

SCHOLAR LED batten, White

Available in common lengths of 1.2m and 1.5m, these superb IP44 battens replace standard 2 x 36w or 2 x 58w T8 fluorescents. They have an attractive and pleasing aesthetic and will make significant energy savings of around 40% with an exceptionally long service life and without the high costs associated with traditional tube changes and labour



Applications:

- Educational establishments
 - Schools
 - Colleges
 - Universities
- Offices
- Retail Shops
- Health Centres
- Inspection Areas
- Canteens and rest rooms

Construction:

White powder coated pressed steel housing
 Polycarbonate diffuser and end caps
 Aluminium laminate PCB Material

Features:

- Pressed steel base
- Clear diffuser with longitudinal prisms
- Optional opal diffuser
- Body has pre-formed surface fixing points, and includes a length adjustable suspension kit
- Utilises Hangke high quality LM80 independently tested SMD LED's
- Industry standard TM21 extrapolation method used to accurately determine Rated LED life
- Solid state technology and Robus optimised flicker free driver design
- High output emergency versions available
- DALI, analogue or manual dimming options with integral sensor available through conversions
- Colour temperature of 4000K with high CRI
- Spring connect terminals

Benefits:

- Provides a rigid structure so is strong and durable with IK08 rating
- Maximum light transmission for highest lighting performance
- Uniform light distribution
- Subdues light glare for a more comfortable eye experience
- Provides for alternative installation types
- Can be surface mounted or suspended and is ideal for sloping ceilings where different suspension wire lengths are required
- Many suppliers quote LED performance without being able to provide evidence
- Results from our rigorous testing show these fittings to have:
 - High initial lumen output for maximum fitting utilisation
 - Low lumen depreciation over time for long effective life
 - Constant colour temperature and CRI without shift for long life uniformity
 - High efficacy for low running costs
 - Exceptionally long Rated LED Life for low maintenance costs
- No eye, headache discomfort or other maladies caused by flicker
- Allows the fitting to be controlled by PIR, Microwave or photocell sensors without detriment to LED or driver life
- Provides additional energy savings to reduce carbon emissions
- These provide excellent light output for safe exit route illumination with enhanced standard to emergency fitting ratio
- Additional energy savings can be achieved through Daylight Harvesting
- Manual dimming available for functional control
- Ideal light colour for task work and clear visibility for security
- Fast and simple connection
- Constant pressure ensures no loose connections or hot spots

SCHOLAR LED batten, White

Product Code:		
Standard:	RSC504012-01	RSC604015-01
Emergency:	RSC504012E-01	RSC604015E-01
Comparable to:	2x36W T8 fluorescent	2x58W T8 fluorescent
Total Power (W):	49.3	57.9
Total Light Output (lm):	4,840	6,100
Emergency Mode Light Output (lm):	350	380
Efficacy (lm / cctW):	98	105
Rated Life (hrs):	50,000	50,000
Warranty (yrs):	5	5
Illuminance at 1m (Lux):	1,490	1,850
Emergency Mode illuminance at 1m (lx):	100	110
Beam Angle (deg):	120	120
CCT (K):	4,000	4,000
CRI (Ra):	80	80
Ingress Protection (IP):	44	44
Impact Rating (IK):	08	08
Operating Temperature (°C):	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
Operating Voltage (Vac):	220-240	220-240
Power Factor (PF):	0.97	0.97
Height (mm):	70	70
Length (mm):	1,190	1,490
Width (mm):	144	144
Box Qty:	1	1
Weight (kg):	2.4/2.9	3.1/3.4



Accessories:

- RSC120D Opal diffuser, 1.2m
- RSC150D Opal diffuser, 1.5m

Standards & Approvals:

Complies with: EN60598-1, EN60598-2-1 EN 60598-2-5, EN55015, EN 61000-3-2, EN 61000-3-3, EN 62493, EN61547, EN 62471

Cone Illuminance Diagram:

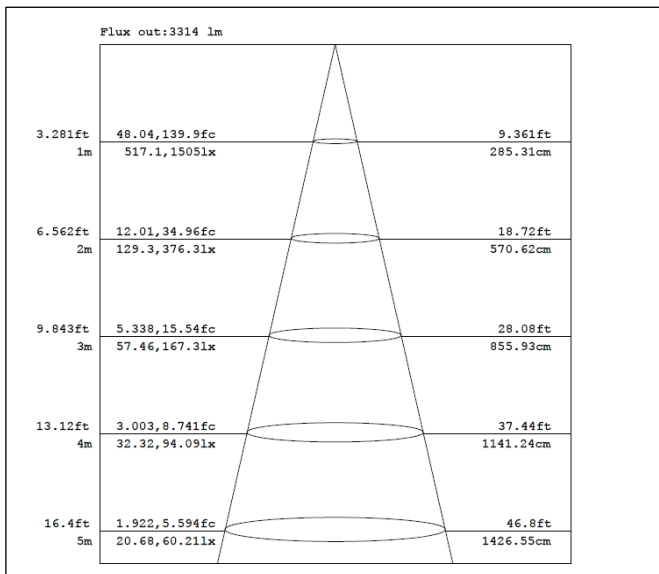
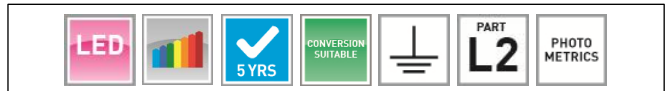


Diagram for RSC604015-01 in 4,000K. Other diagrams available on request



Polar Intensity Diagram:

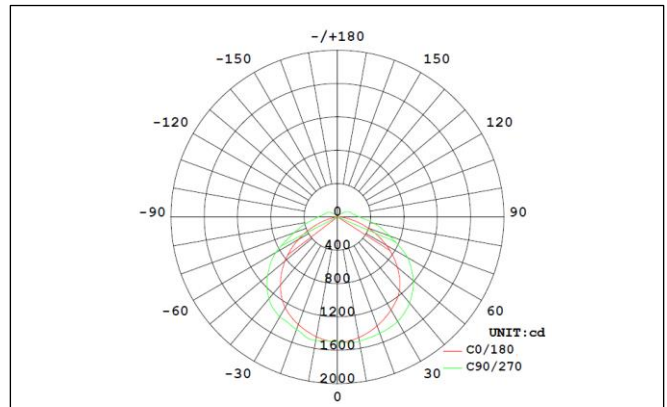


Diagram for RSC604015-01 in 4,000K. Other diagrams available on request