



# Essential Smartbright IP65 Batten

## WT150C LED 20S 4000 PSU L120

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The Essential SmartBright Waterproof is the highly efficient and reliable value for money IP65 LED lighting solution. The luminaire and its components are designed for both indoor and semi-outdoor application (anti-UV PC material housing and diffuser), it is an ideal lighting solution for warehouse, food industry, parking garages, car washers. Beyond that, Essential SmartBright batten comes with class B serviceability and provide reliable performance for 30K hrs.

### Warnings and Safety

- Meant for use in Indoor Industrial environment only

### Product data

General Information	
Driver included	Yes
Light source engine type	LED
Warranty period	2 years
Flammability mark	For mounting on normally flammable surfaces
Light Technical	
Luminous Flux	2,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 120°

Optical cover type	Polycarbonate Diffuser
Luminaire light beam spread	120°
Operating and Electrical	
Input Voltage	140-270 V
Line Frequency	50 Hz
Power Consumption	16 W
Power Factor (Fraction)	0.85
Temperature	
Ambient temperature range	0 to +45 °C
Controls and Dimming	
Dimmable	No

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Control interface	-
<b>Mechanical and Housing</b>	
Housing Material	Co-Extrusion Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Mounting device	Click Fix Mounting bracket (Surface & Suspended)
Material	Polycarbonate
<b>Approval and Application</b>	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Surge protection level until 2.5 kV
Protection class IEC	Safety class I

<b>Initial Performance (IEC Compliant)</b>	
Initial chromaticity	<5
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
Median useful life L70B50	30,000 hour(s)
<b>Product Data</b>	
Order product name	WT150C LED 20S 4000 PSU L120
Full product name	WT150C LED 20S 4000 PSU L120
Order code	919515813161
Material Nr. (12NC)	919515813161
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	9

## Dimensional drawing

Product: Essential SmartBright IP65 Batten  
Type: WT150C  
Application: Indoor Industrial

