

LED WATERPROOF TYPHOON IP69K TW



KEY FEATURES

- High-end Professional Waterproof fixture
- IP69K ISO 20653: 2013 Dust and water proof
- PMMA versions IK09 with pressure equalization unit
- Premium Osram and Tridonic LED Driver
- Easy installation INOX 316 mounting brackets
- 3x2.5mm² fast connectors at 2 ends for a fast tool-free (toolless) installation
- 140+ lumen per watt
- 100% Flicker-free
- 5 years Pragmalux warranty

APPLICATIONS



OPTIONS



3,000K

5,000K

SPECIFICATIONS

Item code	Description	W	lm	lm/W	Kelvin	CRI	Input current	Lifetime L80B10	Equivalent	Beam angle
4604978	LED Waterproof Typhoon IP69K 20W 600 4000K Incl. 3x2.5mm TW PC	20	2,500	125	4,000	≥80	0.1A	76,000	2x18W	120°
4604985	LED Waterproof Typhoon IP69K 20W 600 4000K Incl. 3x2.5mm TW PMMA	20	2,700	135	4,000	≥80	0.1A	76,000	2x18W	120°
4604954	LED Waterproof Typhoon IP69K 28W 900 4000K Incl. 3x2.5mm TW PC	28	3,500	125	4,000	≥80	0.14A	76,000	1x58W	120°
4604961	LED Waterproof Typhoon IP69K 28W 900 4000K Incl. 3x2.5mm TW PMMA	28	3,800	136	4,000	≥80	0.14A	76,000	1x58W	120°
4604930	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PC	40	5,100	128	4,000	≥80	0.2A	76,000	2x36W	120°
4604947	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PMMA	40	5,400	135	4,000	≥80	0.2A	76,000	2x36W	120°
4604916	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PC	50	6,700	134	4,000	≥80	0.25A	76,000	2x58W	120°
4604923	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PMMA	50	7,200	144	4,000	≥80	0.25A	76,000	2x58W	120°

TECHNICAL DATA

Electrical data	
Voltage (V)	220-240
Frequency (Hz)	50/60
Power factor (λ)	≥0.95
Operating mode	Integrated LED Driver
Electrical connection	Max 3x2,5 mm ² wire
Total harmonic distortion	≤ 20 %

Certificates & standards	
Driver certificates	CE/ENEC
Fixture certificates	CE
Ingress protection	IP68 & IP69K
Protection class	I
Protection class IK	IK09 (PMMA) / IK10 (PC)
Glow Wire Test (IEC 695-2-1)	650°C (PMMA) / 850°C (PC)
Photobiological safety group EN62778	RG0

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Temperatures & operating conditions

Ambient temperature	25°C
Operating temperature	-25 ~ +45°C
Storage temperature	-40 ~ +85°C

Colors & materials

Color (Housing)	White
Material (Housing)	PC
Material (Diffuser)	PC/PMMA

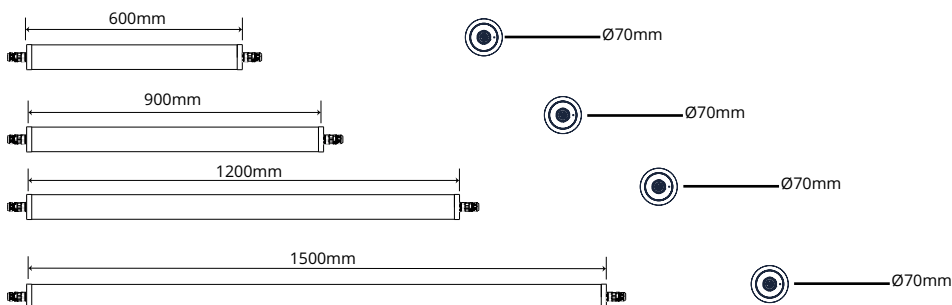
Capabilities

UGR	≤25-30
Dimmable	No
Type of connection	Push Terminal, 3-pole
LED Module replacable	No
Installation	Through-wiring Possible

SPECIFICATIONS DRIVERS

Item code	Description	Driver failure rate at 5,000h	Inrush current Ipeak	Inrush current Twidth	Max. No. of drivers on MCB Type B 10A	Max. No. of drivers on MCB Type B 16A	Max No.of drivers on MCB Type C 10A	Max. No. of drivers on MCB Type C 16A
4604978	LED Waterproof Typhoon IP69K 20W 600 4000K Incl. 3x2.5mm TW PC	≤1%	8A	80μs	65	110	75	120
4604985	LED Waterproof Typhoon IP69K 20W 600 4000K Incl. 3x2.5mm TW PMMA	≤1%	8A	80μs	65	110	75	120
4604954	LED Waterproof Typhoon IP69K 28W 900 4000K Incl. 3x2.5mm TW PC	≤1%	10A	100μs	36	60	45	75
4604961	LED Waterproof Typhoon IP69K 28W 900 4000K Incl. 3x2.5mm TW PMMA	≤1%	10A	100μs	36	60	45	75
4604930	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PC	≤1%	30A	200μs	12	19	20	32
4604947	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PMMA	≤1%	30A	200μs	12	19	20	32
4604916	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PC	≤1%	30A	200μs	12	19	20	32
4604923	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PMMA	≤1%	30A	200μs	12	19	20	32

DIMENSIONS



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ACCESSORIES



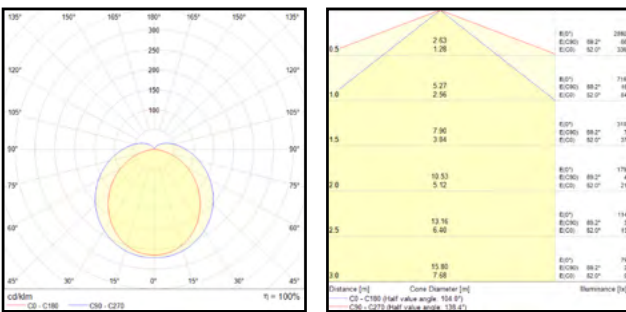
Adjustable suspension cable



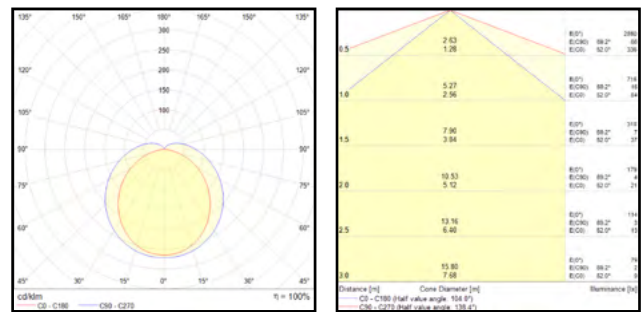
External IP65 Sensor

PHOTOMETRIC SPECIFICATIONS

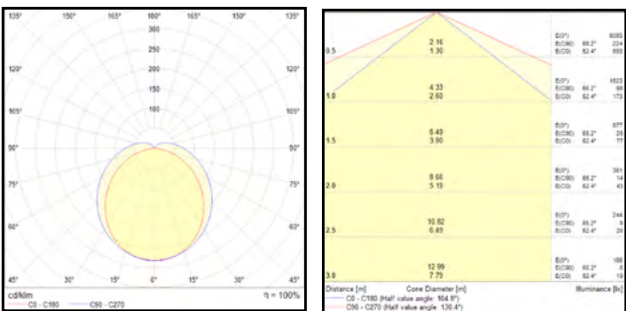
LED Waterproof Typhoon IP69K 20W 600 4000K PMMA



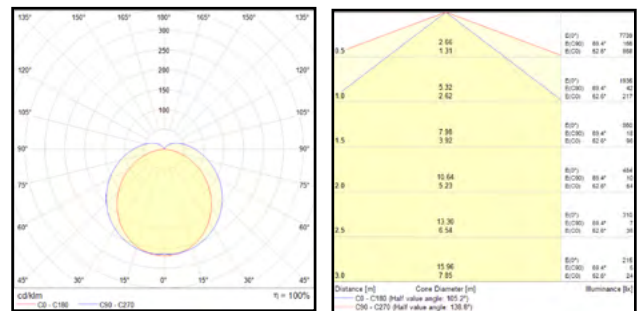
LED Waterproof Typhoon IP69K 28W 900 4000K PMMA



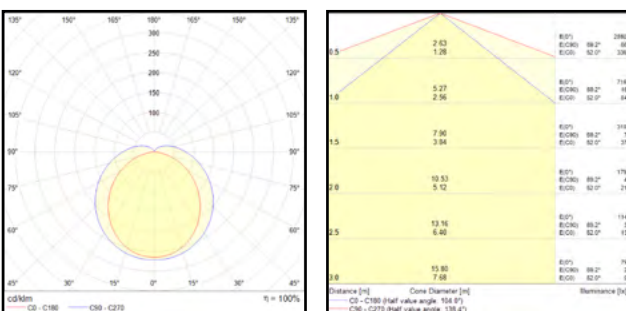
LED Waterproof Typhoon IP69K 40W 1200 4000K PMMA



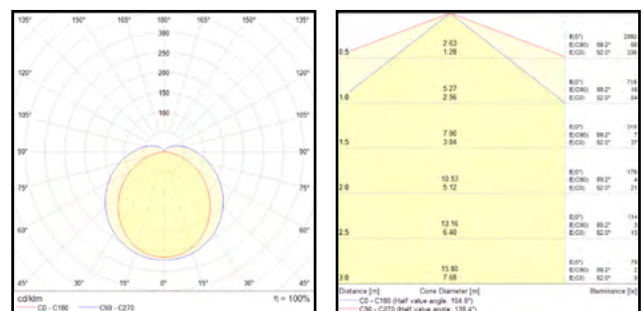
LED Waterproof Typhoon IP69K 50W 1500 4000K PMMA



LED Waterproof Typhoon IP69K 20W 600 4000K PC



LED Waterproof Typhoon IP69K 28W 900 4000K PC



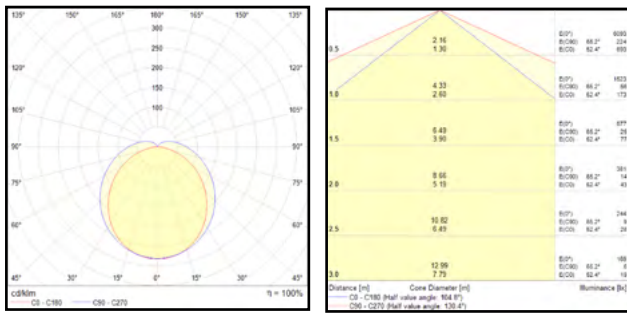
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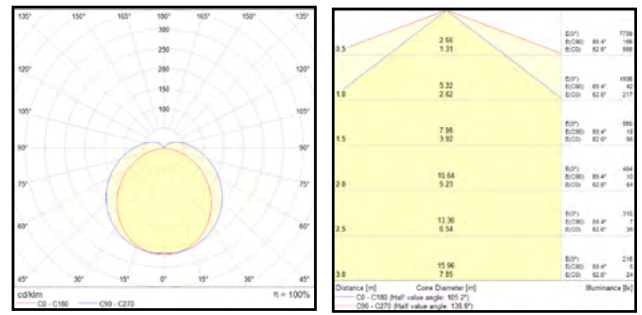
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LED WATERPROOF TYPHOON IP69K TW

LED Waterproof Typhoon IP69K 40W 1200 4000K PC



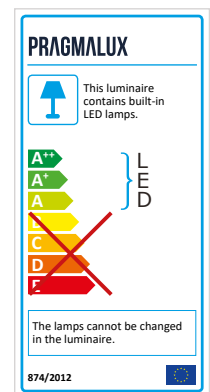
LED Waterproof Typhoon IP69K 50W 1500 4000K PC



PACKAGING INFORMATION

Item code	Description	Single box		Master carton		
		Dimensions(LxWxH) (mm)	Weight(kg)	Units per master carton	Dimensions(LxWxH) (mm)	Weight(kg)
4604978	LED Waterproof Typhoon IP69K 20W 600 4000K Incl. 3x2.5mm TW PC	843x95x80	1.55	4	850x200x170	6.73
4604985	LED Waterproof Typhoon IP69K 20W 600 4000K Incl. 3x2.5mm TW PMMA	843x95x80	1.55	4	850x200x170	6.73
4604954	LED Waterproof Typhoon IP69K 28W 900 4000K Incl. 3x2.5mm TW PC	1143x95x80	1.85	4	1150x200x170	8.11
4604961	LED Waterproof Typhoon IP69K 28W 900 4000K Incl. 3x2.5mm TW PMMA	1143x95x80	1.85	4	1150x200x170	8.11
4604930	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PC	1443x95x80	2.16	4	1450x200x170	9.54
4604947	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PMMA	1143x95x80	2.16	4	1450x200x170	9.54
4604916	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PC	1743x95x80	2.51	4	1750x200x170	11.13
4604923	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PMMA	1743x95x80	2.51	4	1750x200x170	11.13

APPLICATIONS



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