

BARON LED BATTEN, 3 CCT SELECTABLE, IP20, WHITE

This attractive looking linear LED batten is simple to install and with efficacies of over one hundred luminaire lumens per circuit watt make welcome energy savings compared to traditional fluorescent in order to reduce CO² emissions and the building carbon footprint.



Applications:

- Flats and apartments
- Communal areas
- Small kitchen or canteen areas
- Reception areas
- Stationery store rooms
- Health centre waiting rooms
- Car garage, shed or workshop
- Utility rooms and work stations

Construction:

Description of product construction
 White powder coated extruded aluminium base
 White polycarbonate end caps
 Opal diffuser
 FR4 Aluminium PCB

Features:

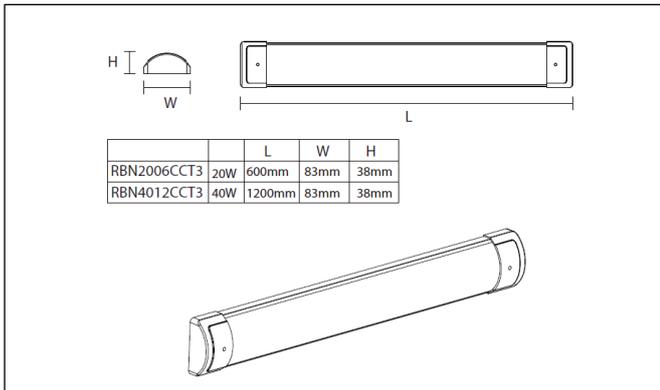
- Available in 2 lengths and lumen packages
- Low profile white powder coated extruded aluminium base
- White polycarbonate end caps
- Opal diffuser with integral linear prisms
- Utilises high quality long life Sinotron Lighting surface mount diode LED technology:
 - Provides superb light output
 - Exceptionally low power consumption
 - Ensures lumen depreciation & CCT shift is minimised
 - Long rated LED life of 30,000 hours
 - High efficacy
- Three colour temperature selectable
- Rugged solid-state lighting technology with no heat filaments or electrodes to fail
- Wide operating temperature range
- Removable end caps held in place by single screws and matching white plug
- Removable diffuser
- Pre-fitted cable entry grommet
- Pre-punched slotted fixing points and BESA box facility

Benefits:

- Suitable for most common batten applications in a variety of buildings
- Shallow fitting
- Simple neat aesthetics
- Reduces discomfort glare
- Uniform light spread
- Provides:
 - Comparable light output to T8 so is a one for one replacement
 - Makes energy savings of over 50%
 - Light output and colour is consistent over life
 - No maintenance cost for replacement tubes or access equipment
 - Provides compliance with current & foreseeable Building Regulation efficacy requirements
- Select warm, neutral or daylight white CCT to create a relaxing ambience or task oriented light colour
- Less susceptible to failure due to building vibration or hot/cold temperature variations
- Can be switched by microwave, PIR and/or photocell which is detrimental to life of traditional light sources so provides even greater energy savings when lighting not required
- Suited for use in areas not normally heated or occupied
- Provides access to the three Colour Temperature selector switch
- Allows access to the large mains termination block with cable restraint suitable for loop in/out wiring
- Ensures mains cable isn't damaged during installation
- Provides fast and simple surface or BESA box mounting

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Product Code:	RBN2006CCT3-01	RBN4012CCT3-01
Comparable to:	2x18W fluorescent	2x36W fluorescent
Total Power (W):	20.2/19.9/20.3	40/38.7/40.3
Total Light Output (lm):	1960/2180/2080	3460/3880/3640
Efficacy (lm / cctW):	97/110/103	87/100/90
Rated LED Life (hrs):	30000	30000
Warranty (yrs):	3	3
Illuminance at 1m (lx):	600/670/640	1010/1140/1070
Beam Angle (deg):	120	120
CCT (K):	3,000/4,500/6,500	3,000/4,500/6,500
CRI (Ra):	>80	>80
Ingress Protection (IP):	20	20
Operating Temperature (°C):	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
Operating Voltage (Vac):	220-240	220-240
Power Factor (PF):	0.95	0.95
Height (mm):	37.8	37.8
Length (mm):	600	1200
Width (mm):	83.4	83.4
Box Qty:	1	1
Weight (kg):	0.32	0.61



Cone Illuminance Diagram:

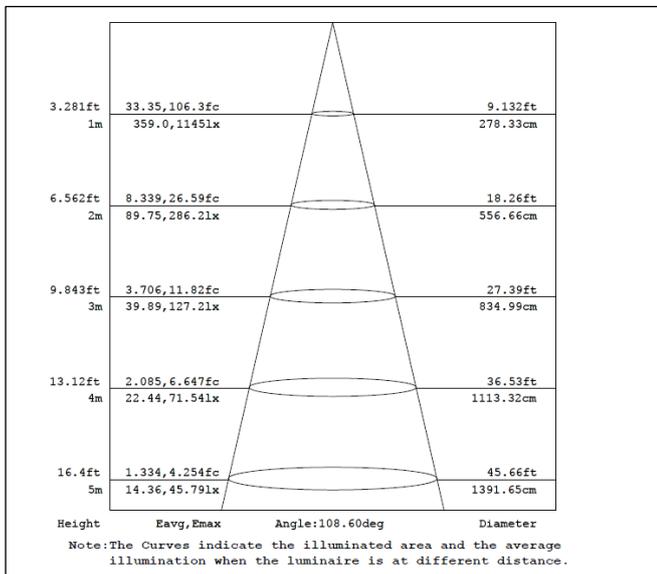


Diagram for RBN4012CCT3-01 in 4,000K. Other diagrams available on request

Standards & Approvals:

Complies with: RCM, IEC 60598-1, IEC 60598-2-1, IEC 61347-1, IEC 61347-2-13, IEC 62031, IEC 61000-3-2, IEC 61000-3-3



Polar Intensity Diagram:

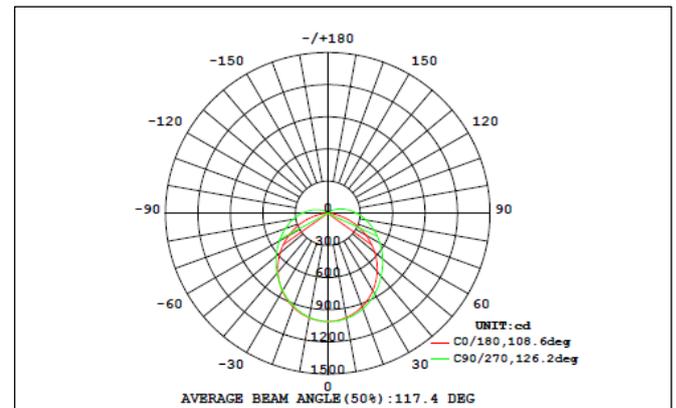


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