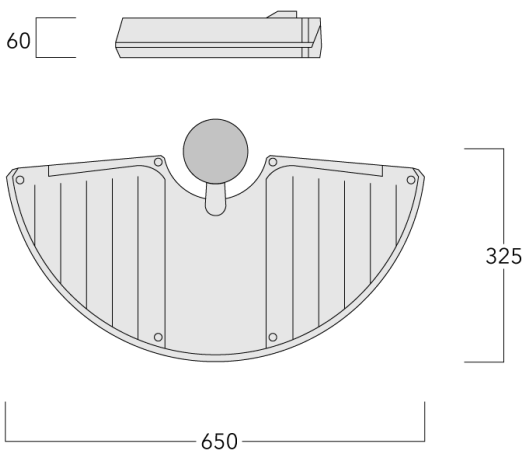


RMC320 LED

Pole mounted

we-ef



Description

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC™ Reflection Free Contour main lens.

Integral electronic converter with DALI interface. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Including 0.5 m cable with a cable connector.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Wild-Light options available on request.





WE-EF LIGHTING (Thailand) Co., Ltd.

57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

<https://we-ef.com/asia>

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

Specifications**Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	RFC™ Reflection Free Contour main lens
Colours	 RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral electronic converter with DALI interface
Power factor	> 0.9

Additional information

Lifetime	Ta=25° L90B10 > 90000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare

RMC320 LED

Pole mounted

we-ef

Options

Light distribution



asymmetric, side throw [S60]



asymmetric, side throw [S65]



asymmetric, side throw [S70]



asymmetric, forward throw [A60]



rectangular, side throw [R65]



pedestrian/bicycle lane [P65]

Colour temperature



3000 K



4000 K



2700 K

Nominal Watt

21 W

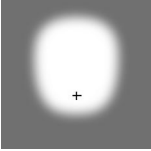
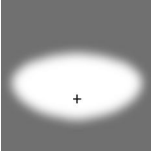
39 W

59 W

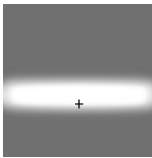
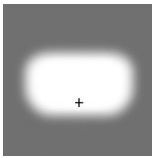
84 W

0 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	105-7143	LED-18/18W / 350 mA - 2700 K	2114.7	21 W	80	7.50
	105-7149	LED 18/36W / 700 mA - 2700 K	3750.2	41 W	80	7.50
	105-7149-70	LED 18/36W / 700 mA - 2700 K	4028	41 W	70	7.50
	105-7155	LED 18/54W / 1050 mA - 2700 K	5873.6	59 W	80	7.50
	105-7155-70	LED 18/54W / 1050 mA - 2700 K	6733.2	59 W	70	7.50
	105-7161	LED 18/78W / 1400 mA - 2700 K	7077	86 W	80	7.50
	105-7161-70	LED 18/78W / 1400 mA - 2700 K	8165.8	86 W	70	7.50
	105-9816	LED-18/18W / 350 mA - 3000 K	2260.5	21 W	80	7.50
	105-9817	LED-18/36W / 700 mA - 3000 K	4028	41 W	80	7.50
	105-9818	LED-18/54W / 1050 mA - 3000 K	6160.2	59 W	80	7.50
	105-9819	LED-18/78W / 1400 mA - 3000 K	7485.3	86 W	80	7.50
	105-9819-70	LED-18/78W / 1400 mA - 3000 K	8506.1	86 W	70	7.50
	105-9820	LED-18/18W / 350 mA - 4000 K	2479.3	21 W	80	7.50
	105-9821	LED-18/36W / 700 mA - 4000 K	4305.8	41 W	80	7.50
	105-9822	LED-18/54W / 1050 mA - 4000 K	6446.7	59 W	80	7.50
105-9823	LED-18/78W / 1400 mA - 4000 K	7825.6	86 W	80	7.50	
105-9823-70	LED-18/78W / 1400 mA - 4000 K	8846.3	86 W	70	7.50	
asymmetric, side throw [S60] 	105-7140	LED-18/18W / 350 mA - 2700 K	2317.9	21 W	80	7.50
	105-7146	LED 18/36W / 700 mA - 2700 K	4110.6	41 W	80	7.50
	105-7146-70	LED 18/36W / 700 mA - 2700 K	4415.1	41 W	70	7.50
	105-7152	LED 18/54W / 1050 mA - 2700 K	6493.6	59 W	80	7.50
	105-7152-70	LED 18/54W / 1050 mA - 2700 K	7443.8	59 W	70	7.50
	105-7158	LED 18/78W / 1400 mA - 2700 K	7823.9	86 W	80	7.50
	105-7158-70	LED 18/78W / 1400 mA - 2700 K	9027.5	86 W	70	7.50
	105-9771	LED-18/18W / 350 mA - 3000 K	2477.7	21 W	80	7.50
	105-9772	LED-18/36W / 700 mA - 3000 K	4415.1	41 W	80	7.50
	105-9773	LED-18/54W / 1050 mA - 3000 K	6810.3	59 W	80	7.50
	105-9774	LED-18/78W / 1400 mA - 3000 K	8275.2	86 W	80	7.50
	105-9774-70	LED-18/78W / 1400 mA - 3000 K	9403.7	86 W	70	7.50
	105-9775	LED-18/18W / 350 mA - 4000 K	2717.5	21 W	80	7.50
	105-9776	LED-18/36W / 700 mA - 4000 K	4719.6	41 W	80	7.50
	105-9777	LED-18/54W / 1050 mA - 4000 K	7127.1	59 W	80	7.50
105-9778	LED-18/78W / 1400 mA - 4000 K	8651.4	86 W	80	7.50	
105-9778-70	LED-18/78W / 1400 mA - 4000 K	9779.8	86 W	70	7.50	
asymmetric, side throw [S65]	105-0215	LED-18/54W / 1050 mA - 2700 K	6638	59 W	80	7.50

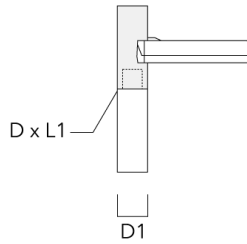
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	105-7141	LED-18/18W / 350 mA - 2700 K	2356.9	21 W	80	7.50
	105-7141-70	LED-18/18W / 350 mA - 2700 K	2519.4	21 W	70	7.50
	105-7147	LED 18/36W / 700 mA - 2700 K	4179.7	41 W	80	7.50
	105-7147-70	LED 18/36W / 700 mA - 2700 K	4489.4	41 W	70	7.50
	105-7153	LED 18/54W / 1050 mA - 2700 K	6638	59 W	80	7.50
	105-7153-70	LED 18/54W / 1050 mA - 2700 K	7609.5	59 W	70	7.50
	105-7159	LED 18/78W / 1400 mA - 2700 K	7997.9	86 W	80	7.50
	105-7159-70	LED 18/78W / 1400 mA - 2700 K	9228.3	86 W	70	7.50
	105-9786	LED-18/18W / 350 mA - 3000 K	2519.4	21 W	80	7.50
	105-9787	LED-18/36W / 700 mA - 3000 K	4489.4	41 W	80	7.50
	105-9788	LED-18/54W / 1050 mA - 3000 K	6961.8	59 W	80	7.50
	105-9789	LED-18/78W / 1400 mA - 3000 K	8459.3	86 W	80	7.50
	105-9789-70	LED-18/78W / 1400 mA - 3000 K	9612.9	86 W	70	7.50
	105-9790	LED-18/18W / 350 mA - 4000 K	2763.2	21 W	80	7.50
	105-9791	LED-18/36W / 700 mA - 4000 K	4799	41 W	80	7.50
	105-9792	LED-18/54W / 1050 mA - 4000 K	7285.6	59 W	80	7.50
105-9793	LED-18/78W / 1400 mA - 4000 K	8843.8	86 W	80	7.50	
105-9793-70	LED-18/78W / 1400 mA - 4000 K	9997.4	86 W	70	7.50	
asymmetric, side throw [S70] 	105-7142	LED-18/18W / 350 mA - 2700 K	2318.3	21 W	80	7.50
	105-7148	LED 18/36W / 700 mA - 2700 K	4111.3	41 W	80	7.50
	105-7148-70	LED 18/36W / 700 mA - 2700 K	4415.9	41 W	70	7.50
	105-7154	LED 18/54W / 1050 mA - 2700 K	6464.7	59 W	80	7.50
	105-7154-70	LED 18/54W / 1050 mA - 2700 K	7410.8	59 W	70	7.50
	105-7160	LED 18/78W / 1400 mA - 2700 K	7789.2	86 W	80	7.50
	105-7160-70	LED 18/78W / 1400 mA - 2700 K	8987.6	86 W	70	7.50
	105-9801	LED-18/18W / 350 mA - 3000 K	2478.2	21 W	80	7.50
	105-9802	LED-18/36W / 700 mA - 3000 K	4415.9	41 W	80	7.50
	105-9803	LED-18/54W / 1050 mA - 3000 K	6780.1	59 W	80	7.50
	105-9803-70	LED-18/54W / 1050 mA - 3000 K	7726.1	59 W	70	7.50
	105-9804	LED-18/78W / 1400 mA - 3000 K	8238.6	86 W	80	7.50
	105-9804-70	LED-18/78W / 1400 mA - 3000 K	9362	86 W	70	7.50
	105-9805	LED-18/18W / 350 mA - 4000 K	2718	21 W	80	7.50
	105-9806	LED-18/36W / 700 mA - 4000 K	4720.4	41 W	80	7.50
	105-9807	LED-18/54W / 1050 mA - 4000 K	7095.4	59 W	80	7.50
105-9812	LED-18/78W / 1400 mA - 4000 K	8613.1	86 W	80	7.50	
105-9812-70	LED-18/78W / 1400 mA - 4000 K	9736.5	86 W	70	7.50	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
pedestrian/bicycle lane [P65] 	105-0100	LED-18/18W / 350 mA - 3000 K	2300.8	21 W	80	7.50
	105-0101	LED-18/18W / 350 mA - 4000 K	2523.4	21 W	80	7.50
	105-0102	LED-18/36W / 700 mA - 3000 K	4179.3	41 W	80	7.50
	105-0103	LED-18/36W / 700 mA - 4000 K	4467.5	41 W	80	7.50
	105-0104	LED-18/54W / 1050 mA - 3000 K	6414.3	59 W	80	7.50
	105-0105	LED-18/54W / 1050 mA - 4000 K	6712.7	59 W	80	7.50
	105-0227-70	LED-18/54W / 1050 mA - 2700 K	7011	59 W	70	7.50
	105-7100	LED-18/78W / 1400 mA - 3000 K	8204.4	86 W	80	7.50
	105-7101	LED-18/78W / 1400 mA - 4000 K	8577.3	86 W	80	7.50
	105-7101-70	LED-18/78W / 1400 mA - 4000 K	9696.1	86 W	70	7.50
	105-7145	LED-18/18W / 350 mA - 2700 K	2152.3	21 W	80	7.50
	105-7145-70	LED-18/18W / 350 mA - 2700 K	2300.8	21 W	70	7.50
	105-7151	LED 18/36W / 700 mA - 2700 K	3891	41 W	80	7.50
	105-7151-70	LED 18/36W / 700 mA - 2700 K	4179.3	41 W	70	7.50
	105-7157	LED 18/54W / 1050 mA - 2700 K	6116	59 W	80	7.50
	105-7163	LED 18/78W / 1400 mA - 2700 K	7756.9	86 W	80	7.50
	105-7163-70	LED 18/78W / 1400 mA - 2700 K	8950.2	86 W	70	7.50
rectangular, side throw [R65] 	105-0221-70	LED-18/54W / 1050 mA - 2700 K	6882.2	59 W	70	7.50
	105-7144	LED-18/18W / 350 mA - 2700 K	2170.4	21 W	80	7.50
	105-7144-70	LED-18/18W / 350 mA - 2700 K	2320.1	21 W	70	7.50
	105-7150	LED 18/36W / 700 mA - 2700 K	3849.1	41 W	80	7.50
	105-7150-70	LED 18/36W / 700 mA - 2700 K	4134.2	41 W	70	7.50
	105-7156	LED 18/54W / 1050 mA - 2700 K	6003.7	59 W	80	7.50
	105-7156-70	LED 18/54W / 1050 mA - 2700 K	6882.2	59 W	70	7.50
	105-7162	LED 18/78W / 1400 mA - 2700 K	7233.7	86 W	80	7.50
	105-7162-70	LED 18/78W / 1400 mA - 2700 K	8346.6	86 W	70	7.50
	105-9831	LED-18/18W / 350 mA - 3000 K	2320.1	21 W	80	7.50
	105-9832	LED-18/36W / 700 mA - 3000 K	4134.2	41 W	80	7.50
	105-9833	LED-18/54W / 1050 mA - 3000 K	6296.5	59 W	80	7.50
	105-9834	LED-18/78W / 1400 mA - 3000 K	7651	86 W	80	7.50
	105-9834-70	LED-18/78W / 1400 mA - 3000 K	8694.4	86 W	70	7.50
	105-9835	LED-18/18W / 350 mA - 4000 K	2544.7	21 W	80	7.50
	105-9836	LED-18/36W / 700 mA - 4000 K	4419.4	41 W	80	7.50
	105-9837	LED-18/54W / 1050 mA - 4000 K	6589.4	59 W	80	7.50
105-9838	LED-18/78W / 1400 mA - 4000 K	7998.8	86 W	80	7.50	
105-9838-70	LED-18/78W / 1400 mA - 4000 K	9042.1	86 W	70	7.50	

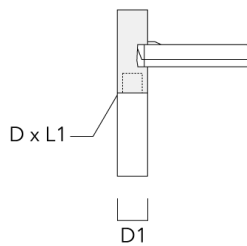
Mounting Accessories

Wall and pole brackets RM

Description	Part ID	C1	C2	C3	D1	D × L1	H1	H2	M1	Weight (kg)
Pole bracket RM1-76, single for mounting on AMF-C poles	105-9849				114	76 x 80				1.20



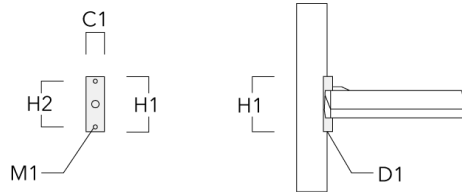
Pole bracket RM1-76, single for mounting on AMW-C poles	105-9847				102	76 x 80				1.00
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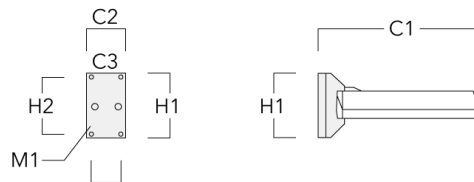
RMC320 LED

Pole mounted

Description	Part ID	C1	C2	C3	D1	D × L1	H1	H2	M1	Weight (kg)
Short bracket RM1-S	105-9845	50			≥ 76		150	124	11	0.60



Wall bracket RM1-W	105-9846	375	105	80			175	155	6	1.30
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Pole mounted

Description	Part ID	C1	C2	C3	D1	D × L1	H1	H2	M1	Weight (kg)
Pole bracket RM2-76, double for mounting on AMW-C poles	105-9848				102	76 x 80				1.00

