

# TYPHOON IP69K LED WATERPROOF

**PRAGMALUX**  
PROFESSIONAL LIGHTING



## KEY FEATURES

- Professional IP68/IP69K Waterproof fixture
- HACCP suitable
- IP69K ISO 20653: 2013 Dust and water proof
- Standard with 3x2.5mm<sup>2</sup> through wiring and 2 fast connectors
- Supplied with stainless steel INOX316 clips and mounting bracket
- Included Premium Tridonic LED Driver
- 140+ lumen per watt
- 5 year Pragmalux Warranty

IP68/IP69K IK10 850°<sub>GWT</sub> 650°<sub>GWT</sub> 144<sub>LM/W</sub> THROUGH-WIRING 3X2.5MM<sup>2</sup> 120°

**5** PRAGMALUX  
YEAR  
WARRANTY

## DETAILS



Suspended version



Connector

## OPTIONS

**3000K 6500K CRI90**

## ACCESSORIES



Bracket  
Included



Fast connector  
Included



Suspension cable



External sensor

## 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	2500	125	4000	≥80	0.1	76000	2x18W TL	120°
4604985	LED Waterproof Typhoon IP69K 20W 600 4000K Incl. 3x2.5mm TW PMMA	20	2700	135	4000	≥80	0.1	76000	2x18W TL	120°
4604954	LED Waterproof Typhoon IP69K 28W 900 4000K Incl. 3x2.5mm TW PC	28	3500	125	4000	≥80	0.14	76000	1x58W TL	120°
4604961	LED Waterproof Typhoon IP69K 28W 900 4000K Incl. 3x2.5mm TW PMMA	28	3800	136	4000	≥80	0.14	76000	1x58W TL	120°
4604930	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PC	40	5100	128	4000	≥80	0.2	76000	2x36W TL	120°
4604947	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PMMA	40	5400	135	4000	≥80	0.2	76000	2x36W TL	120°
4604916	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PC	50	6700	134	4000	≥80	0.25	76000	2x58W TL	120°
4604923	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PMMA	50	7200	144	4000	≥80	0.25	76000	2x58W TL	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 <sup>2</sup> wire
Total harmonic distortion	≤ 20 %

## 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 ( Reflector)	PC/PMMA

## CERTIFICATES & STANDARDS

Driver certificates	CE / ENEC
Fixture certificates	CE
Ingress protection	IP68 & IP69K
Protection class	I
Protection class IK	10
Glow Wire Test ( IEC 695-2-1)	650°C (PMMA) / 850°C (PC)
Photobiological safety group EN62778	RG0

## CAPABILITIES

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

## PRAGMALUX

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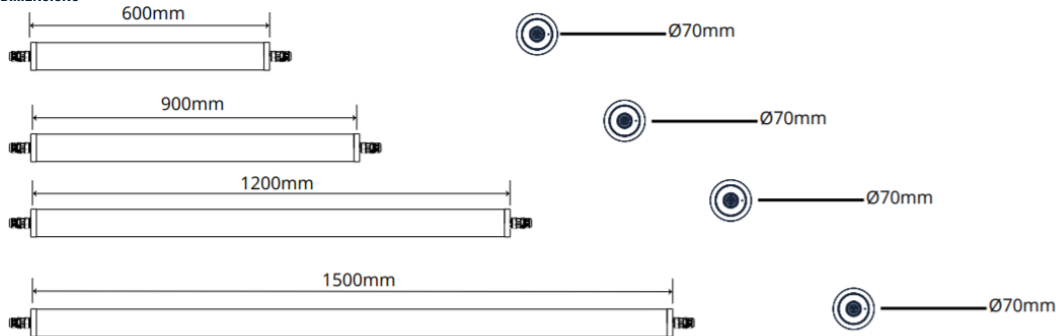
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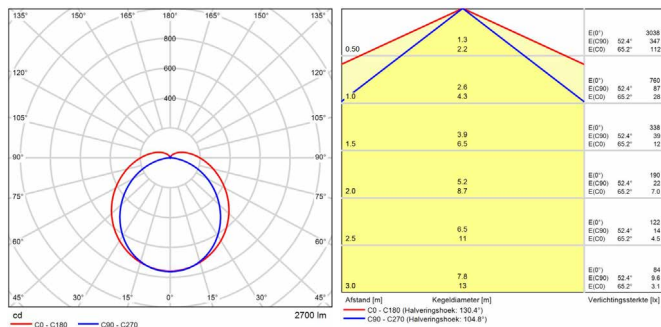
ITEM CODE	DESCRIPTION	DRIVER FAILURE RATE AT 5.000H	INRUSH CURRENT IPEAK (A)	INRUSH CURRENT TWIDTH (µs)	MAX. NO. OF DRIVERS ON MCB TYPE B 10A	MAX. NO. OF DRIVERS ON MCB TYPE B 16A	MAX. NO. OF DRIVERS ON MCB TYPE C 10A	MAX. NO. OF DRIVERS ON MCB TYPE C 16A
4604978	LED Waterproof Typhoon IP69K 20W 600 4000K Incl. 3x2.5mm TW PC	≤1%	8	80	65	110	75	120
4604985	LED Waterproof Typhoon IP69K 20W 600 4000K Incl. 3x2.5mm TW PMMA	≤1%	8	80	65	110	75	120
4604954	LED Waterproof Typhoon IP69K 28W 900 4000K Incl. 3x2.5mm TW PC	≤1%	10	100	36	60	45	75
4604961	LED Waterproof Typhoon IP69K 28W 900 4000K Incl. 3x2.5mm TW PMMA	≤1%	10	100	36	60	45	75
4604930	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PC	≤1%	30	200	12	19	20	32
4604947	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PMMA	≤1%	30	200	12	19	20	32
4604916	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PC	≤1%	30	200	12	19	20	32
4604923	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PMMA	≤1%	30	200	12	19	20	32

## DIMENSIONS

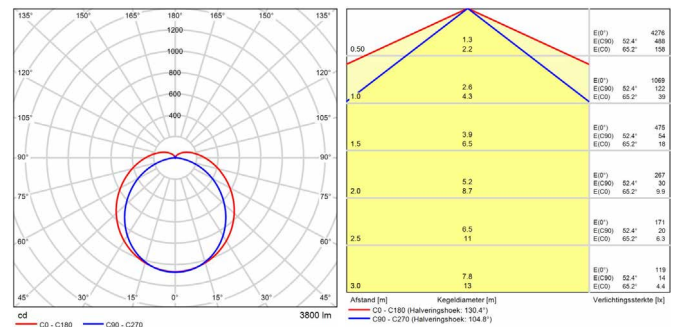


## PHOTOMETRIC SPECIFICATIONS

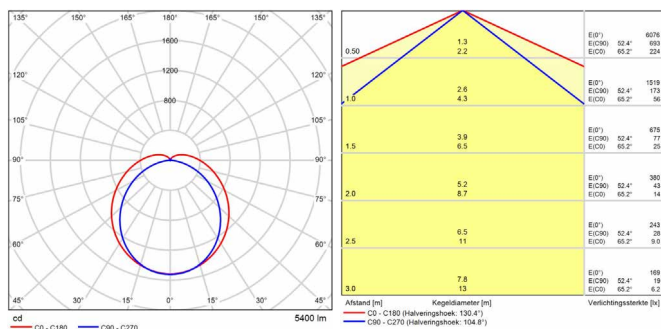
### LED WATERPROOF TYPHOON IP69K 20W 2700LM 4000K PMMA



### LED WATERPROOF TYPHOON IP69K 28W 3800LM 4000K PMMA



### LED WATERPROOF TYPHOON IP69K 40W 5400LM 4000K PMMA



### LED WATERPROOF TYPHOON IP69K 50W 7200LM 4000K PMMA

