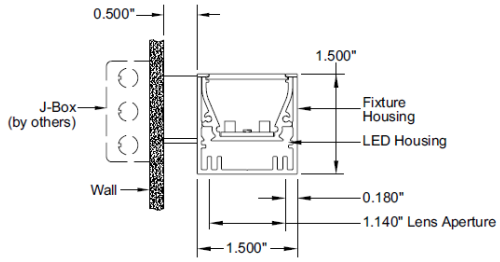
1" LED Wall Bracket



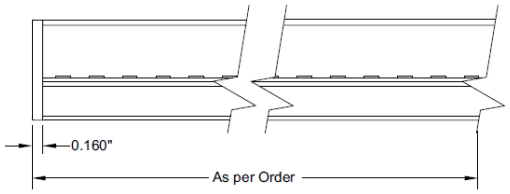
Linear Narrow Profile
LED Indirect Wall Bracket
with Flush Lens and External Driver

BUX1 LED

Job Name	
Fixture Type	

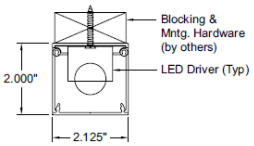


Fixture Profile

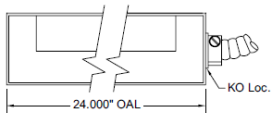


Sectional Side View

Remote Driver Enclosure



Profile



Sectinal Side View

BUX1-L _____ _____ _____ _____ - _____ - _____ - _____

CRI	Color	Output	Dimming	Lens	Fix. Length (")	Fix. Finish
8 80+ **9** 90+ **R** RGB & RGBW	**27** 2700K *(90 CRI only)* **30** 3000K **35** 3500K **40** 4000K **TW** Tunable White (1)(2) **DW** Dim-to-Warm (1)(2) **GB** RGB **G3** RGBW 3000K **G5** RGBW 3500K	**S** Standard **H** High **M** Maximum *Custom:* *Specify Lm/Ft* (3) **F** Fixed *(RGBs)*	**S** Std. 0-10V 1% **O** Dim-to-Off (1)(2) **L** Lutron 1% (3) **D** DALI 1% **P** PoE (3) **2** Wire *(phase-cut)* **T** Step *(10%-70%)* **W** Wireless (3) **X** DMX *(RGBs)*	**CL** Clear **DF** Diffusion **AS** Asymmetric **BW** Batwing **LS** Louver Specular	*Nominal:* **24** **36** **48** **60** **72** **84** **96** *(see Page 2)* *Custom:* **Cxxx** *(in inches)* (3)	**W** White, Std. **B** Black *Custom Color: Specify RAL#*

Product Code Example: **BUX1-L830SS-DF-C120-W**

An ultra-clean line, low profile, narrow aperture indirect linear wall bracket utilizing high performance LED boards and lenses. Extruded aluminum housing with external drivers (RBG/W drivers are also external).

Features

- Starfire's proprietary EvenGlow™ system provides uniform lens illumination from edge-to-edge without lamp imaging, bright spots or shadows at any length.
- Fixtures fabricated to any specified length without custom engineering.
- Exceptional lumen per watt efficiency.
- High efficiency, low cost, dynamic Tunable White or Dim-to-Off options.
- High performance snap-in lenses; flush clear diffusion, batwing or asymmetric plus white or specular louver options.
- Combine with welded corner Connectors to form small or large scaled patterns of uniform light.
- ADA compliant

Fixture Specifications

- Housing: Heavy-duty extruded aluminum.
- Finish: White (std), custom available.
- Weight: Approx. 0.9 lb per linear foot.
- UL Listed, (indoor non-condensing).

Electrical

- Power consumption: Per specification based on LED configuration.
- Input Voltage: 120-277V universal driver.
- Ambient operating range: -4 °F to +100 °F.
- Class 2 plenum wiring between fixture and remote electronic driver.
- Drivers with full dimming range at any output choice.
- RGB & RGBW utilize external Decoder and Power Supply capable of driving multiple fixture segments.
- 1% Dimming: 0-10V standard (included), consult factory for other options.

Mounting

- Easy two piece side mount bracket. Consult factory for special conditions.

Options (Consult factory)

- Occupancy sensor, daylight control module.
- EM battery pack in 4ft segments. Delivers 1000 + total lumens for 90 mins (depending upon configuration). Specify location (Not for use with RGBs).
- BAA/BABA compliance for some configurations - factory to confirm.

LED Specifications/Photomerty: Page 2

(1) 90 CRI, 2700K-6500K std., others available. Specify CCT range.
(2) 0-10V Control, std., others available – Specify (Factory to confirm).
(3) Specify – Factory to confirm

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1" LED Narrow Profile Indirect Wall Bracket – Flush Lens with External Driver

BUX1 LED

White LED Specification

- Choice of lumen output levels: Standard, High, Max. and Custom (between 200 and 1100 Lm/Ft) depending upon configuration. **High Output option***: Up to 1800 Lm/Ft, consult factory.
- LED efficiency: Up to 160 Lm/Wt at Maximum output and 180 Lm/Wt at Standard power (at 80+ CRI).
- Proprietary in-house, ultra-tight Vf binned LEDs for uniform intensity.
- Color consistency**: Equal or better than 3 SCDM.
- Tunable Range: 2700K-6500K, other ranges available.
- Dim-to-Warm – Warm range down to 1800K.
- L70: 50,000+ hours at Maximum output.
- 5 year limited warranty***

Diffusion Lens (Std.) – White LEDs

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
S Standard	**250**	1.7	147.4	1.7	143.3	1.8	139.3	1.9	129.9
H High	**500**	3.5	144.0	3.6	139.9	3.7	135.9	4.0	125.9
M Maximum	**750**	5.3	140.6	5.5	136.5	5.7	132.5	6.2	121.8

LV6

Clear – White LEDs

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
S Standard	**250**	1.6	155.4	1.7	151.2	1.7	146.9	1.8	137.1
H High	**500**	3.3	152.0	3.4	147.8	3.5	143.5	3.8	133.0
M Maximum	**750**	5.0	148.6	5.2	144.4	5.4	140.1	5.8	129.0

LV6

Batwing – White LEDs

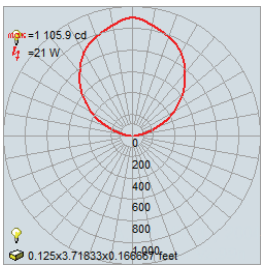
80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
S Standard	**250**	1.7	143.6	1.8	139.7	1.8	135.7	2.0	126.6
H High	**500**	3.6	140.2	3.7	136.3	3.8	132.3	4.1	122.5
M Maximum	**750**	5.5	136.8	5.6	132.9	5.8	128.9	6.3	118.4

LV6

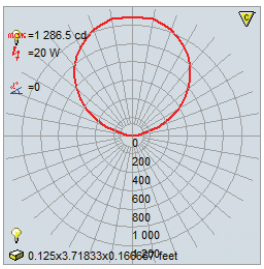
Asymmetric – White LEDs

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
S Standard	**250**	1.7	147.5	1.7	143.5	1.8	139.5	1.9	130.1
H High	**500**	3.5	144.1	3.6	140.1	3.7	136.1	4.0	126.0
M Maximum	**750**	5.3	140.7	5.5	136.7	5.7	132.6	6.2	121.9

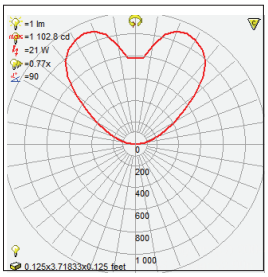
LV6



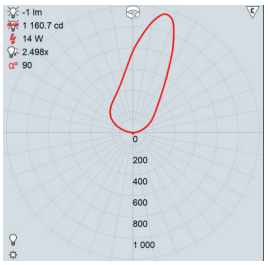
Diffusion (Std.)



Clear



Batwing



Asymmetric

RGB & RGBW LEDs

Maximum Output (Diffuser)

	Lm/Ft	Wt/Ft	Lm/Wt
RGB (all on)	123	9.4	6.0
White	467	6.8	8.4
RGBW (all on)	617	16.2	38.0

Output adjustable with DMX-512 Control.

Performance for standard RGBW combo tape with level diffusion lens. Consult the factory for other options.

Fixture Overall Length*

Nominal	Actual
24"	24.34"
36"	33.62"
48"	48.06"
60"	55.67"
72"	71.81"
84"	83.22"
96"	95.34"

Fixture Length Ordering Example:

For a nominal 36" length (33.62" exact): enter **36.**

To order an exact 36" length: enter **C36.**

Contact factory for fixture installation dimensions

* Some exact lengths may include unobtrusive lens filler

* Consult factory for High Output White channel 1200+ Lm/Ft
** Does not apply to Tunable White
*** See Starfire website for Product Limited Warranty

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