BAYLED®

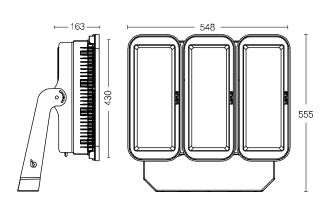
FLOODLIGHT











PRODUCT DATA

General Information Number of light source 576 pcs LED module Mid Power LED's on alu-PCB Light distribution 40°- 60°- 90° 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 3x1,5 mm² Protection class IEC Safety class I CE mark CE mark ENEC mark - Warranty period 5 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 ellipse Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI DMX -			
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Light source colour Number of gear unit Driver / power unit Driver included Yes Optical cover / lens type Control interface On/Off Connection - Cable 3x1,5 mm² Protection class IEC Safety class I CE mark ENEC mark ENEC mark - Warranty period 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 ellipse Product code Operating and Electrical Input Voltage Input frequency 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 1-10V - DALI	LED module	Mid Power LED's on alu-PCB	
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Optical cover / lens type Multi lens Control interface On/Off Connection - Cable 3x1,5 mm² Protection class IEC Safety class I CE mark CE mark ENEC mark - Warranty period 5 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 ellipse Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	Driver / power unit	PS (Constant current)	
Control interface Connection Cable 3x1,5 mm² Protection class IEC Safety class I CE mark ENEC mark ENEC mark - Warranty period 5 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 ellipse Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	Driver included	Yes	
Connection - Cable 3x1,5 mm² Protection class IEC Safety class I CE mark CE mark ENEC mark - Warranty period 5 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 ellipse Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	Optical cover / lens type	Multi lens	
Cable 3x1,5 mm² Protection class IEC Safety class I CE mark CE mark ENEC mark - Warranty period 5 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 ellipse Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	Control interface	On/Off	
Protection class IEC Safety class I CE mark CE mark ENEC mark - Warranty period 5 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 ellipse Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	Connection	-	
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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 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 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 ellipse Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	Warranty period	5 years	
Light source engine type LDT / IES photometric file Life span Estimated average 50.000 hours MacAdams CCT tolerance within a 3 step MacAdams ellipse Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) Control and Dimming Dimmable(optional) 1-10V - DALI	Optic type	Symmetric	
LDT / IES photometric file Available Life span Estimated average 50.000 hours MacAdams CCT tolerance within a 3 step MacAdams ellipse Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	EU RoHS compliant	Yes	
Life span Estimated average 50.000 hours MacAdams CCT tolerance within a 3 step MacAdams ellipse Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 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 ellipse Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	LDT / IES photometric file	Available	
Product code 45-14-225-576-XX-X (XX: Lens angle, X: Led colour) Operating and Electrical Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 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 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 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 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	Product code	45-14-225-576-XX-X (XX: Lens angle, X: Led colour)	
Input Voltage 100-305 V AC Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI			
Input frequency 50 to 60 Hz Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	Operating and Electrical		
Inrush current 1023 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	Input Voltage	100-305 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	1023 mA	
Dimmable(optional) 1-10V - DALI	Power factor (min.)	0.92	
Dimmable(optional) 1-10V - DALI			
DMX -	Dimmable(optional)	1-10V - DALI	
	DMX	-	

Housing material	Aluminium die-cast		
Gasket	Silicone		
Optic material	PMMA		
Optical cover / lens material	Glass (5mm)		
Fixation material	Stainless steel		
Mounting device	-		
Effective projected area	0,30m ²		
Colour	Grey		
Dimensions (height x width x depth)	555 x 548 x 163 mm		
Approval and Application			
Ingress protection code	IP66		
Mech. impact protection code	IK09		
Surge protection (common/differential)	6 KV/4KV (10KV/6KV optional)		
Initial Performance (IEC Compliant)			
Module luminous flux	40152 lm (4000K) - 39030 lm (3000K)		
Luminaire luminous flux	36537 lm (4000K) - 35517 lm (3000K)		
LED luminaire efficiency	162 lm (4000K) - 158 lm (3000K)		
Colour Temperature	4000K-3000K		
	6500K also available up on request.		
Colour rendering index	≥70		
Rated LED power	205W		
Rated luminare power	225W		
Application Conditions			
Ambient temperature range	-25°C to +55°C		
Maximum dimming level	-		
Net weight (piece)	19,5 kg		
Fixture Run Length	To calculate fixture run lenghts and total		
power consumption for your specific in	power consumption for your specific installation, please ask to company assistant		

Mechanical and Housing