

Essential Smartbright waterproof is Slim and elegant, offers reliable performance in all weather conditions. It is strong, IP65 and IK06 and provides value for money.

# **Essential Smartbright waterproof**

Essential Smartbright slim waterproof

#### **Benefits**

- · Slim and Elegant
- · Value for Money
- Easy installation

# **Essential Smartbright waterproof**

### **Features**

- · Slim Design
- 20K hours life
- 2 Years warranty
- · IP65, IK06
- · Installation accessories included

### **Application**

- Parking Garages
- Offices
- Residential

#### Versions



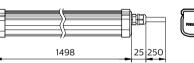
Essential Smartbright Slim Waterproof

Essential Smartbright Slim Waterproof

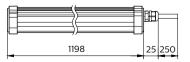
## Dimensional drawing











# **Essential Smartbright waterproof**

General Information  Driver included  Ves  Light source replaceable  No  Number of gear units  1 unit  Light Technical  Beam angle of light source  Color rendering index (CRI)  Luminous Efficacy (rated) (Nom)  Optic type  Beam angle 120°  Operating and Electrical  Protection class IEC  Input Voltage  Line Frequency  Controls and Dimming  Dimmable  No  Maximum dim level  Not applicable  Mechanical and Housing  Optical cover type  Polycarbonate bowl/cover  Housing Color  White  Mech. impact protection code Ingress protection code Ingress protection code Ingress protection code  Nebel Ingress protection code  ENEC mark  Yes  ENEC mark  Plammability mark  Glow-wire test  Temperature 650  °C, duration 30 s  Initial Performance (IEC Compliant)  Luminous flux tolerance  Vedian useful life L80B50  Median useful life L80B50  No  7,330 hour(s)  Median useful life L90B50  7,330 hour(s)		
Light source replaceable Number of gear units  Light Technical Beam angle of light source Color rendering index (CRI) Optic type Beam angle 120° Operating and Electrical Protection class IEC Safety class II Input Voltage Line Frequency So or 60 Hz  Controls and Dimming Dimmable Not applicable  Mechanical and Housing Optical cover type Housing Color Hech. impact protection code Ingress pr	General Information	
Number of gear units  Light Technical  Beam angle of light source Color rendering index (CRI) Copressing and Electrical Protection class IEC Input Voltage Line Frequency So or 60 Hz  Controls and Dimming Dimmable Maximum dim level  Mechanical and Housing Optical cover type Polycarbonate bowl/cover Housing Color White Mech. impact protection code Ingress Polycarbonate Sould Application Ambient temperature range CE mark Flammability mark Glow-wire test Flammability mark Glow-wire test Flammabile Compliant Luminous flux tolerance Flact Compliant Cover Time Performance (IEC Compliant) Driver failure rate at 5000 h Ooo4 % Median useful life L80B50 Initial Performance (IEC Compliant) Driver failure rate at 5000 h Ooo4 % Median useful life L80B50 Initial Performance (IEC Compliant) Driver failure rate at 5000 h Ooo04 % Median useful life L80B50 Initial Performance (IEC Compliant) Driver failure rate at 5000 h Ooo04 % Median useful life L80B50 Initial Performance (IEC Compliant) Initial Performance (IEC Compliant) Driver failure rate at 5000 h Initial Performance (IEC Compliant)	Driver included	Yes
Light Technical  Beam angle of light source 120 degree(s)  Color rendering index (CRI) >70  Luminous Efficacy (rated) (Nom) 90 lm/W  Optic type Beam angle 120°  Operating and Electrical  Protection class IEC Safety class II Input Voltage 220 to 240 V  Line Frequency 50 or 60 Hz  Controls and Dimming Dimmable No Maximum dim level Not applicable  Mechanical and Housing  Optical cover type Polycarbonate bowl/cover  Housing Color White  Mech. impact protection code IK06 Ingress protection code IP65  Approval and Application  Ambient temperature range -20 °C to 40 °C  CE mark Yes  ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	Light source replaceable	No
Beam angle of light source  Color rendering index (CRI) >70  Luminous Efficacy (rated) (Nom) 90 lm/W  Optic type Beam angle 120°  Operating and Electrical  Protection class IEC Safety class II Input Voltage 220 to 240 V  Line Frequency 50 or 60 Hz  Controls and Dimming  Dimmable No Maximum dim level Not applicable  Mechanical and Housing  Optical cover type Polycarbonate bowl/cover  Housing Color White  Mech. impact protection code IK06 Ingress protection code IP65  Approval and Application  Ambient temperature range -20 °C to 40 °C  CE mark Yes  ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	Number of gear units	1 unit
Beam angle of light source  Color rendering index (CRI) >70  Luminous Efficacy (rated) (Nom) 90 lm/W  Optic type Beam angle 120°  Operating and Electrical  Protection class IEC Safety class II Input Voltage 220 to 240 V  Line Frequency 50 or 60 Hz  Controls and Dimming  Dimmable No Maximum dim level Not applicable  Mechanical and Housing  Optical cover type Polycarbonate bowl/cover  Housing Color White  Mech. impact protection code IK06 Ingress protection code IP65  Approval and Application  Ambient temperature range -20 °C to 40 °C  CE mark Yes  ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	13-batto-bassal	
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Luminous Efficacy (rated) (Nom)  Optic type  Beam angle 120°  Operating and Electrical  Protection class IEC  Input Voltage  Line Frequency  Controls and Dimming  Dimmable  Maximum dim level  Mechanical and Housing  Optical cover type  Polycarbonate bowl/cover  Housing Color  Mech. impact protection code  Ingress protection code  Ingress protection code  Approval and Application  Ambient temperature range  CE mark  Flammability mark  Glow-wire test  Initial Performance (IEC Compliant)  Luminous flux tolerance  Ves ENEC compliant  Driver failure rate at 5000 h  Median useful life L80B50  Safety class II  Beam angle 120°  Safety class II  Ream angle 120°  Safety class II  Safety class II  Flay Ve  So or 60 Hz  No  Polycarbonate bowl/cover  Housing Color  White  HK06  IK06  IR06  IR06		
Operating and Electrical  Protection class IEC Safety class II Input Voltage 220 to 240 V Line Frequency 50 or 60 Hz  Controls and Dimming Dimmable No Maximum dim level Not applicable  Mechanical and Housing Optical cover type Polycarbonate bowl/cover Housing Color White Mech. impact protection code IK06 Ingress protection code IP65  Approval and Application Ambient temperature range -20 °C to 40 °C CE mark Yes ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 % Median useful life L80B50 15,610 hour(s)		
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Protection class IEC Input Voltage 220 to 240 V Line Frequency 50 or 60 Hz  Controls and Dimming Dimmable No Maximum dim level Not applicable  Mechanical and Housing Optical cover type Polycarbonate bowl/cover Housing Color White Mech. impact protection code Ingress protection code Ingress protection code IRO6 Ingress protection code ENEC mark Flammability mark Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance Field Compliant Over Time Performance (IEC Compliant) Driver failure rate at 5000 h Median useful life L80B50 15,610 hour(s)	Operating and Electrical	
Input Voltage 220 to 240 V Line Frequency 50 or 60 Hz  Controls and Dimming Dimmable No Maximum dim level Not applicable  Mechanical and Housing Optical cover type Polycarbonate bowl/cover Housing Color White Mech. impact protection code IK06 Ingress protection code IP65  Approval and Application Ambient temperature range -20 °C to 40 °C CE mark Yes ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 % Median useful life L80B50 15,610 hour(s)		Safety class II
Line Frequency 50 or 60 Hz  Controls and Dimming Dimmable No Maximum dim level Not applicable  Mechanical and Housing Optical cover type Polycarbonate bowl/cover Housing Color White Mech. impact protection code IK06 Ingress protection code IP65  Approval and Application Ambient temperature range -20 °C to 40 °C CE mark Yes ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 % Median useful life L80B50 15,610 hour(s)		
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Maximum dim level  Mechanical and Housing  Optical cover type  Polycarbonate bowl/cover  Housing Color  Mech. impact protection code Ingress protection code Ingress protection code IP65  Approval and Application  Ambient temperature range  Polycarbonate bowl/cover  HK06 Ingress protection code IP65  CE mark  Yes  ENEC mark  Flammability mark  - Flammability mark  Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant)  Luminous flux tolerance  Ver Time Performance (IEC Compliant)  Driver failure rate at 5000 h  0.004 %  Median useful life L80B50  15,610 hour(s)	Line i requericy	50 01 00 112
Maximum dim level  Mechanical and Housing  Optical cover type Polycarbonate bowl/cover  Housing Color White  Mech. impact protection code IK06 Ingress protection code IP65  Approval and Application  Ambient temperature range -20 °C to 40 °C  CE mark Yes  ENEC mark Flammability mark - Flammability mark Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant)  Luminous flux tolerance  Ver Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	Controls and Dimming	
Mechanical and Housing Optical cover type Polycarbonate bowl/cover Housing Color White Mech. impact protection code IK06 Ingress protection code IP65  Approval and Application Ambient temperature range -20 °C to 40 °C CE mark Yes ENEC mark -Flammability mark -Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 % Median useful life L80B50 15,610 hour(s)	Dimmable	No
Optical cover type Polycarbonate bowl/cover  Housing Color White  Mech. impact protection code IRO6 Ingress protection code IP65  Approval and Application Ambient temperature range CE mark Plammability mark Flammability mark Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance  Ver Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 % Median useful life L80B50 15,610 hour(s)	Maximum dim level	Not applicable
Optical cover type Polycarbonate bowl/cover  Housing Color White Mech. impact protection code IK06 Ingress protection code IP65  Approval and Application Ambient temperature range -20 °C to 40 °C CE mark Plammability mark Flammability mark Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 % Median useful life L80B50 15,610 hour(s)		
Housing Color White Mech. impact protection code Ingress protection code IP65  Approval and Application Ambient temperature range -20 °C to 40 °C CE mark Yes ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 % Median useful life L80B50 15,610 hour(s)		
Housing Color  Mech. impact protection code Ingress protection code Ingress protection code IP65  Approval and Application  Ambient temperature range -20 °C to 40 °C  CE mark Yes  ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	Optical cover type	-
Mech. impact protection code IK06 Ingress protection code IP65  Approval and Application Ambient temperature range -20 °C to 40 °C CE mark Yes ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 % Median useful life L80B50 15,610 hour(s)		
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Ambient temperature range -20 °C to 40 °C CE mark Yes ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 % Median useful life L80B50 15,610 hour(s)	Approval and Application	
ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)		-20 °C to 40 °C
Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	CE mark	Yes
Glow-wire test Temperature 650 °C, duration 30 s  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	ENEC mark	-
°C, duration 30 s  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	Flammability mark	-
Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	Glow-wire test	Temperature 650
Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)		°C, duration 30 s
Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)		
Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	Initial Performance (IEC Comp	liant)
Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	Luminous flux tolerance	+/-10%
Driver failure rate at 5000 h 0.004 %  Median useful life L80B50 15,610 hour(s)	Over Time Performance (IEC C	ompliant)
Median useful life L80B50 15,610 hour(s)	•	
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### Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux
911401821580	WT035C LED37/CW PSU GM CFW L1500	6500 K	3,700 lm
911401821080	WT035C LED15/NW PSU GM CFW L600	4000 K	1,500 lm
911401821180	WT035C LED15/CW PSU GM CFW L600	6500 K	1,500 lm
911401821280	WT035C LED30/NW PSU GM CFW L1200	4000 K	3,000 lm
911401821380	WT035C LED30/CW PSU GM CFW L1200	6500 K	3,000 lm
911401821480	WT035C LED37/NW PSU GM CFW L1500	4000 K	3,700 lm

### Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401821580	WT035C LED37/CW PSU GM CFW L1500	35 W
911401821080	WT035C LED15/NW PSU GM CFW L600	15 W
911401821180	WT035C LED15/CW PSU GM CFW L600	15 W

Order Code	Full Product Name	Power Consumption
911401821280	WT035C LED30/NW PSU GM CFW L1200	30 W
911401821380	WT035C LED30/CW PSU GM CFW L1200	30 W
911401821480	WT035C LED37/NW PSU GM CFW L1500	35 W

## Initial Performance (IEC Compliant)

# **Essential Smartbright waterproof**

Order Code	Full Product Name	Initial chromaticity
911401821580	WT035C LED37/CW PSU GM CFW L1500	0.323 ; 0.35
911401821080	WT035C LED15/NW PSU GM CFW L600	0.3876 ; 0.3914
911401821180	WT035C LED15/CW PSU GM CFW L600	0.323 ; 0.35

Order Code	Full Product Name	Initial chromaticity
911401821280	WT035C LED30/NW PSU GM CFW L1200	0.3876 ; 0.3914
911401821380	WT035C LED30/CW PSU GM CFW L1200	0.323 ; 0.35
911401821480	WT035C LED37/NW PSU GM CFW L1500	0.3876 ; 0.3914

