



## 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
- Long lifetime L80B10 100.000 / L90B50 >50.000
- 140+ lumen per watt
- 5 year Pragmalux Warranty

IP68/IP69K IK10 850°GWT 650°GWT 144LM/W 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  
4609904

## SPECIFICATIONS

ITEM CODE	DESCRIPTION	W	LM	LM/W	KELVIN	CRI	INPUT CURRENT	LIFETIME L80	EQUIVALENT	BEAM ANGLE
4604978	LED Waterproof Typhoon IP69K 20W 600 4000K Incl. 3x2.5mm TW PC	20	2500	125	4000	≥80	0.1	100000	2x18W TL	120°
4604985	LED Waterproof Typhoon IP69K 20W 600 4000K Incl. 3x2.5mm TW PMMA	20	2700	135	4000	≥80	0.1	100000	2x18W TL	120°
4604930	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PC	40	5100	128	4000	≥80	0.2	100000	2x36W TL	120°
4604947	LED Waterproof Typhoon IP69K 40W 1200 4000K Incl. 3x2.5mm TW PMMA	40	5400	135	4000	≥80	0.2	100000	2x36W TL	120°
4604916	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PC	50	6700	134	4000	≥80	0.25	100000	2x58W TL	120°
4604923	LED Waterproof Typhoon IP69K 50W 1500 4000K Incl. 3x2.5mm TW PMMA	50	7200	144	4000	≥80	0.25	100000	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

**IEC** EN IEC 62722-2-1

**LM80 (TM21 /) L90B50 (hours)** >50,000

### CAPABILITIES

**UGR** ≤25-30

**Dimmable** No

**Type of connection** Push Terminal, 3-pole

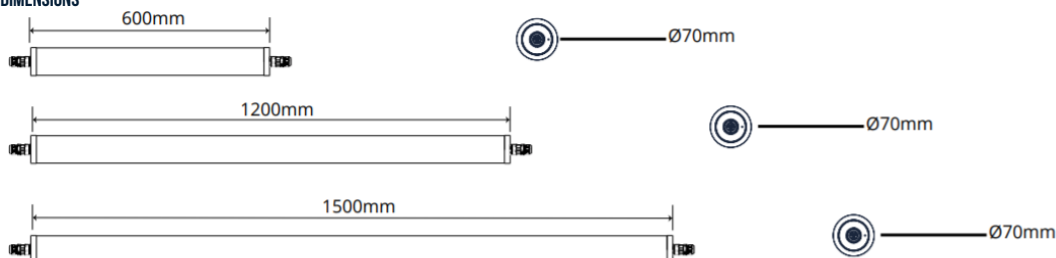
**LED Module replacable** No

**Installation** Through-wiring possible

# TYPHOON IP69K LED WATERPROOF

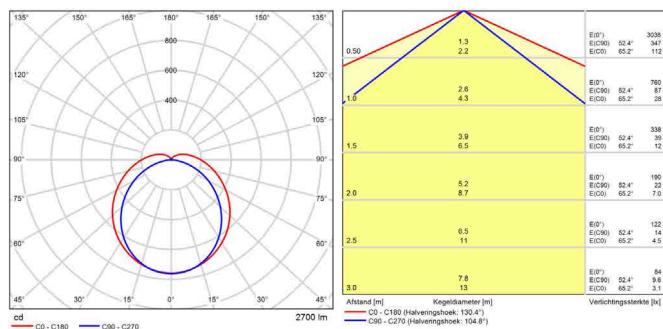
ITEM CODE	DESCRIPTION	DRIVER FAILURE RATE AT 5.000H	INRUSH CURRENT IPEAK (A)	INRUSH CURRENT T2WIDTH (µs)	MAX. NO. OF DRIVERS ON MCB TYPE B 10A	MAX. NO. OF DRIVERS ON MCB TYPE B 16A	MAX. NO. OF DRIVERS ON MCB TYPE C 10A	MAX. NO. OF DRIVERS ON MCB TYPE C 16A
4604978	LED Waterproof Typhoon IP69K 20W 600 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
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

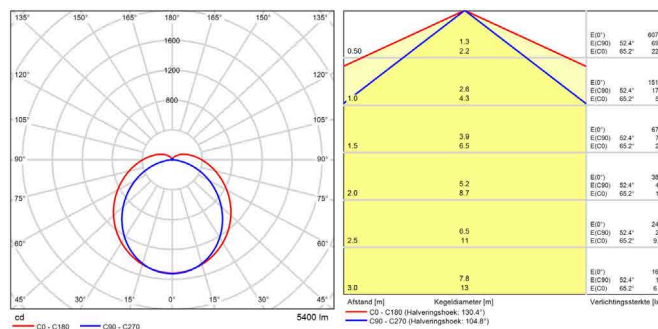


## PHOTOMETRIC SPECIFICATIONS

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



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



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

