



# Flexi Magnum Micro CL2030A

## Die-Cast Aluminium Housing



### GENERAL INFORMATION

Mounting Module	Post top or side entry from 25-45Ø Post top or side entry from 42- 60Ø Post top or side entry from 60-76Ø (optional) Spigot entry 100mm
Mounting Module Tilt Angles	Post top/side entry 0, +-5,+10, +-15
Operating Temperature	-40°C / +55°C
Storage Temperature	-40°C / +80°C
Glass Mounting Options	Capsule mounting system Tool-free clips system (optional)
LED Modules	Removable / Replaceable optical unit
Lens Options	COL 1030 (standard) Project-specific lens selection
Main Reference Company Standards	EN 62777, EN 62772-1, EN 62772-2-1, EN 60598-1, EN 60598-2-3, EN 62471, EN 60068-2-11, EN60068-2-52, ISO9227, ASTM B117, ASTM D3359-78, ISO 4628-2, ISO 4628-4, EN 60529, EN 62262, ANSIC136.10-2017, ANSIC136.2-2018, EN 62031, IEC 62384, ASTM D3359, EN ISO 2409, IES LM 80-15, IES LM 82-12, IES LM 84-14, IES LM 85-14, LM 79-19, IES TM 21-1, CE, RoHS, ISO9001, ISO14001, ISO18001, ISO5001, ISO45001, ISO39001, EAC, TURKAK

### HOUSING AND MATERIALS

Housing	Non corrosive high pressure die-cast aluminium
Optic	PMMA or PC
Gasket	Silicon or polyurethane without junction points.
Housing Finish	UNI EN1706 powder painted
Refractor	Tempered glass min. 4mm high transparency UV resistant (optional)
Cable Gland	IP66, Plastic M20X1,5, IP67 (optional), IP68 (optional)
Standard Colour	RAL7021 Metallic
Tightness Level	IP66, IP67 (optional), IP68 (optional)
Impact Housing Resistance	IK10 (20 J)
Impact Glass Resistance	IK08 (5 J), IK09 (optional) (10 J), IK10 (optional) (20 J)
Vibration Test	Compliant with modified IEC 68-2-6 (0.5G), ANSIC136.31 (3G-5G)

### ELECTRICAL INFORMATION

Electrical Class	Class I, Class II (optional)
Nominal Voltage	220-240V 50 / 60 Hz EU 110-277V 50 / 60 Hz (optional) NORTH AMERICA
Led Current	350 mA, 500 mA, 700 mA, 925 mA, 1050 mA
LED Lamp Power	25W, 36W, 50W, 55W, 70W, 75W, 80W, 110W, 140W, 160W
Power Factor	≥0.9 (at full load)
Driver	Constant current, thermal protected, voltage regulated, harmonic filter protection
Surge protection options (kV)	6 Kv (standard) 10 kV (optional) with LED signal and thermo fuse to disconnect load at the end of life 20 kV (optional) with LED signal and thermo fuse to disconnect load at the end of life
Control system	on-off (standard), Bluetooth, DALI, 1-10V DIM, stand alone automation
Socket	NEMA 4-pin (ZHAGA book 18) (optional) NEMA 5-pin (ANSI C136.41) (optional) NEMA 7-pin (ANSI C136.41) (optional)
Sensor	PIR (optional), Photocell (optional), Daylight (optional)
Mains connection	For cable max section 2,5 mm <sup>2</sup> Outgoing cable H05RN-F 2/3/5 x 1,5 mm <sup>2</sup> Length on request.(optional)
Electromagnetic compatibility (EMC)	IEC 61000, EN 55015, IEC 61000-3-2, IEC 61000-4-5, IEC 61547, IEC 61000-3-3, IEC 61000-4-2, IEC 61000-2-2, IEC 61000-4-11, IEC 61643-11

### OPTICAL INFORMATION

Led colour temperature	2700K (warm white), 3000K (warm white), 4000K (neutral white) (standard), 5000K (cool white), 5700K (cool white), 6500K (cool white), Other (amber, blue, green, red)
Colour rendering index (CRI)	CRI ≥70, CRI ≥80 (optional), CRI ≥90 (optional)
Upward light output ratio	0%
Photobiological safety class	IEC 62471, EN 62778 EXEMPT GROUP
Testing standard	LM 79-19, EN 13032-1 (all measurements in ISO17025 accredited laboratory)
Lifetime of the LED's	Tq= 25 °, 700 Ma 187.000h - L90B10 Tq= 55 °, 700 Ma 156.000h - L90B10



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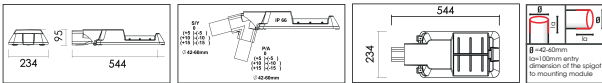
Number of Power LED's / Rating / Current	Luminaire Output Flux (lm)		W (mm)	L (mm)	h (mm)	Item / Box	Average Weight (kg)	Order Code	System Lumen / W (lm)	
	max.	min.							max.	min.
24 / 25W - 350 mA	3750	2875	234	544	95	1	4.90	L2030A-LED0025NW-ECG	150	115
24 / 36W - 500 mA	5400	4140	234	544	95	1	4.90	L2030A-LED0036NW-ECG	150	115
24 / 55W - 700 mA	8250	6325	234	544	95	1	4.90	L2030A-LED0055NW-ECG	150	115
24 / 70W - 925 mA	10500	8050	234	544	95	1	4.90	L2030A-LED0070NW-ECG	150	115
24 / 80W - 1050 mA	12000	9200	234	544	95	1	4.90	L2030A-LED0080NW-ECG	150	115
48 / 50W - 350 mA	7500	5750	234	544	95	1	4.90	L2030A-LED2050NW-ECG	150	115
48 / 75W - 500 mA	11250	8625	234	544	95	1	4.90	L2030A-LED2075NW-ECG	150	115
48 / 110W - 700 mA	16500	12650	234	544	95	1	4.90	L2030A-LED2110NW-ECG	150	115
48 / 140W - 925 mA	21000	16100	234	544	95	1	4.90	L2030A-LED2140NW-ECG	150	115
48 / 160W - 1050 mA	24000	18400	234	544	95	1	4.90	L2030A-LED2160NW-ECG	150	115

Depending on the luminaire configuration. For more details, please contact us.  
Tolerance on LED flux is +/-7% and on total luminaire power +/- 5%.

### Main Applications



Highways & Secondary Roads   Residential Areas   Parks   Car Parks   Environment Lighting & Industrial Areas   Roundabouts   Street and Avenue



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