

The Britube Linear fixture features in streamline tube shape with aluminum base and frosted polycarbonate lens. It is designed to deliver direct and indirect lighting to commercial spaces. 3000K, 3500K, 4000K and 5000K are in one. Sensor and emergency back-up optional. The Britube linear fixture is available in standard lengths of 4ft, 8ft and can be joined together in seamless runs. Highly effective and efficient lighting solutions for offices, retail outlets, storage rooms, conference rooms, hallways and more.

TECHNICAL DATA

Length/Wattage

4ft	40W
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8ft	80W
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CRI	80
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CCT	Selectable 3000K/3500K/4000K/ 5000K
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Driver	0-10V Dimming
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Input Voltage	120-277V, 120-347V, 50/60Hz
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Operating Temp.	-4°F to 104°F (-20°C to 40°C)
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Certifications	cULus listed Suitable for dry locations RoHS compliant
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Power Factor	>0.9 at full load
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Harmonic Distortion	<20% at full load
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Projected Lifetime	L70 - 100,000 Hours
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FEATURES

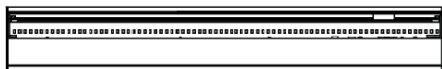
- Aluminum base and frosted polycarbonate lens.
- 3000K, 3500K, 4000K and 5000K are in one.
- Direct and indirect distribution.
- Sensor and emergency back-up optional.
- Special end caps design for easy run mount.

SPECIFICATION

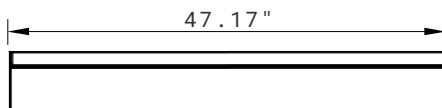
4ft

Net Weight: 6.8lbs/3.1kg

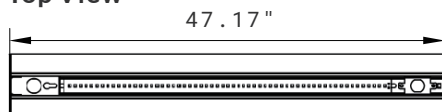
Section View



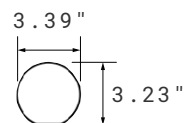
Side View



Top View



Side View



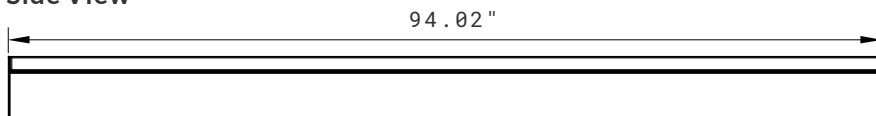
8ft

Net Weight: 12.8 lbs/5.8 kg

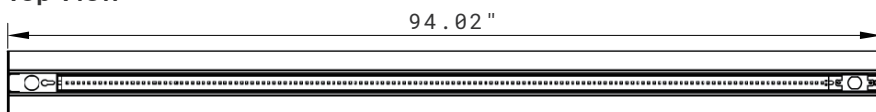
Section View



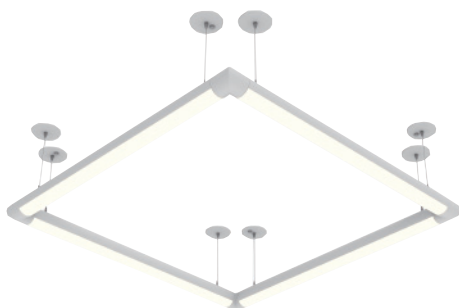
Side View



Top View



PATTERNS



EXAMPLE: BIT12ID40SW1

NOTE:

1. 3500K is default setting.
2. 120-277V is standard. 120-347V is optional.
3. Pendant mount kits need to be bought separately.
4. Microwave dimming sensor, for mounting height 40ft (12m) max. Dimming default setting is Bi-Level dim and dimming to 30%. Other dimming levels, ON/OFF function and daylight sensor can be set by the remote controller RC-100.
5. Emergency Battery Back-up is for ambient temperatures of 32°F -104°F (0 °C -40°C).
6. White finish is standard. Custom color is available for a premium setup fee. Consult Customer Service for additional information.

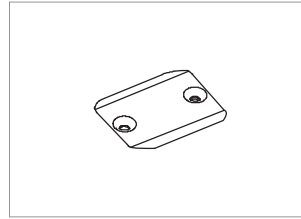
ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)



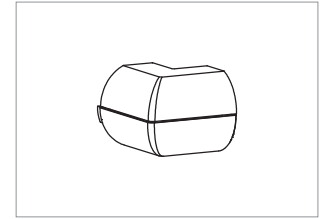
90535
RC-100
Remote control for MSW.



90737
BIT/ARC-PMK
Pendant Mount Kit.



91488
BIT-CRMK
Continuous Run Mount
Kits.¹



91489
BIT-LCMK
L Corner Mount Kits.

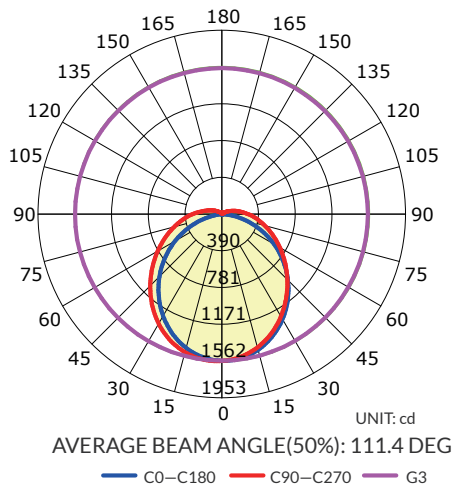
NOTE:

1. Continuous run can't exceed 400W.

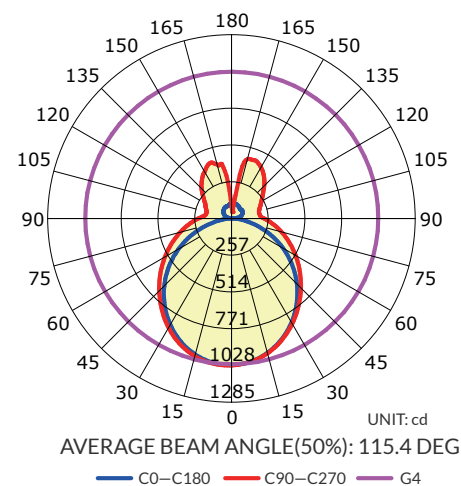
PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.

100% Downlight



28% Uplight and 72% Downlight



PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Wattage	Measured Wattage	Lumen Output	AC Input 120V	CCT	CRI	LPW
40W	38W	4400lm	0.33A	4000K	80	117
80W	80W	9200lm	0.67A	4000K	80	115

PIR DIMMING SENSOR SETTING (BRI820-M)

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application. The sensor setting also can be done by a remote control (RC-100) which need to be bought separately.

	1	2	
I	↓	↓	20%
II	↓	↑	50%
III	↑	↓	75%
IV	↑	↑	100%

Sensitivity

Sensitivity can be reduced by selecting the combination on the DIP switches to fit precisely each application.


Default Setting: 100%

	3	4	
I	↓	↓	10s
II	↓	↑	1min
III	↑	↓	5mins
IV	↑	↑	15mins

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

Default Setting: 1mins

	5	6	
I	↓	↓	
II	↓	↑	10 lux
III	↑	↓	30 lux
IV	↑	↑	50 lux

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

Default Setting: 

	7	8	
I	↓	↓	0%
II	↓	↑	10%
III	↑	↓	30%
IV	↑	↑	50%

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.

Default Setting: 30%

	9	10	
I	↓	↓	+∞
II	↓	↑	1min
III	↑	↓	30mins
IV	↑	↑	60mins

Stand-by time

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to “+∞” mode, the low light is maintained until motion is detected.

Default Setting: 30mins

WARRANTY

5 years limited warranty.

Specifications subject to change without notice.