fotenic

ECON BATE20D: 20W can replace existing T5/T8 fixture applying U.S DOE calculation methods

Traditional Air-tight Batten

At a Glance:

- Air Tight
- IP65-68 high voltage encapsulation
- DALI-2 Compatible
- Impressive Efficacy
- Brightens up undercover carparks
- Flicker-Free Lighting
- Enhances Greenstar Rating
- Long Lifespan: >60K hours
- AS/NZS 60598.2.1 compliance
- Emergency Lighting Option
- Standard Driver Option
- LoRa Wireless Option

ECON: Zero Condensation, Very Even Surround Lighting,

Econ uses the traditional approach of waterproofing battens that are common in the Australian market. It is airtight to prevent moisture from entering the fixture.

It is made from tough"indestructible" polycarbonate. Care must be taken to make sure its seals are not damaged during installation and all entry points are sealed. Its polycarbonate diffuser has a beam angle approximately 100° and throws light evenly on the floor in most undercover configuration and can be a good replacement for existing T8/T5 twin fluorescence tube battens.

Econ has a 5 year warranty and has an emergency light option that uses nontoxic Lithium Ferrous Phosphate batteries with app integration.

ECON

BATE20D (DALI) Specification:
Efficacy: 116 lm/W @ 20W
Lighting Control: Dimmable
Driver: BK-PUL018A-0450A, Flicker free

BATE20S (Std Driver) Specification:
Efficacy: 139 lm/W @ 20W
Driver: BK-PQL022-C450A Flicker free

Common Specification:
UGR: <22
Input power range: 20-28W
Beam angles: 120°(H), 110°(V)
CRI: Ra > 83,
Color temperature: Cool, 5000K; Neutral, 4000K;
Warm, 3000K; Amber, 2700K,
SCDM: 3
LLD(Av): 2.21% @ 12,000 hrs
Diffuser: Polycarbonate
Chromaticity shift (Av): 0.0012 @ 12,000 hrs
Fitting Material: Aluminium
Fitting color: Anodise metalic or custom colour
IP rating: IP67 (driver), weatherproof PCB
Input Voltage: 200-240Vac
Power factor: >0.96 @ 20W
Operating temperature: -20°C to 45°C
Approved standards: SAA, C-Tick
Life expectancy (L70): >60,000 hrs
Warranty: 5 years
Weight: 1.3kg 600mm, 2.5kg 1200mm long
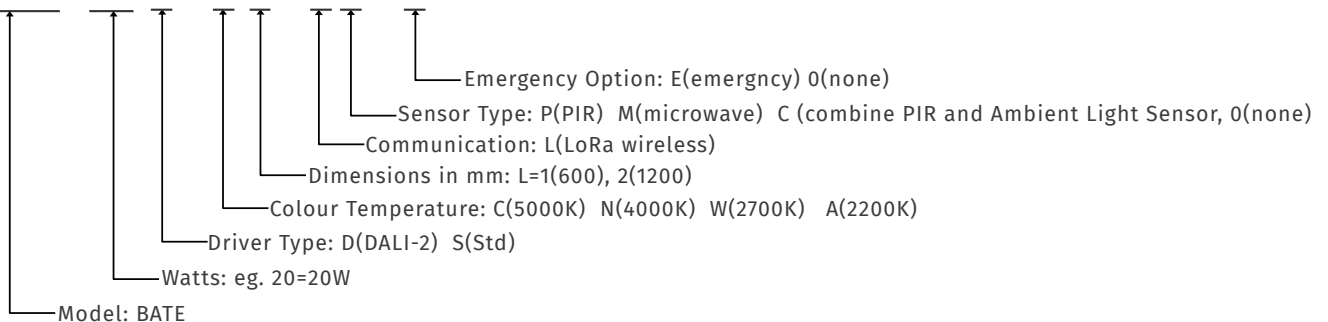Custom color: Yes
Custom Dimensions: Yes

Lighting Control Hardware:

Wired or wireless DALI-2
Wireless LoRa with i3t Smart App
Wireless range: 5km
Hierachical Zone layers: 5
Groups per Zone: 255
Number of gateway: 1 (typical)
Point-n-click Zone-Group configuration
Ambient light correction

I3t User Interface:

Zone-Group dimming
Scene setting
Occupancy sensing
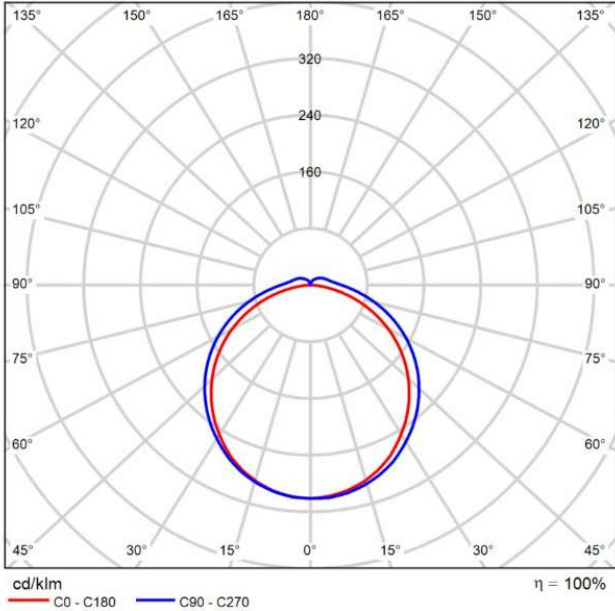Access and Security Control
Emergency Light monitoring

BATE20x-xx-xx-x

Emergency Option: E(emergncy) 0(none)
Sensor Type: P(PIR) M(microwave) C (combine PIR and Ambient Light Sensor, 0(none)
Communication: L(LoRa wireless)
Dimensions in mm: L=1(600), 2(1200)
Colour Temperature: C(5000K) N(4000K) W(2700K) A(2200K)
Driver Type: D(DALI-2) S(Std)
Watts: eg. 20=20W
Model: BATE

Dimensions

1165mm

90mm

Photmetric Chart

BAT20E photometric chart