

107-0084

EFL540 LED

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Description

IP66, Class I. Class II on request. IK08. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens, hinged. Integral EC electronic converter. DALI. CAD-optimised OLC® PMMA lens. Integrated surge protection 6/6kV.

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

Weight	9.90 kg
Light distribution	asymmetric, side throw beam [S65]
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

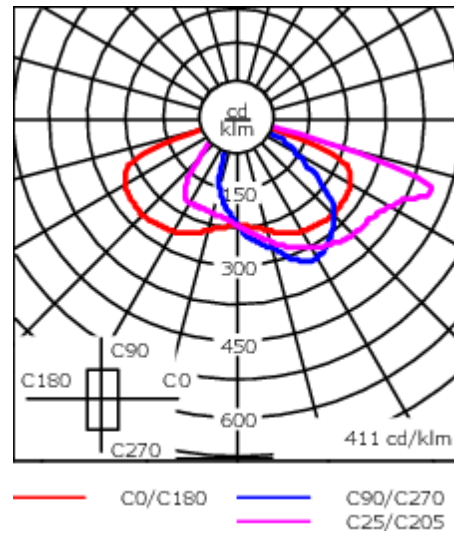
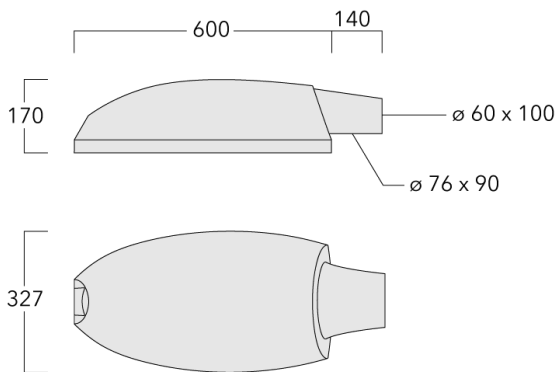
Rated lumens (lm)

LED Lumen	344.6
Total Lumen	6202
Ta	25

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Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens, hinged
Colours	<div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> RAL9004 Signal black </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> RAL9006 White aluminium </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> RAL9007 Grey aluminium </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 15px; background-color: #333333; margin-right: 5px;"></div> RAL7016 Anthracite grey </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> RAL9016 Traffic white </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.098 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)

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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

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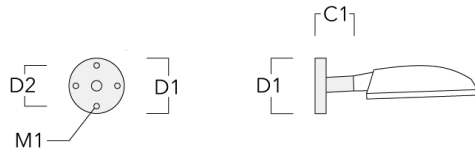
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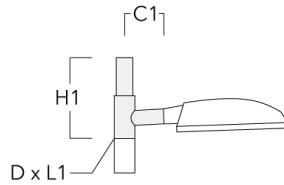
Mounting Accessories

Wall and pole brackets RE

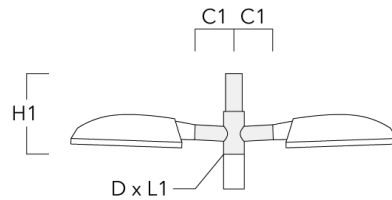
Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
RE0-540 Wall bracket	111-0084	180	230	195			12	3.20	140	



RE1-540 Pole bracket, single	111-0042	200			76 x 130	550		4.60	200	550
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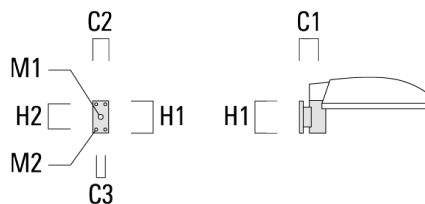


Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
RE2-540 Pole bracket, double	111-0043	200			76 x 130	550		5.30	200	550

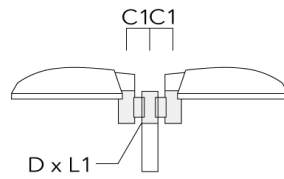


Wall and pole brackets RV

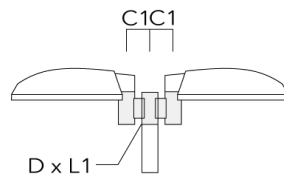
Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (kg)	C	D	H
RV0 Wall bracket	108-0979	RV0 Wall bracket	108	100	60			200	160	38	12	2.00	108		



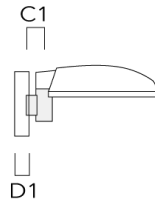
Description	Part ID	Additional information	C1	C2	C3	D1	D x L1	H1	H2	M1	M2	Weight (kg)	C	D	H
RV2-76 Pole bracket, double	108-0980	147					76 x 100					4.80	147	76	200



RV2-60 Pole bracket, double	108-0981	147					60 x 100					4.80	147	60	200
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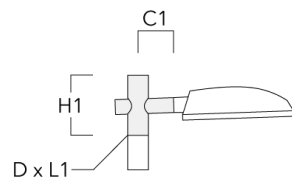


Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (kg)	C	D	H
RV5 Pole bracket	108-0982	108				76-240						1.70	106		200

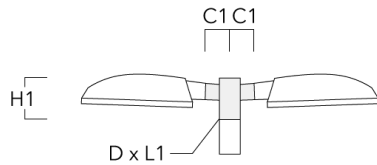


Pole brackets RF

Description	Part ID	C1	D × L1	H1	Weight (kg)	C	H
RF1-540 Pole bracket, single	111-0046	200	76 x 80	200	2.60	200	300

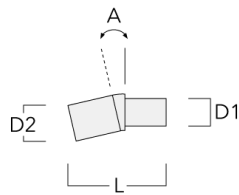


Description	Part ID	C1	D × L1	H1	Weight (kg)	C	H
RF2-540 Pole bracket, double	111-0047	200	76 x 80	200	3.30	200	300



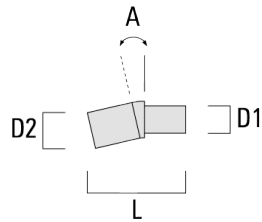
Tilt brackets TB

Description	Part ID	A	D1	D2	L	Weight (kg)
TB-540.60-10 Tilt bracket 10°	111-0636	10°	60 x 90	60 x 100	205	0.70



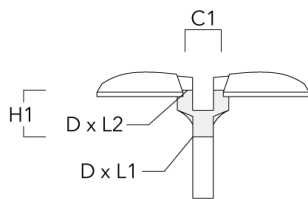
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Description	Part ID	A	D1	D2	L	Weight (kg)
TB-540.60-15 Tilt bracket 15°	111-0637	15°	60 x 90	60 x 100	205	0.70



Post top fitter AKV

Description	Part ID	C1	D × L1	D × L2	H1	Weight (kg)
AKV2-76	300-0053	180	76x100	67x	235	1.50



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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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