

Pentura Mini LE

BN130C LED3S/830 PSU L325

BN130C - LED Module, system flux 300 lm - Power supply unit

Pentura Mini LED is an extremely slim batten that offers the energysaving benefits of LED technology, coupled with excellent lighting performance - bright, uniform light with good color rendering.Pentura Mini LED is very easy to install, even where space is limited, e.g. under shelves in shops, and over worktops and workstations in the home and home office. Thanks to its integrated driver and through-wiring, installation time is reduced to a minimum. Power cable, mounting clips and connection accessories are also supplied. Thin end-caps minimize black spots between the products, enabling consumers to create a continuous light-line.

Product data

General information

Product family code Number of light sources Lamp family code Light source color Light source replaceable Driver/power unit/ transformer Driver included Dimmable Protection class IEC Ingress protection code Mech. impact protection code Length Color Glow-wire test

BN130C [BN130C] 1 [1 pc] LED3S [LED Module, system flux 300 lm] 830 [830 warm white] false [No]

PSU [Power supply unit]

true [Yes] No [No] CLII [Safety class II] IP20 [Finger-protected]

IK02 [0.2 | standard]

L325 [325 mm] WH [White] 850/5 [Temperature 850 °C, duration 5 s] CE [CE mark]

220-240 V [220 to 240 V] 50-60 Hz [50 to 60 Hz]

Mechanical

Input voltage

Input frequency

CE mark

Electrical

Housing material Optical cover/lens material

PC [Polycarbonate] G [Glass]

• Initial perform. (IEC compliant)

Initial input power Initial luminous flux Initial LED luminaire	4 W [4 W] 300 Lm 75 Lm/W
efficacy Init. Corr. Color	3000 [3000 K]
Temperature Init. Color Rendering	>75 [>75]
Index Initial chromaticy	(0.42, 0.40) SDCM <5

• Over time perform. (IEC compliant)

Median useful life I 90B50	15000 hr
Median useful life	30000 hr
Median useful life	40000 hr
L70B50 Driver failure rate at	1.5 %
5000 h	

Application conditions

Average ambient	T25 [+25 °C]
temperature Ambient temperature	0 to +35°C [0 to +35 °C]
range Maximum dim level Suitable for random switching	- [Not applicable] No [No]

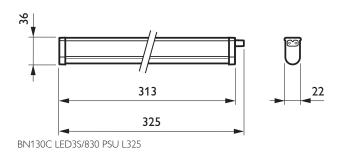
• Product Data

Order code Full product code Full product name 911401704822 911401704822 BN130C LED3S/830 PSU L325



Order product name Pieces per pack	BN130C LED3S/830 PSU L325
Packs per outerbox	24
Bar code on pack - EAN1	8710163296548
Bar code on outerbox - EAN3	8710163296623

Dimensional drawing



Photometric data

BN130C 1xLED3S/830 L325 1 x 300 lm UGR diagram Polar intensity diagram Quantity estimation diagram 120 180 1200 nr. of luminair 16.0 h_{room}: 2.8 m h_{room}: 2.8 m 1125 Reflectances: 0.70, 0.50, 0.20 Maintenance factor: 1.0 Refl: 0.70 0.50 0.20 m ⊥28 90 90° 400 Ceiling mounted Ceiling mounted II: viewed endwise 12.0 L : viewed crosswise 300 60° 60° t Y : Parallel to viewing c -750['] Ix 1122 200 8.0 1.25 1125 500¹1x ⊥25 100 .300[']I> 30 30 4.0 300 0 (cd/1000 lm) 0° L.O.R.= 1.00 70 16.0 30 50 90 (m²) 4.0 8.0 12.0 m 10 **→** x - 0-180[°] 90-270° Utilisation factor table Luminance Table Light output ratio 1.00 Service upward 0.10 Service downward 0.90 Reflectances for ceiling, walls and working plane (CIE) Plane 0.0 45.0 90.0 Roor Cone 0.80 0.80 0.50 0.50 0.30 0.10 0.700.700.700.700.500.500.500.300.300.200.100.10 0.50 0.50 0.30 0.10 0.10 0.10 0.30 0.30 0.30 0.10 0.10 0.10 0.00 0.00 0.00 45.0 8904 8808 9997 Index 50.0 8760 8556 CIE flux code 40 69 88 90 100 9648
 55.0
 8676
 8361

 60.0
 8640
 8184
9233
 0.42
 0.41
 0.40
 0.33

 0.52
 0.50
 0.49
 0.41

 0.60
 0.58
 0.56
 0.48

 0.67
 0.65
 0.62
 0.55

 0.73
 0.70
 0.70
 0.70

 0.73
 0.74
 0.47
 0.66

 0.82
 0.78
 0.75
 0.68

 0.84
 0.84
 0.79
 0.74

 0.93
 0.88
 0.83
 0.78

 0.99
 0.93
 0.87
 0.83

 1.03
 0.96
 0.90
 0.86
 $\begin{array}{cccc} 0.31 & 0.27 \\ 0.39 & 0.34 \\ 0.46 & 0.41 \\ 0.53 & 0.47 \\ 0.58 & 0.53 \\ 0.65 & 0.61 \\ 0.71 & 0.66 \\ 0.75 & 0.71 \\ 0.80 & 0.76 \\ 0.83 & 0.80 \end{array}$ 0.30 0.26 0.38 0.33 0.44 0.40 0.50 0.46 0.55 0.51 0.63 0.59 0.68 0.64 0.71 0.68 0.76 0.73 0.79 0.77 0.43 0.41 0.53 0.50 0.62 0.57 0.70 0.64 0.76 0.69 0.86 0.76 0.92 0.81 0.97 0.85 8786 0.23 0.30 0.36 0.42 0.47 S/H ratio crosswise max. 1.6 0.60 0.80 1.00 1.25 1.50 2.00 2.50 3.00 65.0 8640 8079 8228 lengthwise max. 1.7
 65.0
 8640
 8079
 8228

 70.0
 8758
 8018
 7529

 75.0
 8945
 8044
 6602

 80.0
 9288
 8224
 5340

 85.0
 9894
 8688
 3670
UGRcen (4Hx8H, 0.25H) UTE71-121: 0.90G 26 0.90G + 0.10T 0.54 0.60 0.63 0.68 0.72 90.0 10971 9816 253 4.00 1.03 0.89 (cd/m2) 5.00 1.07 0.92 Ceiling mounted LVC1140405 2014-06-09

BN130C 1×LED35/830 L325

Logistic code(s) -12NC Net weight per piece

911401704822

weight per piece 0.163 kg





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