



# 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

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

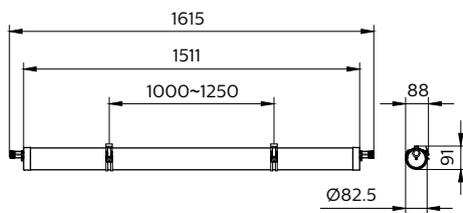
<b>Luminaire efficacy</b>	Up to 130lm/W
<b>Correlated color temperature - CCT</b>	4000K
<b>Color Rendering index - CRI</b>	6500K
<b>Beam angle</b>	80
<b>Optical cover/lens material</b>	Lambertian
<b>Optical cover/lens finish</b>	PC / PMMA
<b>Protection Class</b>	Opal
<b>IEC61140</b>	Class I
<b>Mechanical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

## Versions



GreenPerform Waterproof Tubular SPP

## Dimensional drawing



# GreenPerform Waterproof Tubular

## Light Technical

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

## Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	
		Temperature (Nom)	(rated) (Nom)	Luminous Flux
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

Order Code	Full Product Name	Optical cover type	Mech.	Ingress
			impact protection code	protection code
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

Order Code	Full Product Name	Optical cover type	Mech.	Ingress
			impact protection code	protection code
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

