

SmartBright LED Waterproof (WT099)



- Up to 50% lower energy consumption compared to TL-D
- Reliable LED technology – maintenance free
- Direct substitute to conventional waterproofs in light performance, installation flexibility & length
- Substitute available for 2X18W/1X36W/2X36W/1X58W/2X58W TL-D

Application



* Comparing to TCW060 TL-D

PHILIPS

Product category-LED waterproof

Product family

Parameters

Positioning

SmartBright WT099C



- 4800/3800/1800/2000/1000lm
- IP65/ IK06
- 25,000 hrs lifetime
- Without breather,

Trade

- Good protective function
- Good light effect

Essential SmartBright

To be introduced in Q2/Q3

2 PC injection process with clip (TCW060)



Flip design:
More steps installation, high cost



Plastic clips may have ageing crack that causes water leakage



Bulky



LED tube:

Might generate extra heat that disable IP capability or early failure of the tube

T8 tube:

Shorter lifetime and high maintenance cost, need to replace from time to time

1PC dual-color extrusion process and clip-less (WT099C)
unreplaceable, durable and maintenance-free

Integrated design:
UV-shielding PC: safe and reliable



Dow Corning 744 sealant for water proof



Easy to install:
Stainless steel bracket (in package) sliding groove for changeable installation place with ease

Cold light source:
long lifetime, lamp cover is free from heat to avoid yellowing and cracking

All-in-one design:

built-in LED chip and driver
have all test report including IP and thermal dissipation
25,000hrs lifetime, maintenance-free,
Genuine IP65, IK06

SmartBright Waterproof: easier installation+ maintenance free, high efficiency, long life time

PHILIPS

Product Specification

Product family	WT099C				
	LED Waterproof				
System output	4800lm	3800lm	1800lm	2000lm	1000lm
System power	46W	36W	20W	21W	11W
Length	1450*50*70mm	1168*50*70mm		604*50*70mm	
Weight	1.2kg	0.9kg		0.5kg	
CCT	CW(6500K)/ NW (4000K)				
CRI	CRI >80				
SDCM	SDCM<5				
Photometric	Symmetrical				
Lifetime	25,000hrs (L70) @Ta25C				
Control	PSU				
LED chip	Philips Lumileds				
LED driver	Philips Xitanium (1.5m only) , Philips (the others)				
Power factor	0.9				
Materials	Shading side: PC				
	Diffusion side: UV-shielding & PC for thermal stability				
	Sealant: DoW Corning744				
	Accessories: SUS301 stainless steel				
	Breather: not installed				
IP rating	IP65				
IK rating	IK06				
Operation Temp.	-20C~+35C				
Classification	Class I				
Input Voltage	220-240V, 50/60 Hz				
Color	Beige RAL7044				
Installation	Surface; Suspension				
Certificate	CB/EMC/AU&NZ/CE				

Ordering

Replacement	12NC	Description	System lumen	CCT	Power	Length	Control
1x36W/ 1x28W	911401553721	WT099C LED18 CW PSU L1200	1800lm	6500K	20W	1168mm	PSU
2x36W/ 2x28W	911401553621	WT099C LED36 CW PSU L1200	3800lm	6500K	36W	1168mm	PSU
2x58W/ 2x49W	911401554421	WT099C LED45 CW PSU L1500	4800lm	6500K	46W	1450mm	PSU

