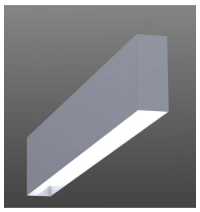
2" LED Pendant

LED

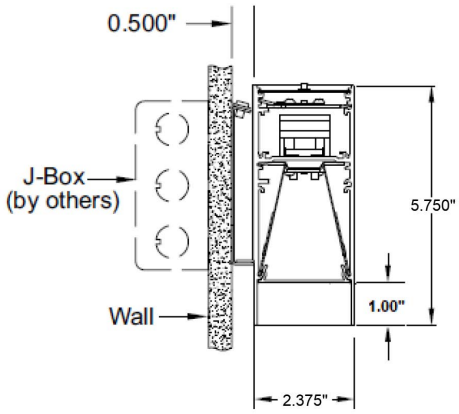


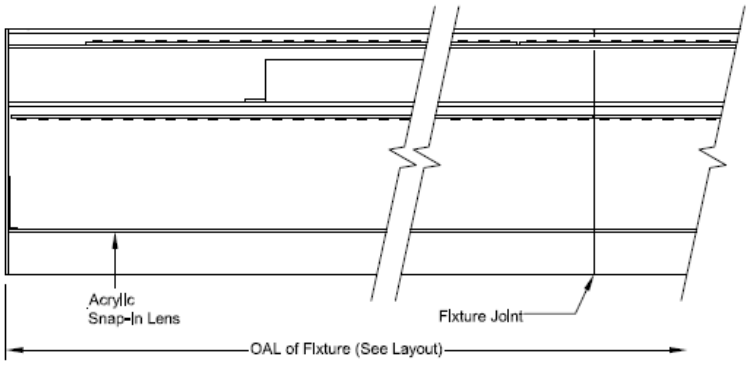
Linear LED Direct/Indirect Wall Mount with Regressed Snap-in Lens

BHR2

Job Name

Fixture Type





	DIRECT					INDIRECT							
BHR2-L													
CRI	**Color Temp**	**Output**	**Dimming**	**Lens**	**CRI**	**Color Temp**	**Output**	**Dimming**	**Lens**	**Length(")**	**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 Color **G3** 3000K RGBW **G5** 3500K RGBW	**S** Standard **H** High **M** Maximum *Custom:* *Specify Lm/Ft* (3) **F** Fixed *(for RGBs)*	**S** Std 0-10V 1% **O** Dim-to-Off (1)(2) **L** Lutron (3) **D** DALI 1% **P** PoE (3) **2** Wire *(phase-cut)* **T** Step *(10%-70%)* **W** Wireless(3) **X** DMX *(RGBs)*	**DF** Diffuser **AS** Assymetric **BW** Batwing **LW** Louver White **LS** Louver Specular	**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 Color **G3** 3000K RGBW **G5** 3500K RGBW	**S** Standard **H** High **M** Maximum *Custom:* *Specify Lm/Ft* (3) **F** Fixed *(for RGBs)*	**S** Std 0-10V 1% **O** Dim-to-Off (1)(2) **L** Lutron (3) **D** DALI 1% **P** PoE (3) **2** Wire *(phase-cut)* **T** Step *(10%-70%)* **W** Wireless(3) **X** DMX *(RGBs)*	**CL** Clear (Std) **D1** Drop 1/2" **D2** Drop 2" **AS** Assymetric **BW** Batwing	*Nominal:* **24**(4) **36** **48** **60** **72** **84** **96** *(see Pg 2)* **Cxxx** *Custom:* *(in inches)*	**W** White (Std) **B** Black **C xxx** *Custom:* *(RAL #)*

Product Code Example: **BHR2-L830SS-DF-830SS-CL-C120-W**

Wall mount linear direct/indirect fixture utilizing high performance LED boards, with regressed direct snap-in acrylic lenses and full reflectors.

Features

- Starfire's proprietary EvenGlow™ system provides uniform illumination from end-to-end without lamp imaging, bright spots or shadows at any length.
- Fixtures fabricated to any length without custom engineering
- Exceptional lumen per watt efficiency.
- High efficiency, low cost, Tunable White, Dim-to-Warm options, and RGB & RGBW options.
- High performance snap-in lenses: diffusion, batwing or louvers.
- Indirect drop (extended) with illuminated end caps.
- Independent power and dimming of direct and indirect circuits.
- Combine with welded corner Connectors to form small or large scaled patterns of uniform light.

Fixture Specifications

- Housing/Trim: Heavy-duty extruded aluminum.
- Finish: White (std), custom available.
- Weight: Approx. 4.5 lbs. per linear foot.
- UL Listed, (indoor non-condensing).
- Consult factory for RGB specifications.

Electrical

- Power consumption: Per specification based on LED configuration.
- Input Voltage: 120-277V universal driver.
- Ambient operating range: -4 °F to +100 °F.
- Integral electronic drivers.
- Integral wiring bus between fixture sections.
- Drivers with full dimming range at any output choice.
- Dimming: 0-10V 1% standard, contact factory for options.
- RGB & RGBW Dimming: DMX only external decoders.

LED Specification/Photometry: Page 2

Mounting

- 2 piece wall bracket at power and non power locations
- At power feed location, the wall portion attaches to a standard J box. Fixture portion provides Class 1 passage of power and dimming leads into the fixture.
- Contact factory for fixture lengths >96".

Options (Consult factory)

- Occupancy sensor, daylight control module can be used for full On/Off or combined with step dimming for partial reduction in light such as a stairwell application.
- EM pack in 4 ft segments. Delivers 800+ total lumens for 90 mins. Specify location (+/- 2ft) at time of order.
- BAA/BABA compliance for some configurations – factory will advise.

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

starfire
STARFIRE LIGHTING, INC.
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P 201.438.9540
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BHR2

White LEDs

- Choice of lumen output levels:
  S: Standard, **H:** High, **M:** Maximum,
  C: Custom (between 200 and 1100 Lm/Ft) depending upon configuration.
  High output option: Up to 2000 Lm/Ft, consult factory.
- LED Efficiency: Up to 160 Lm/Wt at Max. 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.
- 70: 50,000+ hours at Max. output.
- 5 year limited warranty*

Tunable White LEDs

- Choice of lumen output levels:
  S: Standard, **H:** High, **M:** Maximum,
  C: 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 Max. 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 to 6500K other ranges available.
- Dim-To-Warm option – warm range down to 1800K.
- 70: 50,000+ hours at Max. output.
- 5 year limited warranty*

RGBW White LEDs

- DMX control of mixing and intensity.
- LED Efficiency: Up to 80 Lm/Wt White at Max. output.
- High Output Hybrid option static White + RGB.
- Decoder and power supply are external (up to 35 feet away).

Direct

Diffuser

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
Standard	400	3.8	105.0	3.8	104.0	4.0	101.0	4.3	93.3
High	700	7.0	99.5	7.2	98.5	7.3	95.4	8.0	87.8
Maximum	850	8.8	96.7	8.9	95.7	9.2	92.6	10.0	85.5

Indirect

Clear

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
Standard	400	2.6	153.0	2.6	151.5	2.7	147.2	2.9	136.1
High	700	4.7	147.4	4.8	146.0	4.9	141.6	5.4	130.6
Maximum	1100	7.9	140.0	7.9	138.6	8.4	134.2	8.9	123.3

* See Starfire website for Product Limited Warranty

Fixture Overall Length

Nominal	Actual
24"	24.0"
36"	33.5"
48"	48.0"
60"	55.5"
72"	72.0"
84"	83.25"
96"	96.0"

Fixture Length Ordering Example:

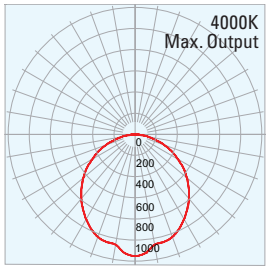
For a nominal 36" length (34.5" exact): enter **36.**

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

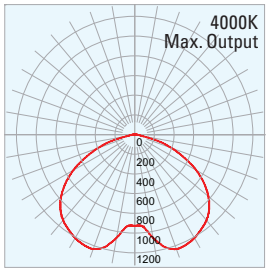
Contact factory for fixture installation dimensions

Direct

Diffuser

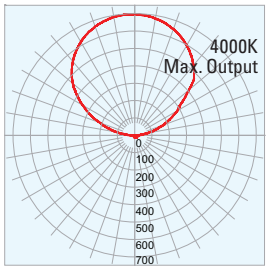


Batwing

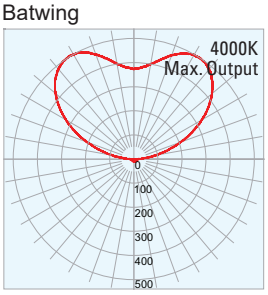


Indirect

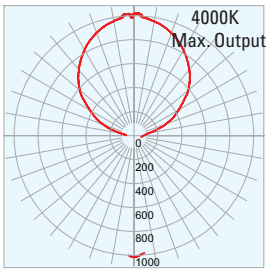
Clear



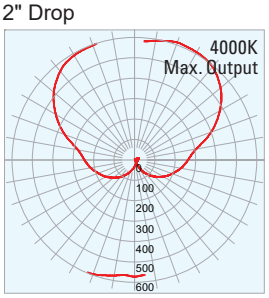
Batwing



1/2" Drop



2" Drop



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