

Description

IP66, Class I or Class II. IK08. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Silicone CCG® Controlled Compression Gasket. UV stabilised acrylic panel in RFC® technology. Integrated heat sinks. Easy removal and replacement of LED board. CAD optimised OLC® PMMA lens for superior illumination and glare control. DALI. The luminaire is factory-sealed and does not need to be opened during the installation. PC Amber and 2200 K available on request or as 'Wild-Light' 2200 K combined with 3000 K with Eco Step Dim® Advanced or Motion available on request, must be specified at time of ordering.

Max drive current:

PC Amber - 700 mA

2200 K - 1050 mA (CRI70 only)

Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

Spigot D = 60 x 80 mm or D = 76 x 80 mm (to be specified at order placement).

A professional lighting design in consultation with the

VFL540 LED

Pole mounted

we-ef




relevant sections of AS/NZS-1158.4:2015 is essential for all applications with the [P45] lens.

WE-EF LIGHTING Pty Ltd

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info.australia@we-ef.com - <https://we-ef.com/aus>

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Specifications**Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	UV stabilised acrylic panel in RFC™ Reflection Free Contour technology
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	0.146 m ²

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 www.we-ef.com for further details.

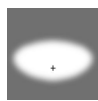
VFL540 LED

Pole mounted

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Options

Light distribution



asymmetric, side throw [S60]



asymmetric, side throw [S70]



asymmetric, forward throw [A60]



asymmetric, side throw [S65]



rectangular, side throw [R65]



pedestrian crossing, left-hand traffic [P45L]



pedestrian crossing, right-hand traffic [P45R]



pedestrian/bicycle lane [P65]

Colour temperature



3000 K



4000 K



2700 K

Nominal Watt

29 W

42 W

49 W

58 W

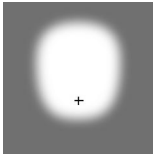
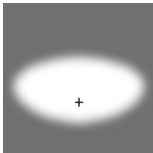
86 W

1 W

15 W

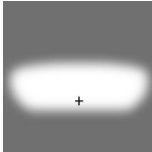
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Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	108-0926	LED-24/24W / 350 mA - 4000 K	3566.2	26.5 W	80	7.80
	108-0929	LED-36/36W / 350 mA - 4000 K	5349.3	39 W	80	8.20
	108-0932	LED-42/42W / 350 mA - 4000 K	6240.9	46 W	80	8.20
	108-0938	LED-24/48W / 700 mA - 4000 K	6145.6	54 W	80	7.80
	108-0941	LED-36/72W / 700 mA - 4000 K	9218.5	79 W	80	8.20
	108-0944	LED-42/84W / 700 mA - 4000 K	10754.9	96 W	80	8.20
	108-1057	LED-24/24W / 350 mA - 3000 K	3251.5	26.5 W	80	7.80
	108-1059	LED-24/48W / 700 mA - 3000 K	5749.1	54 W	80	7.80
	108-1061	LED-36/36W / 350 mA - 3000 K	4877.3	39 W	80	8.20
	108-1063	LED-36/72W / 700 mA - 3000 K	8623.7	79 W	80	8.20
	108-1065	LED-42/42W / 350 mA - 3000 K	5690.2	46 W	80	8.20
	108-1067	LED-42/84W / 700 mA - 3000 K	10061	96 W	80	8.20
	108-1859	LED-36/108W / 1050 mA - 4000 K	13352.6	119 W	80	8.20
	108-1865	LED-36/108W / 1050 mA - 3000 K	12759.2	119 W	80	8.20
	108-2088	LED-42/126W / 1050 mA - 3000 K	14885.7	136 W	80	8.20
	108-2089	LED-42/126W / 1050 mA - 4000 K	15578.1	136 W	80	8.20
	108-2382	LED-24/24W / 350 mA - 2700 K	3041.8	26.5 W	80	7.80
	108-2383	LED-24/48W / 700 mA - 2700 K	5352.6	54 W	80	7.80
	108-2384	LED-36/36W / 350 mA - 2700 K	4562.6	39 W	80	8.20
	108-2385	LED-36/72W / 700 mA - 2700 K	8029	79 W	80	8.20
108-2386	LED-36/108W / 1050 mA - 2700 K	12165.7	119 W	80	8.20	
108-2387	LED-42/42W / 350 mA - 2700 K	5323.1	46 W	80	8.20	
108-2389	LED-42/126W / 1050 mA - 2700 K	14193.4	136 W	80	8.20	
asymmetric, side throw [S60] 	108-0842	LED-24/24W / 350 mA - 3000 K	3491.8	26.5 W	80	7.80
	108-0846	LED-36/36W / 350 mA - 3000 K	5237.7	39 W	80	8.20
	108-0850	LED-42/42W / 350 mA - 3000 K	6110.7	46 W	80	8.20
	108-0875	LED-24/24W / 350 mA - 4000 K	3829.7	26.5 W	80	7.80
	108-0877	LED-36/36W / 350 mA - 4000 K	5744.6	39 W	80	8.20
	108-0879	LED-42/42W / 350 mA - 4000 K	6702	46 W	80	8.20
	108-0901	LED-24/48W / 700 mA - 4000 K	6701	54 W	80	7.80
	108-0902	LED-24/48W / 700 mA - 3000 K	6268.7	54 W	80	7.80
	108-0907	LED-36/72W / 700 mA - 4000 K	10051.6	79 W	80	8.20
	108-0908	LED-36/72W / 700 mA - 3000 K	9403.1	79 W	80	8.20
	108-0913	LED-42/84W / 700 mA - 4000 K	11726.8	96 W	80	8.20
	108-0914	LED-42/84W / 700 mA - 3000 K	10970.2	96 W	80	8.20

VFL540 LED

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-1857	LED-36/108W / 1050 mA - 4000 K	14442.3	119 W	80	8.20
	108-1863	LED-36/108W / 1050 mA - 3000 K	13800.4	119 W	80	8.20
	108-2092	LED-42/126W / 1050 mA - 3000 K	16100.5	136 W	80	8.20
	108-2093	LED-42/126W / 1050 mA - 4000 K	16849.3	136 W	80	8.20
	108-2350	LED-24/24W / 350 mA - 2700 K	3266.5	26.5 W	80	7.80
	108-2351	LED-24/48W / 700 mA - 2700 K	5836.4	54 W	80	7.80
	108-2352	LED-36/36W / 350 mA - 2700 K	4899.8	39 W	80	8.20
	108-2353	LED-36/72W / 700 mA - 2700 K	8754.6	79 W	80	8.20
	108-2354	LED-36/108W / 1050 mA - 2700 K	13158.5	119 W	80	8.20
	108-2355	LED-42/42W / 350 mA - 2700 K	5716.4	46 W	80	8.20
	108-2356	LED-42/84W / 700 mA - 2700 K	10213.7	96 W	80	8.20
	108-2357	LED-42/126W / 1050 mA - 2700 K	15351.6	136 W	80	8.20
asymmetric, side throw [S65]	108-0967	LED-24/24W / 350 mA - 4000 K	3836.2	26.5 W	80	7.80
	108-0968	LED-24/48W / 700 mA - 4000 K	6763.7	54 W	80	7.80
	108-0969	LED-36/36W / 350 mA - 4000 K	5754.4	39 W	80	8.20
	108-0970	LED-36/72W / 700 mA - 4000 K	10145.6	79 W	80	8.20
	108-0971	LED-42/42W / 350 mA - 4000 K	6713.4	46 W	80	8.20
	108-0972	LED-42/84W / 700 mA - 4000 K	11836.5	96 W	80	8.20
	108-1081	LED-24/24W / 350 mA - 3000 K	3497.7	26.5 W	80	7.80
	108-1083	LED-24/48W / 700 mA - 3000 K	6327.3	54 W	80	7.80
	108-1085	LED-36/36W / 350 mA - 3000 K	5246.6	39 W	80	8.20
	108-1087	LED-36/72W / 700 mA - 3000 K	9491	79 W	80	8.20
	108-1089	LED-42/42W / 350 mA - 3000 K	6121.1	46 W	80	8.20
	108-1091	LED-42/84W / 700 mA - 3000 K	11072.8	96 W	80	8.20
	108-1856	LED-36/108W / 1050 mA - 4000 K	14725	119 W	80	8.20
	108-1862	LED-36/108W / 1050 mA - 3000 K	14070.5	119 W	80	8.20
	108-2094	LED-42/126W / 1050 mA - 3000 K	16415.6	136 W	80	8.20
	108-2095	LED-42/126W / 1050 mA - 4000 K	17179.1	136 W	80	8.20
	108-2358	LED-24/24W / 350 mA - 2700 K	3272.1	26.5 W	80	7.80
	108-2359	LED-24/48W / 700 mA - 2700 K	5891	54 W	80	7.80
	108-2360	LED-36/36W / 350 mA - 2700 K	4908.1	39 W	80	8.20
	108-2361	LED-36/72W / 700 mA - 2700 K	8836.5	79 W	80	8.20
	108-2362	LED-36/108W / 1050 mA - 2700 K	13416.1	119 W	80	8.20
	108-2363	LED-42/42W / 350 mA - 2700 K	5726.1	46 W	80	8.20
	108-2364	LED-42/84W / 700 mA - 2700 K	10309.2	96 W	80	8.20
	108-2365	LED-42/126W / 1050 mA - 2700 K	15652.1	136 W	80	8.20

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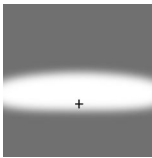
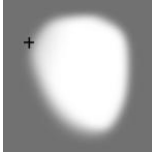
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VFL540 LED

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, side throw [S70] 	108-0854	LED-24/24W / 350 mA - 3000 K	3423	26.5 W	80	7.80
	108-0858	LED-36/36W / 350 mA - 3000 K	5134.5	39 W	80	8.20
	108-0862	LED-42/42W / 350 mA - 3000 K	5990.2	46 W	80	8.20
	108-0881	LED-24/24W / 350 mA - 4000 K	3754.3	26.5 W	80	7.80
	108-0883	LED-36/36W / 350 mA - 4000 K	5631.4	39 W	80	8.20
	108-0885	LED-42/42W / 350 mA - 4000 K	6569.9	46 W	80	8.20
	108-0904	LED-24/48W / 700 mA - 4000 K	6585.8	54 W	80	7.80
	108-0905	LED-24/48W / 700 mA - 3000 K	6160.9	54 W	80	7.80
	108-0910	LED-36/72W / 700 mA - 4000 K	9878.6	79 W	80	8.20
	108-0911	LED-36/72W / 700 mA - 3000 K	9241.3	79 W	80	8.20
	108-0916	LED-42/84W / 700 mA - 4000 K	11525.1	96 W	80	8.20
	108-0917	LED-42/84W / 700 mA - 3000 K	10781.5	96 W	80	8.20
	108-1861	LED-36/108W / 1050 mA - 3000 K	13585.4	119 W	80	8.20
	108-1923	LED-36/108W / 1050 mA - 4000 K	14217.3	119 W	80	8.20
	108-2096	LED-42/126W / 1050 mA - 3000 K	15849.6	136 W	80	8.20
	108-2097	LED-42/126W / 1050 mA - 4000 K	16586.8	136 W	80	8.20
	108-2367	LED-24/24W / 350 mA - 2700 K	3202.2	26.5 W	80	7.80
	108-2368	LED-24/48W / 700 mA - 2700 K	5736	54 W	80	7.80
	108-2369	LED-36/36W / 350 mA - 2700 K	4803.2	39 W	80	8.20
	108-2370	LED-36/72W / 700 mA - 2700 K	8604	79 W	80	8.20
	108-2371	LED-36/108W / 1050 mA - 2700 K	12953.5	119 W	80	8.20
	108-2372	LED-42/42W / 350 mA - 2700 K	5603.8	46 W	80	8.20
	108-2373	LED-42/84W / 700 mA - 2700 K	10038	96 W	80	8.20
	108-2374	LED-42/126W / 1050 mA - 2700 K	15112.4	136 W	80	8.20
pedestrian crossing, left-hand traffic [P45L] 	108-1983	LED-36/72W / 700 mA - 3000 K	9127.9	79 W	80	8.20
	108-1984	LED-36/72W / 700 mA - 4000 K	9757.4	79 W	80	8.20
	108-1987	LED-42/84W / 700 mA - 3000 K	10649.2	96 W	80	8.20
	108-1988	LED-42/84W / 700 mA - 4000 K	11383.6	96 W	80	8.20
	108-2528	LED-36/72W / 700 mA - 2700 K	8498.4	79 W	80	8.20
	108-2529	LED-42/84W / 700 mA - 2700 K	9914.8	96 W	80	8.20
	108-2931	LED-36/108W / 1050 mA - 2700 K	12905	119 W	80	8.20
	108-2932	LED-36/108W / 1050 mA - 3000 K	13534.5	119 W	80	8.20
	108-2933	LED-36/108W / 1050 mA - 4000 K	14164	119 W	80	8.20
	108-2937	LED-42/126W / 1050 mA - 2700 K	15055.8	136 W	80	8.20
	108-2938	LED-42/126W / 1050 mA - 3000 K	15790.2	136 W	80	8.20
	108-2939	LED-42/126W / 1050 mA - 4000 K	16524.6	136 W	80	8.20

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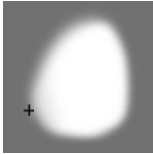
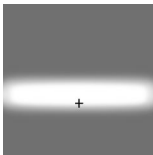
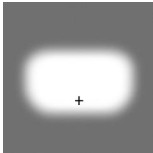
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VFL540 LED

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
pedestrian crossing, right-hand traffic [P45R] 	108-1985	LED-36/72W / 700 mA - 3000 K	9018.9	79 W	80	8.20
	108-1986	LED-36/72W / 700 mA - 4000 K	9640.9	79 W	80	8.20
	108-1989	LED-42/84W / 700 mA - 3000 K	10522	96 W	80	8.20
	108-1990	LED-42/84W / 700 mA - 4000 K	11247.7	96 W	80	8.20
	108-2390	LED-36/72W / 700 mA - 2700 K	8396.9	79 W	80	8.20
	108-2391	LED-42/84W / 700 mA - 2700 K	9796.4	96 W	80	8.20
	108-2934	LED-36/108W / 1050 mA - 2700 K	12750.8	119 W	80	8.20
	108-2935	LED-36/108W / 1050 mA - 3000 K	13372.8	119 W	80	8.20
	108-2936	LED-36/108W / 1050 mA - 4000 K	13994.8	119 W	80	8.20
	108-2940	LED-42/126W / 1050 mA - 2700 K	14875.9	136 W	80	8.20
	108-2941	LED-42/126W / 1050 mA - 3000 K	15601.6	136 W	80	8.20
	108-2942	LED-42/126W / 1050 mA - 4000 K	16327.3	136 W	80	8.20
pedestrian/bicycle lane [P65] 	108-1860	LED-36/108W / 1050 mA - 4000 K	14722.8	119 W	80	8.2
	108-1866	LED-36/108W / 1050 mA - 3000 K	14068.5	119 W	80	8.2
	108-2105	LED-42/126W / 1050 mA - 3000 K	16413.2	136 W	80	8.2
	108-2106	LED-42/126W / 1050 mA - 4000 K	17176.6	136 W	80	8.2
	108-2115	LED-36/36W / 350 mA - 3000 K	5124.9	39 W	80	8.2
	108-2116	LED-36/72W / 700 mA - 3000 K	9367.2	79 W	80	8.2
	108-2117	LED-36/36W / 350 mA - 4000 K	5620.9	39 W	80	8.2
	108-2118	LED-36/72W / 700 mA - 4000 K	10013.2	79 W	80	8.2
	108-2119	LED-42/42W / 350 mA - 3000 K	5979.1	46 W	80	8.2
	108-2120	LED-42/84W / 700 mA - 3000 K	10928.4	96 W	80	8.20
	108-2121	LED-42/42W / 350 mA - 4000 K	6557.7	46 W	80	8.2
	108-2122	LED-42/84W / 700 mA - 4000 K	11682.1	96 W	80	8.2
rectangular, side throw [R65] 	108-0973	LED-24/24W / 350 mA - 4000 K	3643.7	26.5 W	80	7.80
	108-0974	LED-24/48W / 700 mA - 4000 K	6295.7	54 W	80	7.80
	108-0975	LED-36/36W / 350 mA - 4000 K	5465.5	39 W	80	8.20
	108-0976	LED-36/72W / 700 mA - 4000 K	9443.5	79 W	80	8.20
	108-0977	LED-42/42W / 350 mA - 4000 K	6376.4	46 W	80	8.20
	108-0978	LED-42/84W / 700 mA - 4000 K	11017.4	96 W	80	8.20
	108-1069	LED-24/24W / 350 mA - 3000 K	3322.2	26.5 W	80	7.80
	108-1071	LED-24/48W / 700 mA - 3000 K	5889.5	54 W	80	7.80
	108-1073	LED-36/36W / 350 mA - 3000 K	4983.3	39 W	80	8.20
	108-1075	LED-36/72W / 700 mA - 3000 K	8834.2	79 W	80	8.20
	108-1077	LED-42/42W / 350 mA - 3000 K	5813.8	46 W	80	8.20
108-1079	LED-42/84W / 700 mA - 3000 K	10306.6	96 W	80	8.20	

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VFL540 LED

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-1858	LED-36/108W / 1050 mA - 4000 K	13656.7	119 W	80	8.20
	108-1864	LED-36/108W / 1050 mA - 3000 K	13049.8	119 W	80	8.20
	108-2090	LED-42/126W / 1050 mA - 3000 K	15224.7	136 W	80	8.20
	108-2091	LED-42/126W / 1050 mA - 4000 K	15932.8	136 W	80	8.20
	108-2242	LED-24/48W / 700 mA - 2700 K	5483.3	54 W	80	7.80
	108-2375	LED-24/24W / 350 mA - 2700 K	3107.8	26.5 W	80	7.80
	108-2376	LED-36/36W / 350 mA - 2700 K	4661.8	39 W	80	8.20
	108-2377	LED-36/72W / 700 mA - 2700 K	8225	79 W	80	8.20
	108-2378	LED-36/108W / 1050 mA - 2700 K	12442.8	119 W	80	8.20
	108-2379	LED-42/42W / 350 mA - 2700 K	5438.7	46 W	80	8.20
	108-2380	LED-42/84W / 700 mA - 2700 K	9595.8	96 W	80	8.20
	108-2381	LED-42/126W / 1050 mA - 2700 K	14516.6	136 W	80	8.20

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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

R2C Ready to Connect

Description	Part ID
R2C Ready to Connect (top)	430-0019
R2C Ready to Connect (below)	430-0027
R2C Ready to Connect (top and below)	430-0032

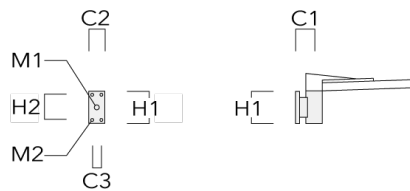
Wild-Light Eco Step Dim® Advanced

Description	Part ID	Additional information
Wild-Light Eco Step Dim® Advanced	430-0034	Fully automatic independent dimming pre-set, without additional installation effort, Example: Starting the night with warm white (3000 K from 20:00 to 22:00), reduced to biodiversity friendly in the heart of the night (2200 K from 22:00 to 06:00), and returning back to warm white in the early morning (3000 K from 06:00 to 07:00). This is the easiest to implement solution to create a nature-friendly lighting scenario, as no additional installations or external controls are needed. All pre-settings are made in the two LED drivers. The dimming values are programmed into the driver during the production of the luminaires. An optional link with sunrise and sunset times can mean additional optimisation. A customer-specific configuration is possible. The settings can be changed directly on the LED driver at any time (NFC). The necessary tool is standardised and can also be obtained from WE-EF as an optional extra.
Wild-Light Motion	430-0035	

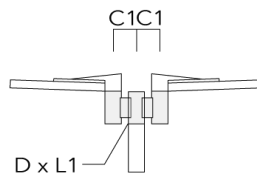
Mounting Accessories

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		

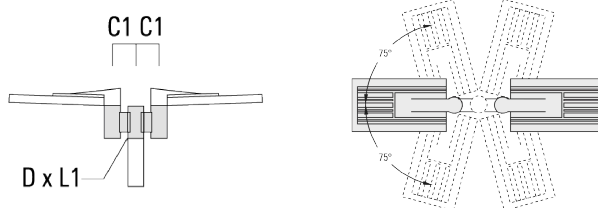


RV2-76 Pole bracket, double	108-0980		147				76 x 100					4.80	147	76	200
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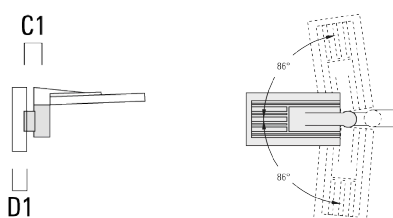


Pole mounted

Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (kg)	C	D	H
RV2-60 Pole bracket, double	108-0981	147					60 x 100					4.80	147	60	200



RV5 Pole bracket	108-0982	108				76-240						1.70	106	200
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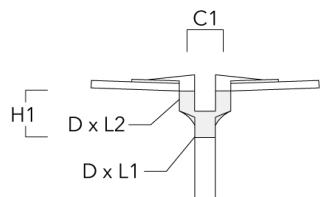
VFL540 LED

Pole mounted

we-ef

Post top fitter AKV

Description	Part ID	C1	D × L1	D × L2	H1	Weight (kg)
AKV2-76	300-0053	180	76x100	76x80	235	1.50



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Subject to technical changes and errors. - Generated on 23/11/2024

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.