



Spear

Narrow body IP20 Diffused LED batten (TRI-Colour)

Features

- Clever design for easy installation
- Narrow profile body
- Modular construction
- Ideal for all indoor commercial and residential applications
- Selectable colour temperature



ORDERING INFORMATION

Order code	16054
Description	20W 600mm Narrow body LED Batten - TRI-CCT - WHITE
Driver Type	Fixed output
Item Code	SPEAR-16054

MECHANICAL

Adjustability	Fixed
Body Material	Steel
Diffuser Material	Polycarbonate
Product Finish	Powdercoated
Fitting Colour	White
Installation Type	Surface mount
IP Rating	IP20

ELECTRICAL

Electrical Rating	Class I
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	20 W
Switch Type	Inline
Working Temp Range	-20 to 40 °C

LAMP

Macadam Steps (SDCM)	6-step MacAdam Ellipse
Beam Angle	120 °
CCT Configuration	TRI-CCT
CRI	>80

LED LIFETIME

LED Lifetime	54000 hrs
This is the Reported LED Lifetime in Hours based on TM-21. Atom does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.	
LED Lifetime Rating	L70B10
TM-21 Test Hours	9000 hrs

COLOUR TEMPERATURE

20 Watts	
Warm White (3000 K)	1655 lm
Cool White (4000 K)	1900 lm
DayLight (5700 K)	1760 lm



DRIVER

Dimmable	No
Driver Included	Yes
Integrated Driver	No
Driver Type	Fixed output
Wiring Type	Re-wireable terminal block (3 pin)

ENERGY SAVINGS SCHEME

Ipart Approval	Yes
REES Approval	Yes
VEU Approval	Yes

COMPLIANCE

Product Design Life	6 years
The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.	
Daily Use	12 hrs
The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.	
Standards	AS/NZS 60598.1 AS/NZS 60598.2.1 AS/NZS 61347.1 AS/NZS 61347.2.13 AS/NZS CISPR 15

WARRANTY

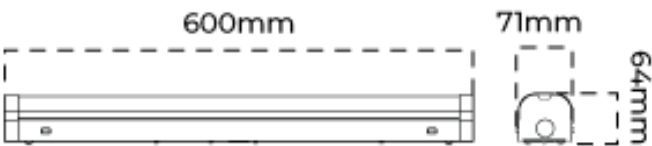
Commercial Use Warranty	3 RTB (Total 3 Years)
Domestic Use Warranty	3 (Yr) RTB
Operational Lifetime	50000 hrs
VIP Warranty	2 Onsite, 3 RTB (Total 5 Years)
VIP warranty is available to registered users and is subjected to additional terms and conditions.	
Warranty Operating Hours	15000 hrs
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).	

DIMENSIONS

Product Height	64 mm
Product Length	603 mm
Product Width	71 mm

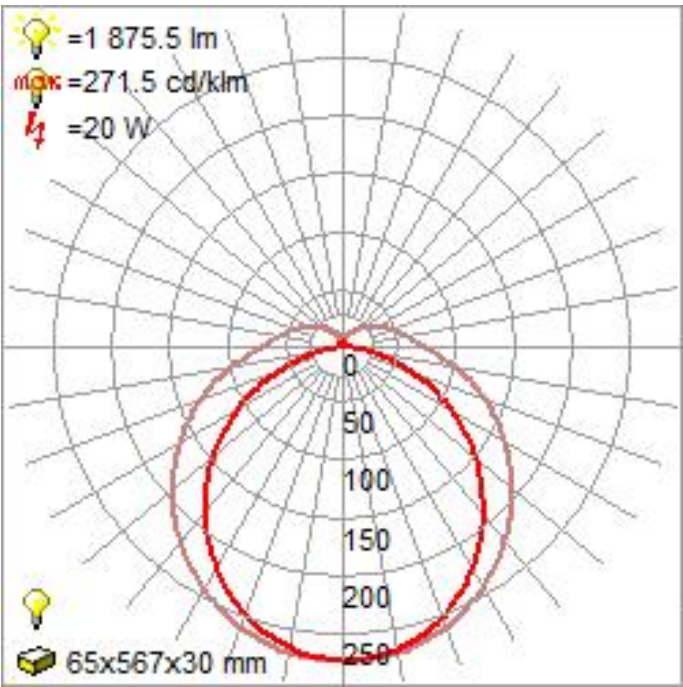
LINE DRAWINGS

SPEAR/16054

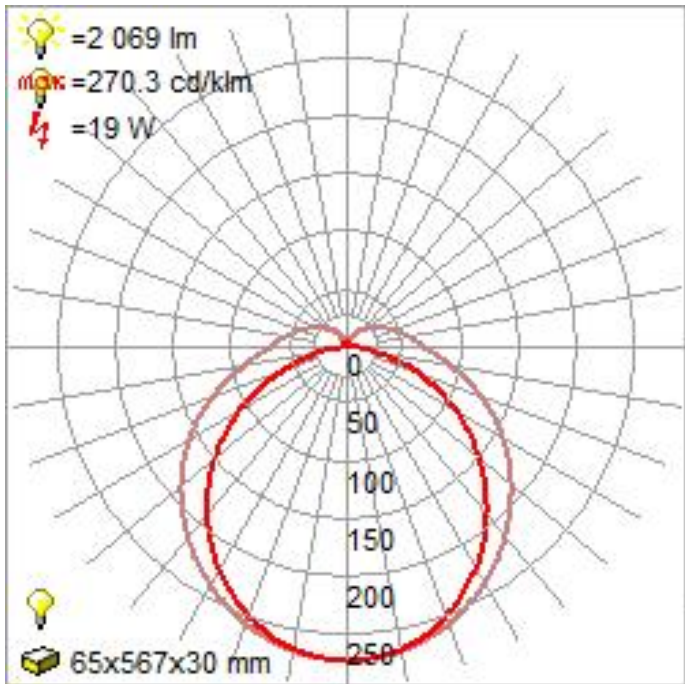


PHOTOMETRICS

Spear/16054/3000K



Spear/16054/4000K



Spear/16054/5700K

