## **15W**

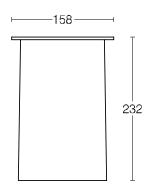
## BAYLED®

## **INGROUND**









## **PRODUCT DATA**

Product code  15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical  Input Voltage  88-264 V AC  Input frequency  50 to 60 Hz  Inrush current  68 mA  Power factor (min.)  0.92  Control and Dimming  Dimmable(optional)  1-10V - DALI		
LED module Light distribution Light source colour Light source colour Number of gear unit Driver / power unit Driver included Yes Optical cover / lens type Control interface Connection Cable BYENEC mark ENEC mark ENEC mark  Light source engine type Light source engine type LDT / IES photometric file Life span Estimated average 50.000 hours MacAdams CCT tolerance within a 3 step MacAdams ellip: Product code  Operating and Electrical Input Voltage Input frequency Insulation Suppose Suppose Control and Dimming Dimmable(optional)  1-10V - DALI	General Information	
Light distribution 30° - 50° Light source colour 3000K-4000K  Number of gear unit 1 unit  Driver / power unit PS (Constant current)  Driver included Yes  Optical cover / lens type Multi lens  Control interface On/Off  Connection - Cable 3x0,75 mm²  Protection class IEC Safety class I  CE mark CE mark  ENEC mark - Warranty period 3 years  Optic type Symmetric  EU ROHS compliant Yes  Light source engine type LED  LDT / IES photometric file Available  Life span Estimated average 50.000 hours  MacAdams CCT tolerance within a 3 step MacAdams ellips  Product code 15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA  Power factor (min.) 0.92  Control and Dimming  Dimmable(optional) 1-10V - DALI	Number of light source	9 pcs
Light source colour  Number of gear unit  Driver / power unit  Driver included  Yes  Optical cover / lens type  Control interface  On/Off  Connection  - Cable  3x0,75 mm²  Protection class IEC  Safety class I  CE mark  ENEC mark  - Warranty period  3 years  Optic type  Symmetric  EU RoHS compliant  Yes  Light source engine type  LDT / IES photometric file  Life span  Estimated average 50.000 hours  MacAdams  CCT tolerance within a 3 step MacAdams ellips  Product code  Operating and Electrical  Input Voltage  Input frequency  50 to 60 Hz  Inrush current  68 mA  Power factor (min.)  0.92  Control and Dimming  Dimmable(optional)  1-10V - DALI	LED module	Mid Power LED's on alu-PCB
Number of gear unit  Driver / power unit  PS (Constant current)  Driver included  Yes  Optical cover / lens type  Control interface  On/Off  Connection  - Cable  3x0,75 mm²  Protection class IEC  Safety class I  CE mark  ENEC mark  ENEC mark  - Warranty period  3 years  Optic type  Symmetric  EU RoHS compliant  Light source engine type  LED  LDT / IES photometric file  Life span  Estimated average 50.000 hours  MacAdams  CCT tolerance within a 3 step MacAdams ellips  Product code  Operating and Electrical  Input Voltage  15-02-15-9-XX-X (XX: Lens angle, X: Led colour)  Operating and Electrical  Input frequency  50 to 60 Hz  Inrush current  68 mA  Power factor (min.)  0.92  Control and Dimming  Dimmable(optional)  1-10V - DALI	Light distribution	30° - 50°
Driver / power unit  Driver included  Yes  Optical cover / lens type  Control interface  On/Off  Connection  Cable  3x0,75 mm²  Protection class IEC  Safety class I  CE mark  ENEC mark  ENEC mark  - Warranty period  3 years  Optic type  Symmetric  EU RoHS compliant  Light source engine type  LDT / IES photometric file  Life span  Estimated average 50.000 hours  MacAdams  CCT tolerance within a 3 step MacAdams ellips  Product code  Operating and Electrical  Input Voltage  Input frequency  50 to 60 Hz  Inrush current  68 mA  Power factor (min.)  Dimmable(optional)  1-10V - DALI	Light source colour	3000K-4000K
Driver included Yes Optical cover / lens type Multi lens Control interface On/Off Connection - Cable 3x0,75 mm² Protection class IEC Safety class I CE mark CE mark ENEC mark - Warranty period 3 years Optic type Symmetric EU RoHS compliant Yes Light source engine type LED LDT / IES photometric file Available Life span Estimated average 50.000 hours MacAdams CCT tolerance within a 3 step MacAdams ellips Product code 15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Number of gear unit	1 unit
Optical cover / lens type Control interface Connection Cable 3x0,75 mm² Protection class IEC Safety class I CE mark ENEC mark ENEC mark ENEC mark  CUB mark	Driver / power unit	PS (Constant current)
Control interface  Connection  Cable  3x0,75 mm²  Protection class IEC  Safety class I  CE mark  ENEC mark  ENEC mark  - Warranty period  3 years  Optic type  Symmetric  EU RoHS compliant  Light source engine type  LED  LDT / IES photometric file  Life span  Estimated average 50.000 hours  MacAdams  CCT tolerance within a 3 step MacAdams ellips  Product code  15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical  Input Voltage  Input frequency  50 to 60 Hz  Inrush current  68 mA  Power factor (min.)  0.92  Control and Dimming  Dimmable(optional)  1-10V - DALI	Driver included	Yes
Connection - Cable 3x0,75 mm² Protection class IEC Safety class I CE mark CE mark ENEC mark - Warranty period 3 years Optic type Symmetric EU RoHS compliant Yes Light source engine type LED LDT / IES photometric file Available Life span Estimated average 50.000 hours MacAdams CCT tolerance within a 3 step MacAdams ellips Product code 15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Optical cover / lens type	Multi lens
Cable 3x0,75 mm² Protection class IEC Safety class I CE mark CE mark ENEC mark - Warranty period 3 years Optic type Symmetric EU RoHS compliant Yes Light source engine type LED LDT / IES photometric file Available Life span Estimated average 50.000 hours MacAdams CCT tolerance within a 3 step MacAdams ellips Product code 15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Control interface	On/Off
Protection class IEC CE mark CE mark CE mark  FNEC mark  Optic type Symmetric EU RoHS compliant Light source engine type LED LDT / IES photometric file Available Life span Estimated average 50.000 hours  MacAdams CCT tolerance within a 3 step MacAdams ellips Product code 15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Connection	-
CE mark  ENEC mark  - Warranty period 3 years  Optic type Symmetric  EU RoHS compliant Yes Light source engine type LED LDT / IES photometric file Available Life span Estimated average 50.000 hours  MacAdams CCT tolerance within a 3 step MacAdams ellips  Product code 15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Cable	3x0,75 mm <sup>2</sup>
ENEC mark  Warranty period  Optic type  Symmetric  EU RoHS compliant  Light source engine type  LED  LDT / IES photometric file  Life span  Estimated average 50.000 hours  MacAdams  CCT tolerance within a 3 step MacAdams ellips  Product code  15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical  Input Voltage  88-264 V AC  Input frequency  50 to 60 Hz  Inrush current  68 mA  Power factor (min.)  0.92  Control and Dimming  Dimmable(optional)  1-10V - DALI	Protection class IEC	Safety class I
Warranty period 3 years  Optic type Symmetric  EU RoHS compliant Yes  Light source engine type LED  LDT / IES photometric file Available  Life span Estimated average 50.000 hours  MacAdams CCT tolerance within a 3 step MacAdams ellips  Product code 15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical  Input Voltage 88-264 V AC  Input frequency 50 to 60 Hz  Inrush current 68 mA  Power factor (min.) 0.92  Control and Dimming  Dimmable(optional) 1-10V - DALI	CE mark	CE mark
Optic type Symmetric  EU RoHS compliant Yes  Light source engine type LED  LDT / IES photometric file Available  Life span Estimated average 50.000 hours  MacAdams CCT tolerance within a 3 step MacAdams ellipse  Product code 15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical  Input Voltage 88-264 V AC  Input frequency 50 to 60 Hz  Inrush current 68 mA  Power factor (min.) 0.92  Control and Dimming  Dimmable(optional) 1-10V - DALI	ENEC mark	-
EU RoHS compliant Yes Light source engine type LED  LDT / IES photometric file Available Life span Estimated average 50.000 hours  MacAdams CCT tolerance within a 3 step MacAdams ellips Product code 15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Warranty period	3 years
Light source engine type LDT / IES photometric file Available Life span Estimated average 50.000 hours  MacAdams CCT tolerance within a 3 step MacAdams ellips Product code 15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Optic type	Symmetric
LDT / IES photometric file	EU RoHS compliant	Yes
Life span Estimated average 50.000 hours  MacAdams CCT tolerance within a 3 step MacAdams ellips  Product code 15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA  Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Light source engine type	LED
MacAdams  CCT tolerance within a 3 step MacAdams ellips  Product code  15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical  Input Voltage  88-264 V AC  Input frequency  50 to 60 Hz  Inrush current  68 mA  Power factor (min.)  0.92  Control and Dimming  Dimmable(optional)  1-10V - DALI	LDT / IES photometric file	Available
Product code  15-02-15-9-XX-X (XX: Lens angle, X: Led colour  Operating and Electrical Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.)  0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Life span	Estimated average 50.000 hours
Operating and Electrical Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	MacAdams	CCT tolerance within a 3 step MacAdams ellipse
Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Product code	15-02-15-9-XX-X (XX: Lens angle, X: Led colour)
Input Voltage 88-264 V AC Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI		
Input frequency 50 to 60 Hz Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Operating and Electrical	
Inrush current 68 mA Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Input Voltage	88-264 V AC
Power factor (min.) 0.92  Control and Dimming Dimmable(optional) 1-10V - DALI	Input frequency	50 to 60 Hz
Control and Dimming Dimmable(optional) 1-10V - DALI	Inrush current	68 mA
Dimmable(optional) 1-10V - DALI	Power factor (min.)	0.92
Dimmable(optional) 1-10V - DALI		
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DMX -		1-10V - DALI
DIII A	DMX	-

Housing material	Aluminium die-cast
Gasket	Silicone
Optic material	PMMA
Optical cover / lens material	Glass (5mm)
Fixation material	Aluminium and stainless steel mounting bracket
Mounting device	Black color recess box made of plastic
Effective projected area	0,04m <sup>2</sup>
Colour	Grey
Dimensions (height x width x depth)	232 x 158 x 158 mm
Approval and Application	
Ingress protection code	IP67
Mech. impact protection code	IK09
Surge protection (common/differential)	-
Initial Performance (IEC Compliar	nt)
Module luminous flux	1916 lm (4000K) / 1821 lm (3000K)
Luminaire luminous flux	1169 lm (4000K) / 1111 lm (3000K)
LED luminaire efficiency	78 lm (4000K) / 74 lm (3000K)
Colour Temperature	4000K / 3000K
	6500K also available up on request.
Colour rendering index	>70
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Rated LED power	>70
Colour rendering index Rated LED power Rated luminare power  Application Conditions	>70 14W
Rated LED power Rated luminare power  Application Conditions	>70 14W 15W
Rated LED power Rated luminare power  Application Conditions Ambient temperature range	>70 14W
Rated LED power Rated luminare power  Application Conditions Ambient temperature range Maximum dimming level	>70 14W 15W -25°C to +55°C
Rated LED power	>70 14W 15W
Rated LED power Rated luminare power  Application Conditions Ambient temperature range Maximum dimming level	>70 14W 15W -25°C to +55°C