



Cruz Triple CL5050

Die-Cast Aluminium Housing



GENERAL INFORMATION

Mounting Module	Bracket system
Operating Temperature	-40°C / +55°C -40°C / +70 (optional)
Storage Temperature	-40°C / +80°C
Class Mounting Options	Capsule mounting system
LED Modules	Removable / Replaceable optical unit
Lens Options	COL 1550 (standard) Project-specific lens selection
Main Reference Company Standards	EN 62717, EN 62722-1, EN 62722-2-1, EN 12193-SPORTS LIGHTING, EN 60598-1, EN 60598-2-5, 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, IES TM 21-11, LM 79-19, 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 PC9, 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 (0.5C), ANSIC136.31 (3G-5C)

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	210W, 270W, 300W, 315W, 390W, 405W, 420W, 450W, 540W, 570W, 645W, 690W, 810W, 855W, 960W, 1050W, 1200W
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 ² Outgoing cable H05RN-F 2/3/5 x 1.5 mm ² 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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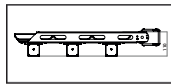


Number of Power LED's / Rating / Current	Luminaire Output Flux (lm)		W (mm)	L (mm)	h (mm)	Item / Box	Average Weight (kg)	Order Code	System Lumen / W (lm)	
	max.	min.							max.	min.
3X64 / 210W - 350 mA	31500	24150	665	990	110	1	39.00	L5050-LED6430210NW-ECG	150	115
3X64 / 300W - 500 mA	45000	34500	665	990	110	1	39.00	L5050-LED6430300NW-ECG	150	115
3X64 / 420W - 700 mA	63000	48300	665	990	110	1	39.00	L5050-LED6430420NW-ECG	150	115
3X64 / 570W - 925 mA	85500	65550	665	990	110	1	39.00	L5050-LED6430570NW-ECG	150	115
3X64 / 645W - 1050 mA	96750	74175	665	990	110	1	39.00	L5050-LED6430645NW-ECG	150	115
3X80 / 270W - 350 mA	40500	31050	665	990	110	1	39.00	L5050-LED8030270NW-ECG	150	115
3X80 / 390W - 500 mA	58500	44850	665	990	110	1	39.00	L5050-LED8030390NW-ECG	150	115
3X80 / 540W - 700 mA	81000	62100	665	990	110	1	39.00	L5050-LED8030540NW-ECG	150	115
3X80 / 690W - 925 mA	103500	79350	665	990	110	1	39.00	L5050-LED8030690NW-ECG	150	115
3X80 / 810W - 1050 mA	121500	93150	665	990	110	1	39.00	L5050-LED8030810NW-ECG	150	115
3x96 / 315W - 350 mA	47250	36225	665	990	110	1	39.00	L5050-LED9630315NW-ECG	150	115
3x96 / 450W - 500 mA	67500	51750	665	990	110	1	39.00	L5050-LED9630450NW-ECG	150	115
3x96 / 645W - 700 mA	96750	74175	665	990	110	1	39.00	L5050-LED9630645NW-ECG	150	115
3x96 / 855W - 925 mA	128250	98325	665	990	110	1	39.00	L5050-LED9630855NW-ECG	150	115
3x96 / 960W - 1050 mA	144000	110400	665	990	110	1	39.00	L5050-LED9630960NW-ECG	150	115
3X120 / 405W - 350 mA	60750	46575	665	990	110	1	39.00	L5050-LED1203405NW-ECG	150	115
3X120 / 570W - 500 mA	85500	65550	665	990	110	1	39.00	L5050-LED1203570NW-ECG	150	115
3X120 / 810W - 700 mA	121500	93150	665	990	110	1	39.00	L5050-LED1203810NW-ECG	150	115
3X120 / 1050W - 925 mA	157500	120750	665	990	110	1	39.00	L5050-LED12031050NW-ECG	150	115
3X120 / 1200W - 1050 mA	180000	138000	665	990	110	1	39.00	L5050-LED12031200NW-ECG	150	115

Main Applications



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



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