Reliable and flexible

GreenPerform Batten G3 BN398C

GreenPerform batten BN398C is a cost competitive linear solution with good performance and multiple lumen output for retail and industry applications. It offers surface mount and suspension installations to cater for different mounting options. Its multiple optic designs accommodate different applications as well.

Benefits
· High system efficacy with better energy saving
· Multiple optics for different applications
· Connected for future proof

Features
· System efficiency up to 140lm/W
· Wide and batwing beams available to fit different lighting applications
· DALI and Interact are available for easy control

Application
· Food & large retail
· Warehouse
· Factory
· Indoor pubic area

Specifications

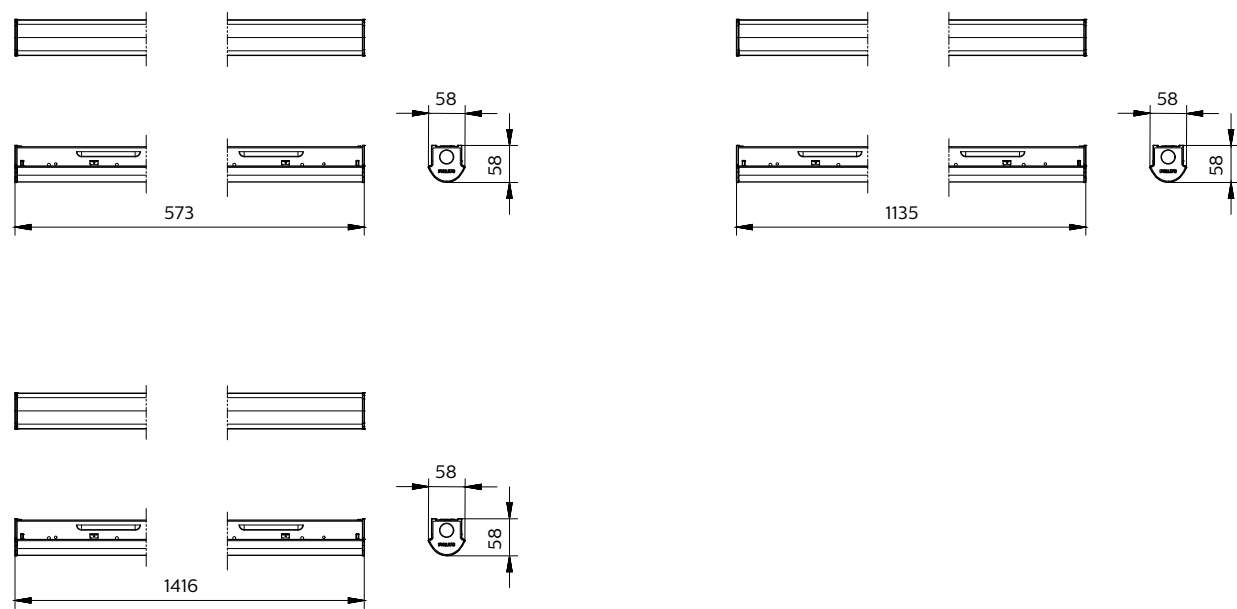| Mounting type	Suspended
	Ceiling
Light Source	LED
Mains Voltage	220-240V / 50-60Hz
Dimming	PSU
	PSD
	POE
	WIA

Material	Housing: SPCC
	Cover: PMMA
Main color of the luminaire	WH: RAL 9003
Lumen maintenance at median useful life 50.000h	L70B50
Luminous flux	2000lm~8700lm
Luminaire efficacy	Up to 150lm/W

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Correlated color temperature – CCT	4000K/6500K
Color Rendering index – CRI	80
Beam angle	WB
Protection Class IEC61140	Safety class I; Safety class III – POE

Mechanical impact protection	IK03
Ingress protection	IP20
Overall length	600mm
	1200mm
	1500mm

Dimensional drawing

GreenPerform Batten G3 BN398C

Light Technical

Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80

Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220–240 V
Line Frequency	50 or 60 Hz

Mechanical and Housing

Optical cover type	Polymethyl methacrylate bowl/cover
Housing Color	White RAL 9003
Mech. impact protection code	IK03
Ingress protection code	IP20

Approval and Application

Ambient temperature range	–20 to +40 ℃
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces

Initial Performance (IEC Compliant)

Initial chromaticity	SDCM<5
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401582781	BN398X LED69/840 L1200 WIA OP	142 lm/W	6,900 lm
911401584051	BN398C LED20/NW L600 PSD OP	144 lm/W	2,100 lm
911401584451	BN398C LED69/NW L1200 PSD OP	138 lm/W	6,800 lm
911401584651	BN398C LED87/NW L1500 PSD OP	139 lm/W	8,500 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401582781	BN398X LED69/840 L1200 WIA OP	48.5 W
911401584051	BN398C LED20/NW L600 PSD OP	14.5 W

Order Code	Full Product Name	Power Consumption
911401584451	BN398C LED69/NW L1200 PSD OP	49 W
911401584651	BN398C LED87/NW L1500 PSD OP	61 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401582781	BN398X LED69/840 L1200 WIA OP	No
911401584051	BN398C LED20/NW L600 PSD OP	Yes

Order Code	Full Product Name	Dimmable
911401584451	BN398C LED69/NW L1200 PSD OP	Yes

www.lighting.philips.com

2023, April 13 – data subject to change