Cu-Beam™ suspended lights provide powerful light, precisely where you need it. Heat pipe technology creates a highly effective cooling system, meaning each light can use a single high-power, high-efficiency chip on board LED. This single light source, combined with a custom-designed PMMA lens, delivers optically efficient, precisely controlled illumination.

The cooling system also prolongs the life of the LED, ensuring long-lasting performance and colour stability. The luminaire is supplied with a customized DALI driver, with additional heat sinks and high-grade capacitors.

To specify, state:
Sleek suspended luminaire with single high efficiency chip on board LED CRI 80min 2 step binning – cooled via sintered copper heat pipes. Unique rectangular distribution optic with adjustable trim blades for optimum framing and glare control.
Power over suspension cable DALI driver.
Installation

Pendant. System complete with power supply base and L = 157.5in Cable

Mounting: Ceiling pendant

Environment: Indoor


Electrical

Input voltage / Frequency: 100-240V, 50/60Hz

Control signal voltage: 0-16 V (0-16 V DC DALI)

Rated power: 57W

Standby power consumption: 0.5W

Driver / Power unit / Transformer: PSD
(Power supply unit with DALI interface) Universal

Driver included: Yes

Embedded control: No

Dimmable: DALI

Minimum dim level: 10%

Suitable for random switching: Yes (relate to presence / movement detection and daylight harvesting)

Wiring: Product complete with electronic components

Glow-wire test: 1562/5 (Temperature 1562°F, duration 5s)

Optical

Light source: Chip on board LED

Number of light source: 1

Light source replaceable: No

3000K Fixture light output: 5120

4000K Fixture light output: 5350

3000K Luminous efficacy: 90lm/W

4000K Luminous efficacy: 94lm/W

Illuminance Eav: 643 lux across 126.0in x 63.0in surface (at 51.2in height above task surface)

LED L70: 180,000hrs

Color temperature: 3000K / 4000K
(Please enquire for other CCT options)

CRI: 80 minimum

Beam angle: 111° X 78°

IP rating: 20 indoor use only

LED binning: 2 step (ANSI)

Operating temperature range: 32°F - 104°F or Application conditions, Average ambient temperature T25 (+25°C)

Construction

Housing materials: Aluminium / Copper / Polycarbonate

Optical lens materials: PMMA (Acrylic)

Operation

DALI dimming

Logistics

Net (fixture) weight: 6.4lbs

Luminaire weight: 3.5lbs

Packaged weight: 10.6lbs

Packaged dimensions:

Standard warranty

5 year limited warranty