

**108-1710**

**PFL240 LED**

**we-ef**



**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-18/36W / 700 mA - 4000 K
CRI	80
Power supply	EC
LEDs	18
Rated input power	43 W

**Nominal Lumen (lm)**

LED Lumen	245.9
Total Lumen	4427
Tj	85

**Rated lumens (lm)**

LED Lumen	190.8
Total Lumen	3434
Ta	25

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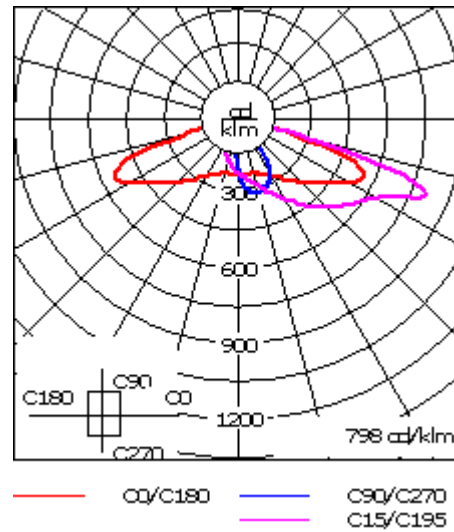
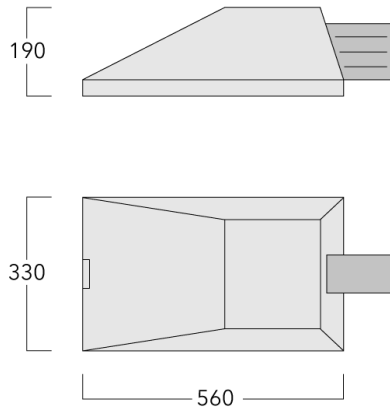
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## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens, hinged
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium
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.

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**Additional information**

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Lifetime Ta=40° L90B10 > 90000h

Warranty The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on [www.we-ef.com](http://www.we-ef.com) for further details.

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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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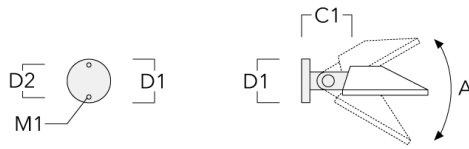
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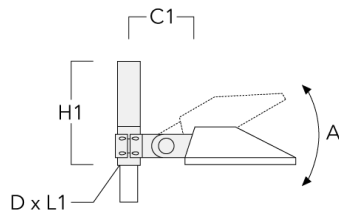
**Mounting Accessories**

**Wall and pole brackets KI**

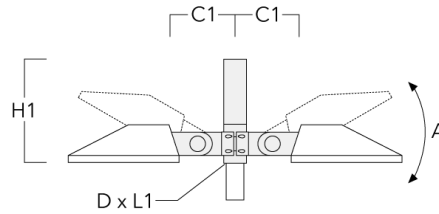
Description	Part ID	A	C1	D1	D2	H1	M1	Weight (kg)	Alpha	C	D	H
K10-240/260 Wall bracket	108-0493	±30°	210	180	140		12	5.70	±3°	210	180	180



K11-240 Pole bracket, single	108-0491	±30°	210			525		6.90	+15° / -30°	210		525
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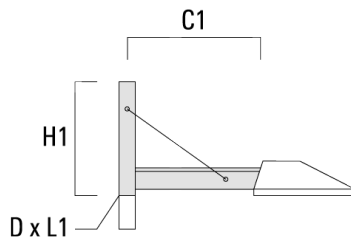


Description	Part ID	A	C1	D1	D2	H1	M1	Weight (kg)	Alpha	C	D	H
KI2-240 Pole bracket, double	108-0492	±30°	210			525		8.60	+15° / -30°	210		525

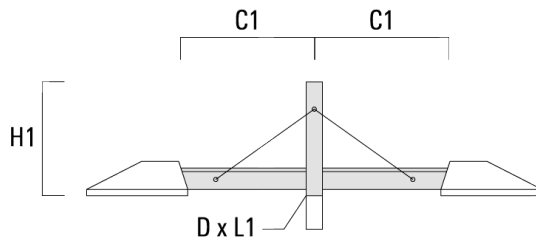


**Pole brackets KL**

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

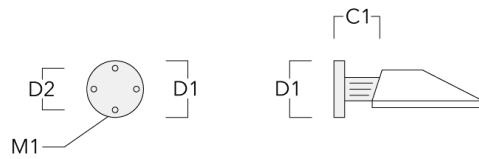


Description	Part ID	C1	D × L1	H1	Weight (kg)	C	H
KL2-240 Pole bracket, double	108-0532	735	76 x 130	750	14	725	750



**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



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



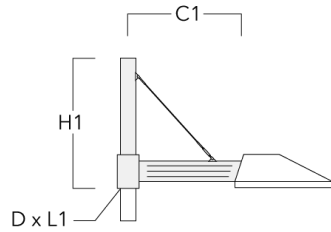
KP2-240 Pole bracket, double	108-0105	215			76 x 80	575		3.80	175		575
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**Pole brackets KP\_L**

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

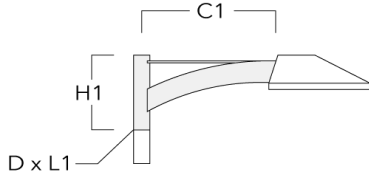


KP2-L-240 Pole bracket, double	108-0373	635	76 x 130	575	15	175	575
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**Pole brackets KX**

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

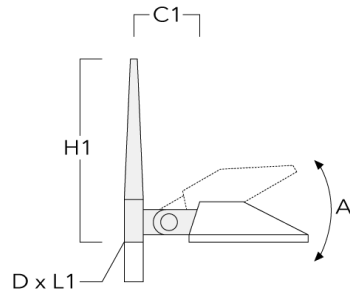


KX2-240 Pole bracket, double	108-0534	735	76 x 130	410	11	725	410
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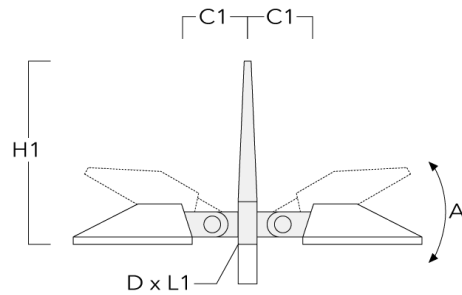


**Pole brackets KY**

Description	Part ID	A	C1	D x 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
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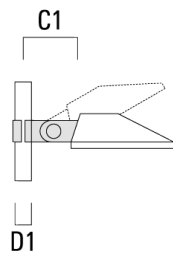
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**Pole clamp SI**

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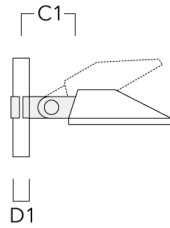
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Description	Part ID	C1	D1	Weight (kg)	C
SI1-240/260 Pole clamp, single (Ø 102-114)	108-0781	210	102-114	4	210

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

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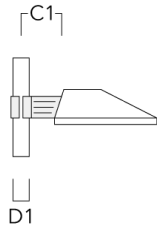
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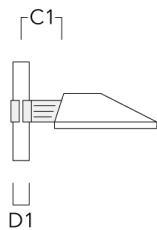
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**Pole clamp SK**

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
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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
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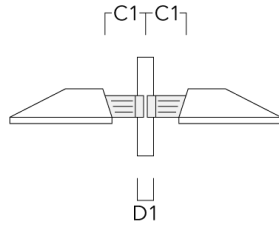


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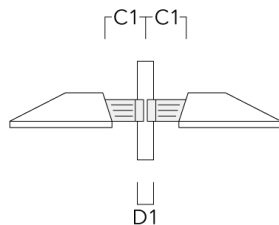
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Description	Part ID	C1	D1	Weight (kg)	C
SK2-240 Pole clamp, double (Ø 76-89)	108-0790	175	76-89	3.90	175



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