



# An easily installed, reliable waterproof luminaire

## GreenPerform Waterproof Tubular

GreenPerform Waterproof Tubular delivers on the GreenPerform promise of innovative, high-quality luminaires. A reliable, efficient luminaire with long lifetime, GreenPerform Waterproof Tubular comes in two versions to meet various applications needs. The ammonia-resistant and sealed luminaire (PMMA) is suitable for animal lighting, livestock and food applications, while the PC version offers a modern and industrial design that is suitable for a wide range of general lighting applications. Both versions come with significant dust, water and impact protection.

### Benefits

- Enhanced energy saving
- Reliable
- Ideal for multiple applications
- Quick installation

### Features

- Up to 130lm/W
- 50khrs L80B50 lifetime, IP67/IP69K/IK06 (PMMA), IP68/IK10 (PC)
- animal farms or food processing (PMMA version), industrial application (PC version), and parking or high rank waterproof applications
- through wiring installed with external push in connector

### Application

- Animal farms
- General Industry
- Parking garages
- Food factory

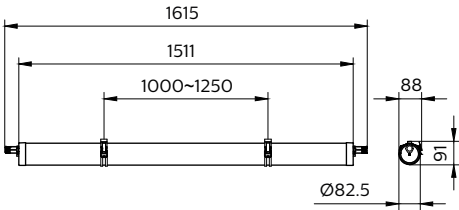
# GreenPerform Waterproof Tubular

## Specifications

Mounting type	Suspended
	Surface
Operating Temperature range	-20 to +40 °C
Light Source	LED
Mains Voltage	220-240V / 50-60Hz
Mains connection	Push-in connector with pull relief
	Through wiring ready
Mechanical Accessories	Clips
	Suspension kits
Dimming	PSU: non-dimmable
Lumen maintenance at median useful life 50.000h	L80
Flicker / Pst / SVM	<4%
Luminous flux	3.9klm / 5klm / 7klm
Power consumption	28W / 39W / 54W

Luminaire efficacy	Up to 130lm/W
Correlated color temperature - CCT	4000K
Color Rendering index - CRI	6500K
Beam angle	80
Optical cover/lens material	Lambertian
Optical cover/lens finish	PC / PMMA
Protection Class	Opal
IEC61140	Class I
Mechanical impact protection	IK06 (PMMA) / IK10 (PC)
Ingress protection	IP67 (PMMA) / IP68 (PC)
Driver replaceable	No

## Dimensional drawing



GreenPerform Waterproof Tubular

Light Technical	
Color rendering index (CRI)	>80
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	White
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	No
Flammability mark	For mounting on normally flammable surfaces
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

		Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
Order Code	Full Product Name			
911401876584	WT228C LED50S/840 PSU L1200 TW	4000 K	130 lm/W	5,000 lm
911401876684	WT228C LED50S/865 PSU L1200 TW	6500 K	130 lm/W	5,000 lm
911401876784	WT228C LED70S/840 PSU L1500 TW	4000 K	130 lm/W	7,000 lm
911401876884	WT228C LED39S/840 PSU L1500 TW	4000 K	139 lm/W	3,900 lm
911401876284	WT238C LED50S/840 PSU L1200 TW GM	4000 K	130 lm/W	5,000 lm
911401876384	WT238C LED50S/865 PSU L1200 TW GM	6500 K	130 lm/W	5,000 lm
911401876484	WT238C LED70S/840 PSU L1500 TW GM	4000 K	130 lm/W	7,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401876584	WT228C LED50S/840 PSU L1200 TW	39 W
911401876684	WT228C LED50S/865 PSU L1200 TW	39 W
911401876784	WT228C LED70S/840 PSU L1500 TW	54 W
911401876884	WT228C LED39S/840 PSU L1500 TW	28 W

Order Code	Full Product Name	Power Consumption
911401876284	WT238C LED50S/840 PSU L1200 TW GM	39 W
911401876384	WT238C LED50S/865 PSU L1200 TW GM	39 W
911401876484	WT238C LED70S/840 PSU L1500 TW GM	54 W

Mechanical and Housing

			Mech. impact protection code	Ingress protection code
Order Code	Full Product Name	Optical cover type		
911401876584	WT228C LED50S/840 PSU L1200 TW	Acrylate	IK06	IP67
911401876684	WT228C LED50S/865 PSU L1200 TW	Acrylate	IK06	IP67
911401876784	WT228C LED70S/840 PSU L1500 TW	Acrylate	IK06	IP67
911401876884	WT228C LED39S/840 PSU L1500 TW	Acrylate	IK06	IP67

			Mech. impact protection code	Ingress protection code
Order Code	Full Product Name	Optical cover type		
911401876284	WT238C LED50S/840 PSU L1200 TW GM	Polycarbonate bowl/cover clear	IK10	IP68
911401876384	WT238C LED50S/865 PSU L1200 TW GM	Polycarbonate bowl/cover clear	IK10	IP68
911401876484	WT238C LED70S/840 PSU L1500 TW GM	Polycarbonate bowl/cover clear	IK10	IP68

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401876584	WT228C LED50S/840 PSU L1200 TW	(0.38,0.38)<3

Order Code	Full Product Name	Initial chromaticity
911401876684	WT228C LED50S/865 PSU L1200 TW	(0.313,0.337)<3

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Order Code	Full Product Name	Initial chromaticity
911401876784	WT228C LED70S/840 PSU L1500 TW	(0.38,0.38)<3
911401876884	WT228C LED39S/840 PSU L1500 TW	(0.38,0.38)<3
911401876284	WT238C LED50S/840 PSU L1200 TW GM	(0.38,0.38)<3

Order Code	Full Product Name	Initial chromaticity
911401876384	WT238C LED50S/865 PSU L1200 TW GM	(0.313,0.337)<3
911401876484	WT238C LED70S/840 PSU L1500 TW GM	(0.38,0.38)<3

