Energy-efficient lighting for industrial and commercial applications

Greenperform Waterproof

GreenPerform LED Waterproof is a high quality luminaire with a high system efficacy that delivers significant energy savings of up to 50% as compared to conventional T8 battens. With a reliable and robust housing structure, this maximizes the endurance and contributes to its long lifetime. It is suitable to be used in both direct and indirect lighting applications. This is due to its flexible optics and choice of symmetric or asymmetric mounting accessories that allows for a variety of different lighting applications.

Benefits
• Good energy savings
• Easy to install for various applications
• Quality lighting with good color uniformity
• Reliable and sustainable lifetime

Features
• System efficacy of more than 90lm/w
• stand alone and continuous version
• IP65 and IK08 ratings
• Lifetime of 50,000 hours with 70% lumen maintained

Application
• Industry – Automotive assembly line, Food and beverage general areas
• Corridors / walkways
• Indoor car parks

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Versions

WT160C LED20

Application Conditions

Ambient temperature range	-25 to +40 °C
Suitable for random switching	Not applicable

Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP65

Controls and Dimming

Dimmable	No

Operating and Electrical

Input Voltage	220-240 V

General Information

Beam angle of light source	120 °
CE mark	-
Protection class IEC	Safety class I (I)
Optical cover/lens type	LIN-PC
Driver included	Yes
ENEC mark	-
Flammability mark	F
Gear	-
Light source replaceable	No
Number of gear units	1 unit
Optic type	WB
UL mark	-

Initial Performance (IEC Compliant)

Initial chromaticy	(0.38, 0.38) SCDM <4
Init. Colour Rendering Index	80
Initial LED luminaire efficacy	110.000 lm/W
Luminous flux tolerance	+/-7.5%

Mechanical and Housing

Colour	Gray and white

General Information

Order Code	Full Product Name	Glow-wire test	Lamp family code
01512611	WT160C LED20 NW L1200	650/30	LED22S
01513111	WT160C LED40 CW L1200	650/5	LED44

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Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power
01512611	WT160C LED20 NW L1200	4000 K	2200 lm	20 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power
01513111	WT160C LED40 CW L1200	6500 K	4400 lm	40 W