



### Description

Tunable white projector. IP66. Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG\_R\_ Controlled Compression Gasket. Two cable glands.

Integral EC electronic converter in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. OLC\_R\_ One LED Concept. LED circuit board with Tunable White Technology.

DALI Interface . For other control interface options to suit specific project requirements, contact WE-EF.

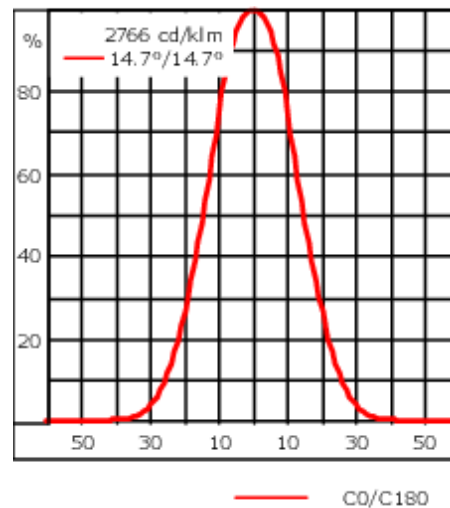
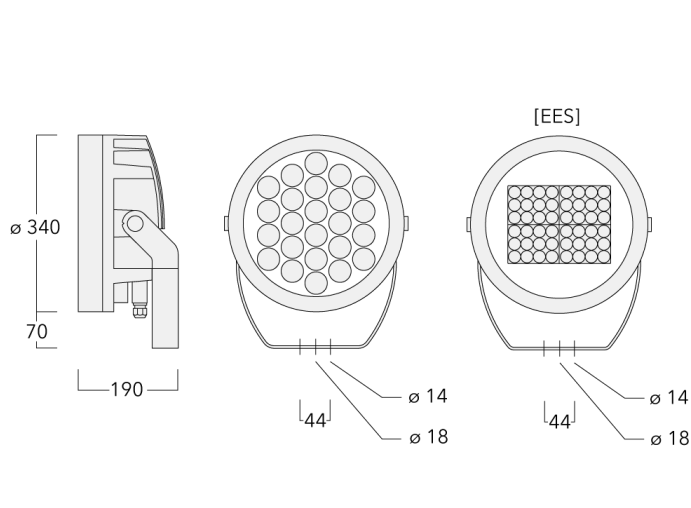
Weight	13.80 kg
Light distribution	symmetric, medium beam [M]
Light source	LED-24/88W - 2200-6000 K
CRI	80
Power supply	EC
LEDs	24
Rated input power	102 W

### Nominal Lumen (lm)

LED Lumen	420
Total Lumen	10080
Tj	85

### Rated lumens (lm)

LED Lumen	338.2
Total Lumen	8116
Ta	25



**Specifications**

**Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Signal black</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <span>RAL9007 Grey aluminium</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #404040; margin-right: 5px;"></div> <span>RAL7016 Anthracite grey</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> <span>RAL9016 Traffic white</span> </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.090 m <sup>2</sup>

**Electrical description**

Driver / Ballast	DALI
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**Additional information**

Lifetime	Ta=25° L90B10 > 90000h
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**Mounting Accessories**

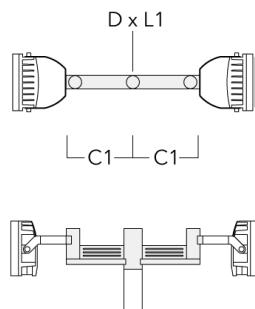
**Planted root**

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85



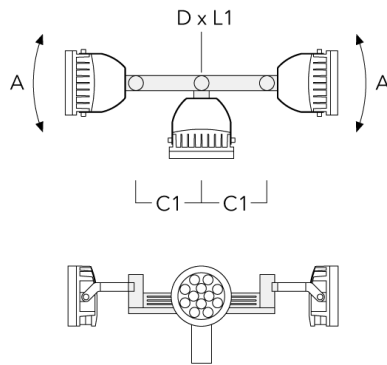
**Floodlight mounting bracket TA**

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA2-L Mounting bracket, double (Ø 76 x 200)	147-0105	±90°	420	76 x 200	16.10	76 x 200

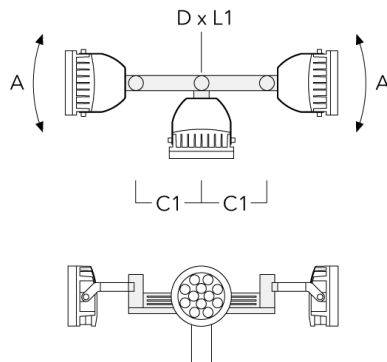


**FLC240-TW LED**

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA3 Mounting bracket, triple (Ø 89 x 200)	147-0025	±90°	650	89 x 200	17.90	89 x 200

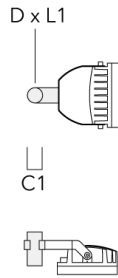


TA4 Mounting bracket, quad (Ø 89 x 200)	147-0099	±90°	650	89 x 200	20.80	89 x 200
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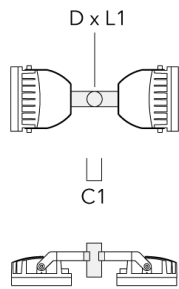


**FLC240-TW LED**

Description	Part ID	A	C1	D × L1	Weight (kg)	D × S
TA1 Mounting bracket, single (Ø 108 x 200)	147-0096		130	108 x 200	7.50	108 x 200

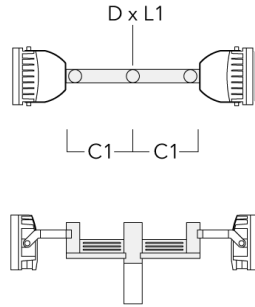


TA2 Mounting bracket, double (Ø 108 x 200)	147-0097		130	108 x 200	7.50	108 x 200
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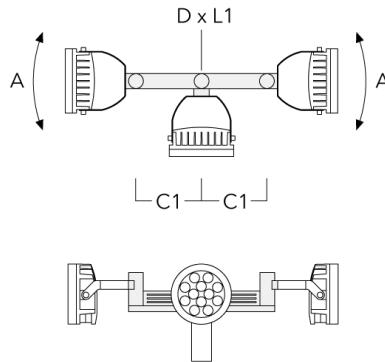


**FLC240-TW LED**

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA2-L Mounting bracket, double (Ø 108 x 200)	147-0148	±90°	420	108 x 200	20.20	108 x 200



TA3 Mounting bracket, triple (Ø 108 x 200)	147-0098	±90°	650	108 x 200	24.20	108 x 200
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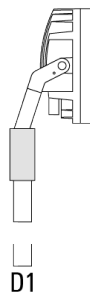
**FLC240-TW LED**

Description	Part ID	A	C1	D × L1	Weight (kg)	D × S
TA4 Mounting bracket, quad (Ø 108 x 200)	147-0100	±90°	650	108 x 200	24.20	108 x 200



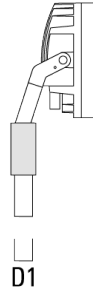
**Spigot cap**

Description	Part ID	D1	Weight (kg)	D
KF1-60/M16	310-9120	60x100	2.00	60 x 100



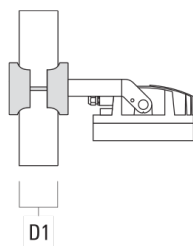
## FLC240-TW LED

Description	Part ID	D1	Weight (kg)	D
KF1-76/M16	310-9121	76 x 100	2.00	76 x 100



## Pole clamp SP - Tiltable

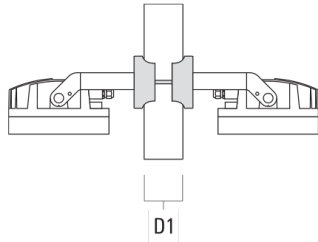
Description	Part ID	D1	Weight (kg)	D
Pole clamp SP1-M16, single (Ø 76-89)	146-0242	76-89	1.30	76-89



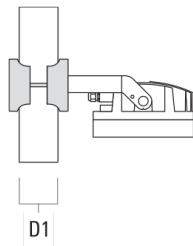


## FLC240-TW LED

Description	Part ID	D1	Weight (kg)	D
Pole clamp SP2-M16, double (Ø 76-89)	146-0244	76-89	1.50	



Pole clamp SP1-M16, single (Ø 38-60)	146-0241	38-60	1.30	
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Pole clamp SP2-M16, double (Ø 38-60)	146-0243	38-60	1.50	
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## Junction box

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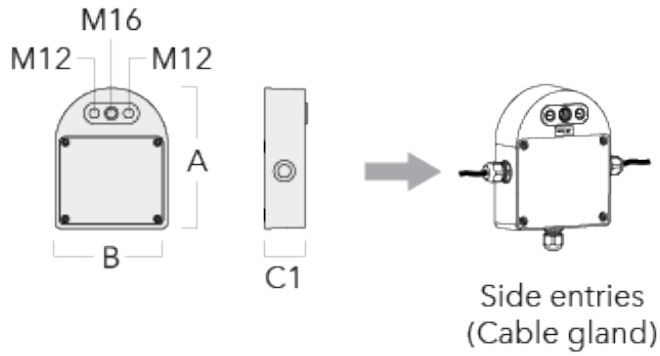
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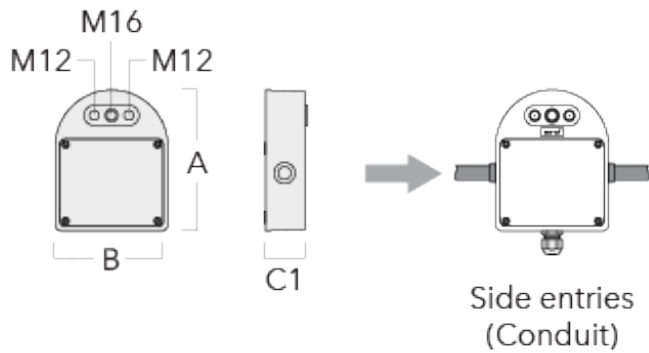
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**FLC240-TW LED**

Description	Part ID	Additional information	A	B	C1	Weight (kg)
Junction box JB20 - Cable side entries	310-9013	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with cable glands.	180	143	51	1.02

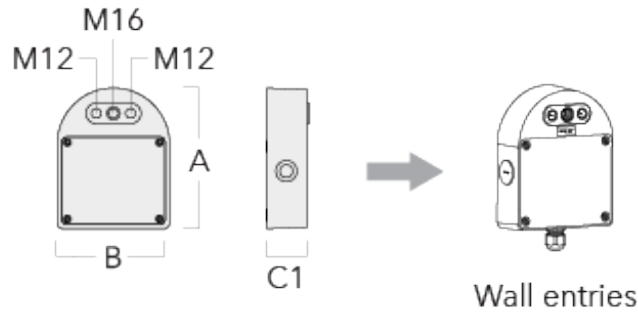


Junction box JB20 - Conduit side entries	310-9014	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with conduits.	180	143	51	1.02
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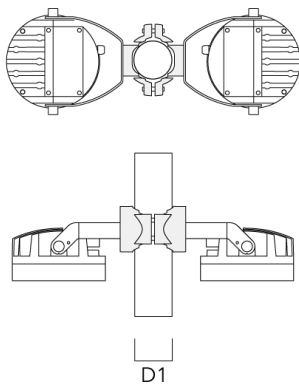
**FLC240-TW LED**

Description	Part ID	Additional information	A	B	C1	Weight (kg)
Junction box JB20 - Wall entries	310-9018	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For wall entries.	180	143	51	1.02



**Pole clamp PC - Rotatable**

Description	Part ID	D1	Weight (kg)
PC2 76-89/60 Pole clamp, double (Ø 76-89)	139-2703	76-89	1.00



**FLC240-TW LED**

Description	Part ID	D1	Weight (kg)
PC1 76-89/60 Pole clamp, single (Ø 76-89)	139-2702	76-89	1.00

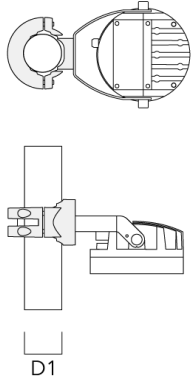


PC2 102-114/60 Pole clamp, double (Ø 102-114)	139-2707	102-114	1.20
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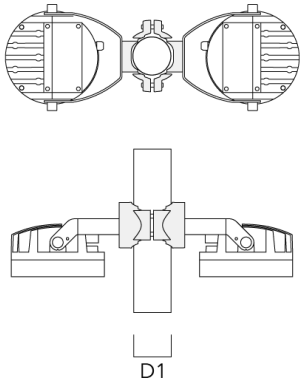


**FLC240-TW LED**

Description	Part ID	D1	Weight (kg)
PC1 102-114/60 Pole clamp, single (Ø 102-114)	139-2706	102-114	1.20



PC2 114-133/60 Pole clamp, double (Ø 114-133)	139-2709	114-133	1.40
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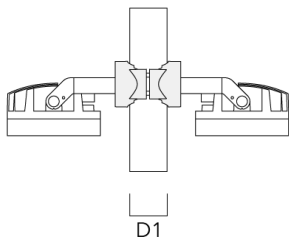


**FLC240-TW LED**

Description	Part ID	D1	Weight (kg)
PC1 114-133/60 Pole clamp, single (Ø 114-133)	139-2708	114-133	1.40



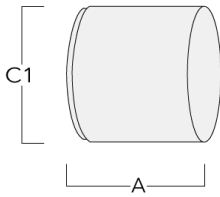
PC2 82-109/60 Pole camp, double (Ø 82-109)	139-2705	82-109	1.10
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## Optical Accessories

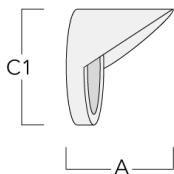
### Snoot

Description	Part ID	A	C1
Snoot ET	139-1859	200	346



### Glare shield

Description	Part ID	A	C1
Glare shield ES	139-1858	200	346



### Wallwash lens

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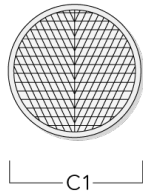
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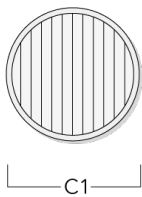
**FLC240-TW LED**

Description	Part ID	Additional information	C1
Wallwash lens IO-20	139-1854-AP	for symmetric [M] medium beam luminaire only	289



**Linear spread lens**

Description	Part ID	C1
Linear spread lens IO-180	139-1855	289



**Flood lens**

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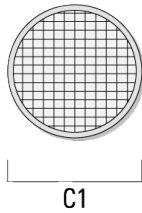


**FLC240-TW LED**

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Description	Part ID	C1
Flood lens IO-360	139-1856	289

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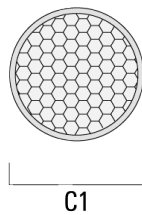
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**Honeycomb louvre**

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Description	Part ID	C1
Honeycomb louvre IW	139-1857	279

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**139-2048**

**FLC240-TW LED**

**we-ef**

## Control

### DMX Wireless Repeater

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Description	Part ID
DMX Wireless Repeater	400-0477

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### DMX Wireless Transceiver

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Description	Part ID
DMX Wireless Transceiver	400-0476

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## R2C Ready to Connect

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**139-2048**

**FLC240-TW LED**

**we-ef**

Description	Part ID
R2C Ready to Connect (top)	430-0019

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**139-2048**

**FLC240-TW LED**

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