

### Description

The RFL120 features an elegant round shape, designed with the future in mind, offering a full suite of connectivity options. Post top installation on poles, seamlessly blending into urban landscapes by day and night. Constructed from marine-grade, die-cast aluminium alloy, with an IP66 rating, 5CE superior corrosion protection including PCS hardware and CCG® Controlled Compression Gasket. Non-reflective flat safety glass cover, hinged. Integral EC electronic converter, class I or class II. OLC® One LED Concept CAD-optimised optics and non-reflective flat safety glass cover, hinged, provide superior illumination and glare control. The luminaire is factory-sealed and does not need to be opened during installation. RFL120-SE with spigot size  $\text{Ø} 42 \times 100$  mm. Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

Photometric files (IES, LDT) for light distributions [S65] [S70] [P65] [R60] [A60] with Backlight Shield on request.

## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy			
Lens	Non-reflective safety glass lens			
Colours	<b>RAL7016</b> Anthracite grey	<b>RAL9004</b> Signal black	<b>RAL9006</b> White aluminium	<b>RAL9007</b> Grey aluminium
	<b>RAL9016</b> Traffic white			
Gasket	CCG® Controlled Compression Gasket			
Fasteners	PCS Polymer Coated Stainless Steel Hardware			
Ingress protection	IP66			
Impact resistance	IK08			
Corrosion resistance	5CE			

### Electrical description


Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Surge protection	6/6kV, optional 10kV
Energy efficiency	C-D (Light source)


### Additional information


Windage	0.211 m <sup>2</sup>
Lifetime	Ta=25° L90B10 > 90000h

## Options

### Light distribution

 [S65] asymmetric, side throw

 [S60] asymmetric, side throw

 [A60] asymmetric, forward throw

### Colour temperature



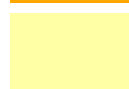
3000K



2700K



1850K



4000K



2200K

### Nominal Watt

64 W

96 W

48 W

160 W

120 W


144 W


72 W

128 W

80 W


## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	111-2344	LED-32/48W/1850K	4805.2 lm	48 W	60
	111-2345	LED-32/48W/2200K	5339.1 lm	48 W	70
	111-2346	LED-32/48W/2700K	5339.1 lm	48 W	80
	111-2347	LED-32/48W/3000K	5739.5 lm	48 W	80
	111-2865	LED-32/48W/4000K	6139.9 lm	48 W	80
	111-2432	LED-32/64W/1850K	6540.3 lm	64 W	60
	111-2433	LED-32/64W/2200K	7207.7 lm	64 W	70
	111-2434	LED-32/64W/2700K	7207.7 lm	64 W	80
	111-2435	LED-32/64W/3000K	7741.6 lm	64 W	80
	111-2887	LED-32/64W/4000K	8275.5 lm	64 W	80
	111-2222	LED-32/96W/2200K	10010.7 lm	96 W	70
	111-2223	LED-32/96W/2700K	10010.7 lm	96 W	80
	111-2224	LED-32/96W/3000K	10811.6 lm	96 W	80
	111-2909	LED-32/96W/4000K	11479 lm	96 W	80
	111-2522	LED-48/96W/2700K	10811.6 lm	96 W	60
	111-2523	LED-48/96W/3000K	11612.5 lm	96 W	80
	111-2953	LED-48/96W/4000K	12413.3 lm	96 W	80
	111-2597	LED-48/144W/2200K	15016.1 lm	144 W	70
	111-2598	LED-48/144W/2700K	15016.1 lm	144 W	80
	111-2599	LED-48/144W/3000K	16217.4 lm	144 W	80
	111-2975	LED-48/144W/4000K	17218.5 lm	144 W	80
	111-2674	LED-64/64W/1850K	6788.2 lm	64 W	60
	111-2675	LED-64/64W/2200K	7571.5 lm	64 W	70
	111-2676	LED-64/64W/2700K	7571.5 lm	64 W	80
	111-2677	LED-64/64W/3000K	8093.7 lm	64 W	80
	111-2997	LED-64/64W/4000K	8876.9 lm	64 W	80
	111-2762	LED-64/96W/1850K	9399.1 lm	96 W	60
	111-2763	LED-64/96W/2200K	10443.5 lm	96 W	70
	111-2764	LED-64/96W/2700K	10443.5 lm	96 W	80
	111-2765	LED-64/96W/3000K	11226.7 lm	96 W	80
	111-3019	LED-64/96W/4000K	12010 lm	96 W	80
	111-3041	LED-64/128W/1850K	12793.2 lm	128 W	60
	111-3042	LED-64/128W/2200K	14098.7 lm	128 W	70
111-3043	LED-64/128W/2700K	14098.7 lm	128 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	111-3044	LED-64/128W/3000K	15143 lm	128 W	80
	111-3045	LED-64/128W/4000K	16187.4 lm	128 W	80
	111-3150	LED-80/80W/1850K	8485.3 lm	80 W	60
	111-3151	LED-80/80W/2200K	9464.4 lm	80 W	70
	111-3152	LED-80/80W/2700K	9464.4 lm	80 W	80
	111-3153	LED-80/80W/3000K	10117.1 lm	80 W	80
	111-3154	LED-80/80W/4000K	11096.2 lm	80 W	80
	111-3260	LED-80/120W/1850K	11748.9 lm	120 W	60
	111-3261	LED-80/120W/2200K	13054.3 lm	120 W	70
	111-3262	LED-80/120W/2700K	13054.3 lm	120 W	80
	111-3263	LED-80/120W/3000K	14033.4 lm	120 W	80
	111-3264	LED-80/120W/4000K	15012.5 lm	120 W	80
	111-3370	LED-80/160W/1850K	15991.6 lm	160 W	60
	111-3371	LED-80/160W/2200K	17623.3 lm	160 W	70
	111-3372	LED-80/160W/2700K	17623.3 lm	160 W	80
	111-3373	LED-80/160W/3000K	18928.8 lm	160 W	80
	111-3374	LED-80/160W/4000K	20234.2 lm	160 W	80
	111-2348	LED-32/48W/1850K	5494.8 lm	48 W	60
	111-2349	LED-32/48W/2200K	6105.3 lm	48 W	70
	111-2350	LED-32/48W/2700K	6105.3 lm	48 W	80
	111-2351	LED-32/48W/3000K	6563.2 lm	48 W	80
	111-2866	LED-32/48W/4000K	7021.1 lm	48 W	80
	111-2436	LED-32/64W/1850K	7479 lm	64 W	60
	111-2437	LED-32/64W/2200K	8242.2 lm	64 W	70
	111-2438	LED-32/64W/2700K	8242.2 lm	64 W	80
	111-2439	LED-32/64W/3000K	8852.7 lm	64 W	80
	111-2888	LED-32/64W/4000K	9463.3 lm	64 W	80
	111-2225	LED-32/96W/2200K	11447.5 lm	96 W	70
	111-2226	LED-32/96W/2700K	11447.5 lm	96 W	80
	111-2227	LED-32/96W/3000K	12363.3 lm	96 W	80
	111-2910	LED-32/96W/4000K	13126.5 lm	96 W	80
	111-2304	LED-48/72W/1850K	8242.2 lm	72 W	60
	111-2305	LED-48/72W/2200K	9158 lm	72 W	70
	111-2306	LED-48/72W/2700K	9158 lm	72 W	80
	111-2307	LED-48/72W/3000K	9844.8 lm	72 W	80
	111-2932	LED-48/72W/4000K	10531.7 lm	72 W	80

[S60] asymmetric, side throw

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	111-2524	LED-48/96W/1850K	11218.5 lm	96 W	60
	111-2525	LED-48/96W/2200K	12363.3 lm	96 W	70
	111-2526	LED-48/96W/2700K	12363.3 lm	96 W	80
	111-2527	LED-48/96W/3000K	13279.1 lm	96 W	80
	111-2954	LED-48/96W/4000K	14194.9 lm	96 W	80
	111-2600	LED-48/144W/2200K	17171.2 lm	144 W	70
	111-2601	LED-48/144W/2700K	17171.2 lm	144 W	80
	111-2602	LED-48/144W/3000K	18544.9 lm	144 W	80
	111-2976	LED-48/144W/4000K	19689.7 lm	144 W	80
	111-2678	LED-64/64W/1850K	7922.7 lm	64 W	60
	111-2679	LED-64/64W/2200K	8836.8 lm	64 W	70
	111-2680	LED-64/64W/2700K	8836.8 lm	64 W	80
	111-2681	LED-64/64W/3000K	9446.3 lm	64 W	80
	111-2998	LED-64/64W/4000K	10360.4 lm	64 W	80
	111-2766	LED-64/96W/1850K	10969.9 lm	96 W	60
	111-2767	LED-64/96W/2200K	12188.8 lm	96 W	70
	111-2768	LED-64/96W/2700K	12188.8 lm	96 W	80
	111-2769	LED-64/96W/3000K	13102.9 lm	96 W	80
	111-3020	LED-64/96W/4000K	14017.1 lm	96 W	80
	111-3046	LED-64/128W/1850K	14931.2 lm	128 W	60
	111-3047	LED-64/128W/2200K	16454.8 lm	128 W	70
	111-3048	LED-64/128W/2700K	16454.8 lm	128 W	80
	111-3049	LED-64/128W/3000K	17673.7 lm	128 W	80
	111-3050	LED-64/128W/4000K	18892.6 lm	128 W	80
	111-3155	LED-80/80W/1850K	9903.4 lm	80 W	60
	111-3156	LED-80/80W/2200K	11046.1 lm	80 W	70
	111-3157	LED-80/80W/2700K	11046.1 lm	80 W	80
	111-3159	LED-80/80W/3000K	12950.6 lm	80 W	80
	111-3158	LED-80/80W/3000K	11807.9 lm	80 W	80
	111-3265	LED-80/120W/1850K	13712.3 lm	120 W	60
	111-3266	LED-80/120W/2200K	15235.9 lm	120 W	70
	111-3267	LED-80/120W/2700K	15235.9 lm	120 W	80
	111-3268	LED-80/120W/3000K	16378.6 lm	120 W	80
	111-3269	LED-80/120W/4000K	17521.3 lm	120 W	80
	111-3375	LED-80/160W/1850K	18664 lm	160 W	60
	111-3376	LED-80/160W/2200K	20568.5 lm	160 W	70

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[S65] asymmetric, side throw</p>	111-3377	LED-80/160W/2700K	20568.5 lm	160 W	80
	111-3378	LED-80/160W/3000K	22092.1 lm	160 W	80
	111-3379	LED-80/160W/4000K	23615.7 lm	160 W	80
	111-2352	LED-32/48W/1850K	5389 lm	48 W	60
	111-2353	LED-32/48W/2200K	5987.8 lm	48 W	70
	111-2354	LED-32/48W/2700K	5987.8 lm	48 W	80
	111-2355	LED-32/48W/3000K	6436.9 lm	48 W	80
	111-2867	LED-32/48W/4000K	6886 lm	48 W	80
	111-2440	LED-32/64W/1850K	7335 lm	64 W	60
	111-2441	LED-32/64W/2200K	8083.5 lm	64 W	70
	111-2442	LED-32/64W/2700K	8083.5 lm	64 W	80
	111-2443	LED-32/64W/3000K	8682.3 lm	64 W	80
	111-2889	LED-32/64W/4000K	9281.1 lm	64 W	80
	111-2228	LED-32/96W/2200K	11227.1 lm	96 W	70
	111-2229	LED-32/96W/2700K	11227.1 lm	96 W	80
	111-2230	LED-32/96W/3000K	12125.3 lm	96 W	80
	111-2911	LED-32/96W/4000K	12873.8 lm	96 W	80
	111-2308	LED-48/72W/1850K	8083.5 lm	72 W	60
	111-2309	LED-48/72W/2200K	8981.7 lm	72 W	70
	111-2310	LED-48/72W/2700K	8981.7 lm	72 W	80
	111-2311	LED-48/72W/3000K	9655.3 lm	72 W	80
	111-2933	LED-48/72W/4000K	10328.9 lm	72 W	80
	111-2528	LED-48/96W/1850K	11002.6 lm	96 W	60
	111-2529	LED-48/96W/2200K	12125.3 lm	96 W	70
	111-2530	LED-48/96W/2700K	12125.3 lm	96 W	80
	111-2531	LED-48/96W/3000K	13023.5 lm	96 W	80
	111-2955	LED-48/96W/4000K	13921.6 lm	96 W	80
	111-2603	LED-48/144W/2200K	16840.7 lm	144 W	70
	111-2604	LED-48/144W/2700K	16840.7 lm	144 W	80
	111-2605	LED-48/144W/3000K	18187.9 lm	144 W	80
	111-2977	LED-48/144W/4000K	19310.6 lm	144 W	80
	111-2682	LED-64/64W/1850K	7715 lm	64 W	60
	111-2683	LED-64/64W/2200K	8605.2 lm	64 W	70
111-2684	LED-64/64W/2700K	8605.2 lm	64 W	80	
111-2685	LED-64/64W/3000K	9198.6 lm	64 W	80	
111-2999	LED-64/64W/4000K	10088.8 lm	64 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	111-2770	LED-64/96W/1850K	10682.3 lm	96 W	60
	111-2771	LED-64/96W/2200K	11869.2 lm	96 W	70
	111-2772	LED-64/96W/2700K	11869.2 lm	96 W	80
	111-2773	LED-64/96W/3000K	12759.4 lm	96 W	80
	111-3021	LED-64/96W/4000K	13649.6 lm	96 W	80
	111-3051	LED-64/128W/1850K	14539.8 lm	128 W	60
	111-3052	LED-64/128W/2200K	16023.4 lm	128 W	70
	111-3053	LED-64/128W/2700K	16023.4 lm	128 W	80
	111-3054	LED-64/128W/3000K	17210.3 lm	128 W	80
	111-3055	LED-64/128W/4000K	18397.3 lm	128 W	80
	111-3160	LED-80/80W/1850K	9643.7 lm	80 W	60
	111-3161	LED-80/80W/2200K	10756.5 lm	80 W	70
	111-3162	LED-80/80W/2700K	10756.5 lm	80 W	80
	111-3163	LED-80/80W/3000K	11498.3 lm	80 W	80
	111-3164	LED-80/80W/4000K	12611 lm	80 W	80
	111-3270	LED-80/120W/1850K	13352.9 lm	120 W	60
	111-3271	LED-80/120W/2200K	14836.5 lm	120 W	70
	111-3272	LED-80/120W/2700K	14836.5 lm	120 W	80
	111-3273	LED-80/120W/3000K	15949.2 lm	120 W	80
	111-3274	LED-80/120W/4000K	17062 lm	120 W	80
	111-3380	LED-80/160W/1850K	18174.7 lm	160 W	60
	111-3381	LED-80/160W/2200K	20029.3 lm	160 W	70
	111-3382	LED-80/160W/2700K	20029.3 lm	160 W	80
	111-3383	LED-80/160W/3000K	21512.9 lm	160 W	80
	111-3384	LED-80/160W/4000K	22996.6 lm	160 W	80