



Vaya Tube

BCC420 4000 FR ETH L1220 PP150 UL CE CQC

Ethernet

Vaya Tube is a compact direct-view linear LED lighting solution for exterior accent and low-resolution graphic lighting applications. From static contour lighting to media graphics with a resolution up to 150 mm, the DMX and KiNet-controllable system can transform entire facades with bright and uniform light, in White or Mono colour. The light-weight luminaire minimises the loading onto structures and cladding elements, while run-lengths of up to 12 m (40 ft) per Control Module port (x2) allow for flexible wiring. Simple push 'n' click connectors ensure a simple, fast and reliable installation.

Product data

Datasheet, 2019, September 20

General Information	
Lamp family code	LED-MD [LED Multi-die]
Lamp colour code	White
Light source replaceable	No
Optic type	WB [Wide beam]
Optical cover/lens type	PC [Polycarbonate bowl/cover
Luminaire light beam spread	165°
Control interface	Ethernet
CE mark	CE mark
JL mark	UL and cUL mark
CQC mark	CQC-mark
Lifetime to 70% luminous flux	60000 h
PSE mark	No
WEEE mark	WEEE mark

Operating and Electrical	
Input voltage	24 V
Mechanical and Housing	
Housing material	Polycarbonate
Optical cover/lens material	Polycarbonate
Optical cover/lens shape	Curved
Optical cover/lens finish	Frosted
Length	1200 mm
Colour	Dark Grey
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK09 [10 J]
Vibration standard	Complies with ANSI C136.31

data subject to change

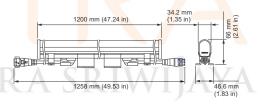
Vaya Tube

	Complies with ANSI C136.31
Initial Performance (IEC Compliant)	
Initial luminous flux	809 lm
Initial luminous flux at color temperature of	809 lm
4000 K	
Initial LED luminaire efficacy	65.6 lm/W
Lamp colour temperature	4000 K
Initial input power	12 W
Over Time Performance (IEC Compliant)	
Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 25°C Reported	60000
Lumen Maintenance 70% at 50°C Calculated	100000
Lumen Maintenance 70% at 50°C Reported	60000
Lumen Maintenance 80% at 25°C Calculated	100000
Lumen Maintenance 80% at 25°C Reported	60000
Lumen Maintenance 80% at 50°C Calculated	100000
Lumen Maintenance 80% at 50°C Reported	60000
Lumen Maintenance 90% at 25°C Calculated	100000

Lumen Maintenance 90% at 25°C Reported	60000
Lumen Maintenance 90% at 50°C Calculated	61000
Lumen Maintenance 90% at 50°C Reported	60000
Application Conditions	
Ambient temperature range	-40 to +50 °C
Product Data	
Full product code	871829164863599
Order product name	BCC420 4000 FR ETH L1220 PP150 UL
	CE CQC
EAN/UPC – product	8718291648635
Order code	912400130509
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	912400130509
Net weight (piece)	0.780 kg



Dimensional drawing







© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2019, September 20 - data subject to change