



CoreLine Batten

BN126C LED64S/840 PSD L1200

BN126C | CORELINE BATTEN - 840 neutral white - Power supply unit with DALI interface

The CoreLine Batten delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. The efficient design makes installation quick and easy, enabling seamless light-line creation without additional accessories. CoreLine Batten provides universal light distribution, supporting homogeneous illuminance and visual comfort. Interact Ready luminaires with integrated wireless communications are also available, for use with Interact gateways, sensors and software.

Warnings and Safety

- The product is IPXO & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

Product data

General Information	
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Connection	Push-in connector 5-pole
Cable	-

Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	9
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778

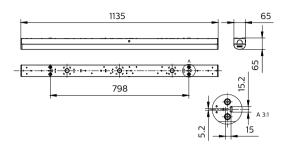
CoreLine Batten

Photobiological risk specification0.2 mEU RoHS compliantYesProduct family codeBN126C [CORELINE BATTEN]Unified glare rating CEN26Lighting TechnologyLEDBrandPhilipsValue ladderPerformanceLight Technical6,400 lumenSaturated Red (R9)<50		
Product family codeBN126C [CORELINE BATTEN]Unified glare rating CEN26Lighting TechnologyLEDBrandPhilipsValue ladderPerformanceLight Technical	Photobiological risk specification	0.2 m
Unified glare rating CEN26Lighting TechnologyLEDBrandPhilipsValue ladderPerformanceLight Technical	EU RoHS compliant	Yes
Lighting TechnologyLEDBrandPhilipsValue ladderPerformanceLight Technical5400 lumenSaturated Red (R9)<50Luminous Efficacy (rated) (Nom)119 lm/WColor rendering index (CRI)>800Flickering value (PstLM)1Stroboscopic effect value (SVM)1.6Operating and Electrical220-240 VInput Voltage220-240 VLine Frequency50 or 60 HzInput Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9Controls and Dimming-20 to +40 °CDimmableYesMechanical and HousingYesHousing MaterialSteelReflector material-Optical cover/lens material-Housing ColorWhite RAL 9003	Product family code	BN126C [CORELINE BATTEN]
BrandPhilipsValue ladderPerformanceLight Technical6,400 lumenSaturated Red (R9)<50Luminous Efficacy (rated) (Nom)119 lm/WColor rendering index (CRI)>80Flickering value (PstLM)1Stroboscopic effect value (SVM)1.6Operating and Electrical220-240 VInput Voltage220-240 VLine Frequency50 or 60 HzInput Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9Controls and Dimming-20 to +40 °CDimmableYesMechanical and Housing-20 to polycarbonateHousing MaterialSteelReflector material-Optical cover/lens material-Housing ColorWhite RAL 9003	Unified glare rating CEN	26
Value ladderPerformanceLight TechnicalLuminous Flux6,400 lumenSaturated Red (R9)<50Luminous Efficacy (rated) (Nom)119 lm/WColor rendering index (CRI)>80Flickering value (PstLM)1Stroboscopic effect value (SVM)1.6Operating and ElectricalInput Voltage220-240 VLine Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9Controls and DimmingDimmableYesMechanical and HousingYesHousing Material5teelReflector material-Optic anterial-Optical cover/lens material-Fixation material-Housing ColorWhite RAL 9003	Lighting Technology	LED
Light TechnicalLuminous Flux6,400 lumenSaturated Red (R9)<50Luminous Efficacy (rated) (Nom)119 lm/WColor rendering index (CRI)>80Flickering value (PstLM)1Stroboscopic effect value (SVM)1.6Operating and ElectricalInput Voltage220-240 VLine Frequency50 or 60 HzInput Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9Controls and Dimming-20 to +40 °CDinmableYesMechanical and HousingSteelReflector material-Optical cover/lens materialPolycarbonateFixation material-Housing ColorWhite RAL 9003	Brand	Philips
Luminous Flux6,400 lumenSaturated Red (R9)<50Luminous Efficacy (rated) (Nom)119 lm/WColor rendering index (CRI)>80Flickering value (PstLM)1Stroboscopic effect value (SVM)1.6Operating and ElectricalInput Voltage220-240 VLine Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9Controls and DimmingDimmableYesMechanical and HousingSteelReflector material-Optical cover/lens materialPolycarbonateFixation material-Housing ColorWhite RAL 9003	Value ladder	Performance
Luminous Flux6,400 lumenSaturated Red (R9)<50Luminous Efficacy (rated) (Nom)119 lm/WColor rendering index (CRI)>80Flickering value (PstLM)1Stroboscopic effect value (SVM)1.6Operating and ElectricalInput Voltage220-240 VLine Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9Controls and DimmingDimmableYesMechanical and HousingSteelReflector material-Optical cover/lens materialPolycarbonateFixation material-Housing ColorWhite RAL 9003		
Saturated Red (R9)<50	Light Technical	
Luminous Efficacy (rated) (Nom)119 lm/WColor rendering index (CRI)>80Flickering value (PstLM)1Stroboscopic effect value (SVM)1.6Operating and Electrical	Luminous Flux	6,400 lumen
Color rendering index (CRI)>80Flickering value (PstLM)1Stroboscopic effect value (SVM)1.6Operating and ElectricalInput Voltage220-240 VLine Frequency50 or 60 HzInput Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush current0.579 msPower Factor (Fraction)0.9Controls and DimmingDimmableYesMechanical and HousingYesHousing MaterialSteelReflector material-Optical cover/lens material-Housing ColorWhite RAL 9003	Saturated Red (R9)	<50
Flickering value (PstLM)1Stroboscopic effect value (SVM)1.6Operating and Electrical	Luminous Efficacy (rated) (Nom)	119 lm/W
Stroboscopic effect value (SVM)1.6Operating and ElectricalInput Voltage220-240 VLine Frequency50 or 60 HzInput Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9Controls and DimmingDimmableYesMechanical and HousingYesHousing MaterialSteelReflector material-<	Color rendering index (CRI)	>80
Operating and ElectricalInput Voltage220-240 VLine Frequency50 or 60 HzInput Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9TemperatureAmbient temperature range-20 to +40 °CControls and DimmingVesDimmableYesMechanical and HousingSteelReflector material-Optic materialPolycarbonateOptical cover/lens material-Housing ColorWhite RAL 9003	Flickering value (PstLM)	1
Input Voltage220-240 VLine Frequency50 or 60 HzInput Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9TemperatureAmbient temperature range-20 to +40 °CControls and DimmingDimmableYesMechanical and HousingSteelReflector material-Optic materialPolycarbonateOptical cover/lens material-Housing ColorWhite RAL 9003	Stroboscopic effect value (SVM)	1.6
Input Voltage220-240 VLine Frequency50 or 60 HzInput Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9TemperatureAmbient temperature range-20 to +40 °CControls and DimmingDimmableYesMechanical and HousingSteelReflector material-Optic materialPolycarbonateOptical cover/lens material-Housing ColorWhite RAL 9003		
Line Frequency50 or 60 HzInput Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9TemperatureAmbient temperature range-20 to +40 °CControls and DimmingYesDimmableYesMechanical and HousingSteelReflector materialSteelOptic materialPolycarbonateOptical cover/lens material-Housing ColorWhite RAL 9003	Operating and Electrical	
Input Frequency50 or 60 HzPower Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9TemperatureAmbient temperature range-20 to +40 °CControls and DimmingYesDimmableYesMechanical and HousingSteelReflector materialSteelOptic materialPolycarbonateOptical cover/lens material-Fixation material-Housing ColorWhite RAL 9003	Input Voltage	220-240 V
Power Consumption54 WInrush current14.4 AInrush time0.579 msPower Factor (Fraction)0.9Temperature-20 to +40 °CAmbient temperature range-20 to +40 °CControls and DimmingYesDimmableYesMechanical and HousingSteelReflector material-Optic materialPolycarbonateOptical cover/lens material-Housing ColorWhite RAL 9003	Line Frequency	50 or 60 Hz
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Inrush time0.579 msPower Factor (Fraction)0.9Temperature-Ambient temperature range-20 to +40 °CControls and Dimming-DimmableYesMechanical and Housing-Housing MaterialSteelReflector material-Optic materialPolycarbonateOptical cover/lens material-Housing ColorWhite RAL 9003	Power Consumption	54 W
Power Factor (Fraction)0.9TemperatureAmbient temperature range-20 to +40 °CControls and DimmingDimmableYesMechanical and HousingHousing MaterialSteelReflector material-Optic materialPolycarbonateOptical cover/lens material-Fixation material-Housing ColorWhite RAL 9003	Inrush current	14.4 A
Temperature Ambient temperature range -20 to +40 °C Controls and Dimming -20 to +40 °C Dimmable Yes Mechanical and Housing - Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material - Fixation material - Housing Color White RAL 9003	Inrush time	0.579 ms
Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable Yes Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material - Fixation material - Housing Color White RAL 9003	Power Factor (Fraction)	0.9
Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable Yes Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material - Fixation material - Housing Color White RAL 9003		
Controls and Dimming Dimmable Yes Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material - Fixation material - Housing Color White RAL 9003	Temperature	
Dimmable Yes Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003	Ambient temperature range	-20 to +40 °C
Dimmable Yes Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003		
Mechanical and HousingHousing MaterialSteelReflector material-Optic materialPolycarbonateOptical cover/lens materialPolycarbonateFixation material-Housing ColorWhite RAL 9003	Controls and Dimming	
Housing MaterialSteelReflector material-Optic materialPolycarbonateOptical cover/lens materialPolycarbonateFixation material-Housing ColorWhite RAL 9003	Dimmable	Yes
Housing MaterialSteelReflector material-Optic materialPolycarbonateOptical cover/lens materialPolycarbonateFixation material-Housing ColorWhite RAL 9003		
Reflector material-Optic materialPolycarbonateOptical cover/lens materialPolycarbonateFixation material-Housing ColorWhite RAL 9003	Mechanical and Housing	
Optic materialPolycarbonateOptical cover/lens materialPolycarbonateFixation material-Housing ColorWhite RAL 9003	Housing Material	Steel
Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003	Reflector material	-
Fixation material - Housing Color White RAL 9003	Optic material	Polycarbonate
Housing Color White RAL 9003	Optical cover/lens material	Polycarbonate
	Fixation material	-
Optical cover/lens finish Opal	Housing Color	White RAL 9003
	Optical cover/lens finish	Opal

Overall length	1,135 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (Height x Width x Depth)	NaN x NaN x NaN mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Sustainability rating	-
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Init. Corr. Color Temperature	4000 K
Initial chromaticity	(0.38, 0.38) SDCM≤3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliar	nt)
Control gear failure rate at median useful life	e 5%
50000 h	
Lumen maintenance at median useful life*	80
50000 h	
Application Conditions	
Application Conditions Performance ambient temperature Tq	25 °C
Application Conditions Performance ambient temperature Tq	25 °C Not applicable
Application Conditions Performance ambient temperature Tq Suitable for random switching	
Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data	Not applicable
Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Full product code	Not applicable 872016910066400
Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name	Not applicable 872016910066400 BN126C LED645/840 PSD L1200
Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code	Not applicable 872016910066400 BN126C LED64S/840 PSD L1200 910505103404
Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack	Not applicable 872016910066400 BN126C LED64S/840 PSD L1200 910505103404 1
Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box	Not applicable 872016910066400 BN126C LED64S/840 PSD L1200 910505103404 1 1
Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box Material number (12NC)	Not applicable 872016910066400 BN126C LED64S/840 PSD L1200 910505103404 1 1 910505103404
Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box Material number (12NC) Net weight	Not applicable 872016910066400 BN126C LED645/840 PSD L1200 910505103404 1 1 910505103404 1.200 kg
Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box Material number (12NC)	Not applicable 872016910066400 BN126C LED64S/840 PSD L1200 910505103404 1 1 910505103404

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Dimensional drawing





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