



**PHILIPS**

GreenPerform  
Waterproof Batten

WT198C, WT198X / WT120C



The image shows a modern parking garage with a concrete ceiling and floor. Several long, white, rectangular light fixtures are mounted on the ceiling, providing bright illumination. The fixtures are connected to a metal track system. In the background, there are concrete pillars with circular cutouts and a wall with a red and white stripe. The overall atmosphere is clean and professional.

# Philips GreenPerform Waterproof Batten

Series WT198C / WT120C

High-performance, versatile and connected  
lighting solutions for professionals



# Philips GreenPerform Waterproof Batten

Energy efficient, high performance,  
connected.


The GreenPerform Waterproof batten is a high quality, easy to use luminaire that is ideal for new installations or retrofit older applications that used traditional fluorescent lamps ranging from 18W up to 58W.


Offering a slim and stylish design the GreenPerform WP Batten provides a wide-beam\* light distribution for straight-forward and effective lighting. In addition to DALI and Interact Ready, luminaires with Motion Detection Units and emergency versions are also available in the range.


\*PCO optic also available in WT198





## Features

 Uniform, wide-beam light distribution – supports easy and attractive lighting design.

 Energy efficient and long lifetime increases ROI – up to 140lm/W and 50k hrs L75 lifetime.

 Many versions available: L600/1200/1500, up to 8000lm – emergency, DALI and Interact Ready versions.

 Longer sliders, faster lock opening and toolless electrical connections - Innovative electrical and mechanical design supports easy installation.

 Integrated Motion Detection Units (MDU) available – microwave sensors enable luminaires to switch on / off pending people or cars moving.

**IP65  
IK08**

**50,000  
hours  
Rated  
Life**

**5  
year  
warranty**

**Superior  
optics**

**Integrated  
motion  
detection**

**interact  
ready.**

## Applications



Under canopy lighting



Warehousing and parking garages

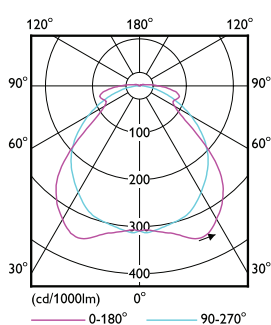


General industrial applications

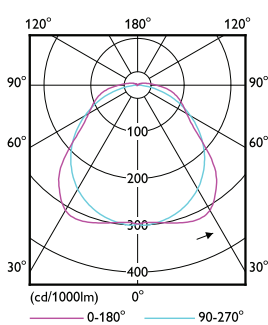
# Technical specifications

<b>Model</b>	GreenPerform Waterproof Batten – WT198C / WT120C				
<b>Type</b>	LED19S/840 xxx L600	LED27S/840 xxx L1200	LED40S/840 xxx L1200	LED60S/840 xxx L1500	LED80S/840 xxx L1500
<b>Absolute lumens (lm*)</b>	1900lm (WB) / 1800lm (PCO)	2700lm (WB) / 2500lm (PCO)	4000 (WB) / 3700 (PCO)	6000 (WB) / 5700 (PCO)	8000 (WB) / 7500 (PCO)
<b>System efficacy (lm/W)</b>	119 - 140lm/W				
<b>CCT (K)</b>	4000 (Standard) / 6500 (ETO*)				
<b>CRI</b>	> 80				
<b>SDCM</b>	3				
<b>Beam angle</b>	Wide Beam				
<b>IP / IK rating</b>	IP65 / IK08				
<b>Operating temperature</b>	-25°C ~ +40°C (PSU)				
<b>Lifetime</b>	50,000hrs (L70B50 @ Ta 25°C)				
<b>Input voltage</b>	220 to 240 V				
<b>Power factor</b>	> 0.9				
<b>Electrical class</b>	Class I				
<b>Driver</b>	DALI (PSD), Interact Ready				
<b>Mounting type</b>	Surface mount or suspension				
<b>Housing colour</b>	Grey				
<b>Material</b>	Polycarbonate				

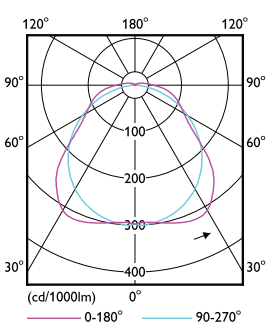
## Polar intensity diagrams \*



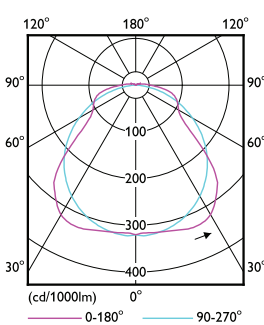
WT198C LED19S xxx L600



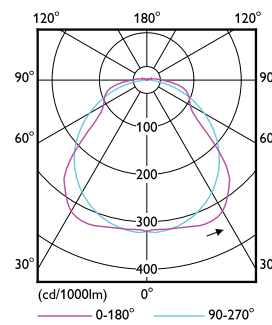
WT120C LED27S xxx L1200



WT120C LED40S xxx L1200



WT120C LED60S xxx L1500

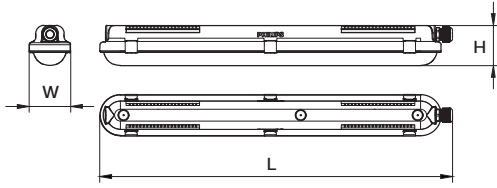


WT198C LED80S xxx L1500

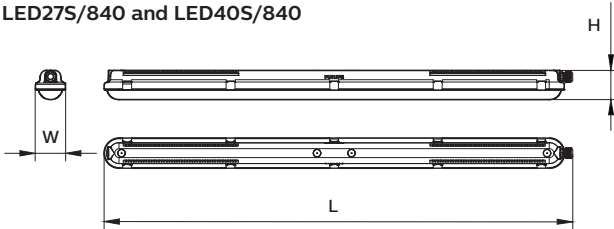
\*WB optic

# Dimensions

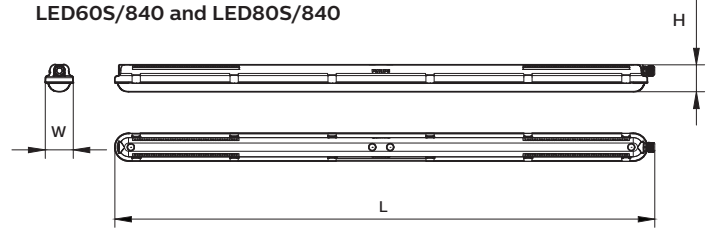
## LED19S/840



## LED27S/840 and LED40S/840

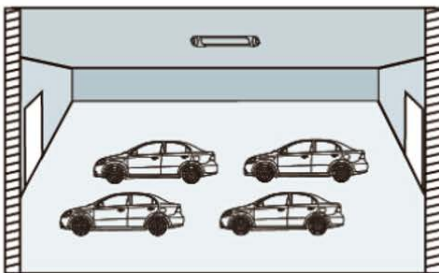


## LED60S/840 and LED80S/840

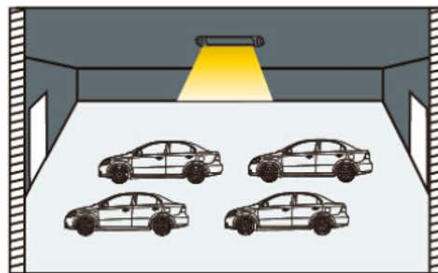


Type	LED19S/840 xxx L600	LED27S/840 xxx L1200	LED40S/840 xxx L1200	LED60S/840 xxx L1500	LED80S/840 xxx L1500
Length (mm)	665	1,215	1,215	1,515	1,515
Width (mm)	80	80	80	80	80
Height (mm)	76	76	76	76	76
Weight (Kg)	0.8	1.4	1.4	1.7	1.7

# Motion detection unit



With sufficient ambient light, the light will not be switched on, even with motion signal.



With insufficient ambient light, the sensor switches on the light when motion is detected.



After elapse of hold time, the sensor switches off the light when no motion is detected..

# Order placement information

12NC – order code	Technical Description	Specification
911401562761	WT198C LED27S/840 PSD L1200	2700lm, CRI80, DALI, Wide Beam Optic, 1,200mm
911401562861	WT198C LED40S/840 PSD L1200	4000lm, CRI80, DALI, Wide Beam Optic, 1,200mm
911401562961	WT198C LED60S/840 PSD L1500	6000lm, CRI80, DALI, Wide Beam Optic, 1,500mm
911401563061	WT198C LED80S/840 PSD L1500	8000lm, CRI80, DALI, Wide Beam Optic, 1,500mm
911401825980	WT198C LED80S/840 PSU L1500	8000lm, CRI80, fixed output, Wide Beam Optic, 1,500mm
911401825880	WT198C LED60S/840 PSU L1500	6000lm, CRI80, fixed output, Wide Beam Optic, 1,500mm
911401825780	WT198C LED40S/840 PSU L1200	4000lm, CRI80, fixed output, Wide Beam Optic, 1,200mm
911401825680	WT198C LED27S/840 PSU L1200	2700lm, CRI80, fixed output, Wide Beam Optic, 1,200mm
911401825580	WT198C LED19S/840 PSU L600	1900lm, CRI80, fixed output, Wide Beam Optic, 600mm
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	4000lm, CRI80, fixed output, emergency 3h, Wide Beam Optic, 1,200mm
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	6000lm, CRI80, fixed output, emergency 3h, Wide Beam Optic, 1,500mm
910505100067	WT120C G2 LED60S/840 PSU MDU L1500	6000lm, CRI80, fixed output, Motion Detection Unit, Wide Beam Optic, 1,500mm
910505100040	WT120C G2 LED27S/840 PSU MDU L1200	2700lm, CRI80, fixed output, Motion Detection Unit, Wide Beam Optic, 1,200mm
910505100048	WT120C G2 LED40S/840 PSU MDU L1200	4000lm, CRI80, fixed output, Motion Detection Unit, Wide Beam Optic, 1,200mm
911401550281	WT198X LED60S/840 WIA L1500	GreenPerform WP Batten, 6000lm, CRI80, Interact Ready, no sensor, Wide Beam Optic, 1,500mm
911401550381	WT198X LED82S/840 WIA L1500	GreenPerform WP Batten, 8200lm, CRI80, Interact Ready, no sensor, Wide Beam Optic, 1,500mm
911401550181	WT198X LED40S/840 WIA L1200	GreenPerform WP Batten, 4000lm, CRI80, Interact Ready, no sensor, Wide Beam Optic, 1,200mm
911401550081	WT198X LED28S/840 WIA L1200	GreenPerform WP Batten, 2800lm, CRI80, Interact Ready, no sensor, Wide Beam Optic, 1,200mm
911401549981	WT198X LED20S/840 WIA L600	GreenPerform WP Batten, 2000lm, CRI80, Interact Ready, no sensor, Wide Beam Optic, 600mm



© 2021 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. All other trademarks are owned by Signify Holding or their respective owners.

Version: November 2021

**Signify Australia Limited**  
T: 1300 110 500

[www.philips.com/lighting](http://www.philips.com/lighting)