

# 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



Factory



Parking lot



Semi-outdoor



50%  
energy savings  
possible\*

\* 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)

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



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

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

