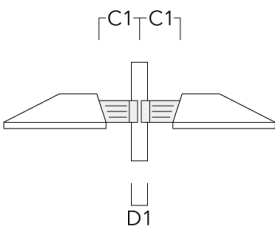


PFL240 LED

| Description                            | Part ID  | C1  | D1      | Weight (kg) | C   |
|----------------------------------------|----------|-----|---------|-------------|-----|
| SK1-240 Pole clamp, single (Ø 114-133) | 108-0789 | 175 | 114-133 | 3.80        | 175 |



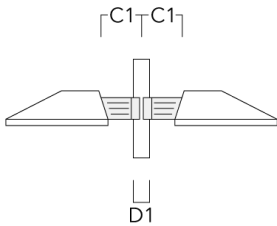
|                                        |          |     |         |      |     |
|----------------------------------------|----------|-----|---------|------|-----|
| SK2-240 Pole clamp, double (Ø 102-114) | 108-0784 | 175 | 102-114 | 4.30 | 175 |
|----------------------------------------|----------|-----|---------|------|-----|



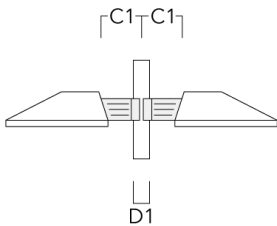


PFL240 LED

| Description                          | Part ID  | C1  | D1    | Weight (kg) | C   |
|--------------------------------------|----------|-----|-------|-------------|-----|
| SK2-240 Pole clamp, double (Ø 76-89) | 108-0790 | 175 | 76-89 | 3.90        | 175 |



|                                        |          |     |         |      |     |
|----------------------------------------|----------|-----|---------|------|-----|
| SK2-240 Pole clamp, double (Ø 114-133) | 108-0791 | 175 | 114-133 | 4.70 | 175 |
|----------------------------------------|----------|-----|---------|------|-----|



Optical Accessories

Light shield

| Description | Part ID  | Additional information                                                                                                                                                                       |
|-------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LS180-[A60] | 003-4018 | Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [A60] lenses. Must be specified at time of ordering.                             |
| LS180       | 003-4019 | 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. |