

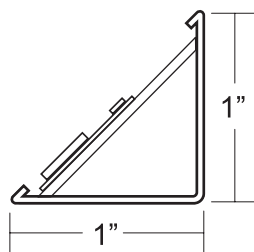
595 LED - DISPLAY

ANGLED

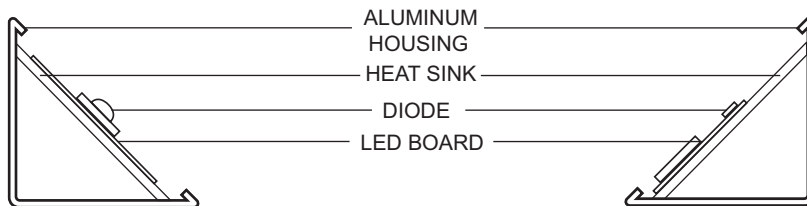
SHOWCASE / DISPLAY

RB - REMOTE BALLAST

- light engines available:
 - HF2N High Lumen LED emitters
 - HF2N-H Half populated
 - HF2XB-S4 high lumen LED emitters
- extruded aluminum housing
 - excellent heat sinking - extends lamp life - improves efficiency
- variety of lensing options
- satin anodized clear finish is standard - a variety of other standard and custom finishes and powdercoated finishes are available
- all display fixtures come standard with 9'-0" wire leads
- remote driver
- mounting options, end caps, and acrylic diffusers also available
- UL and C-UL listed for dry and damp locations

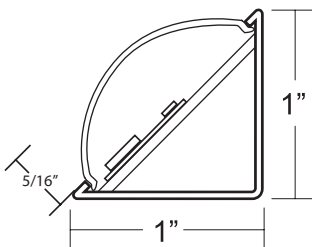


595-LED dimensions



-HF2XB-S4
(11.5" boards)

-HF2N
(10" & 4" boards)



(SIW) Satin Ice White Lens Option

595-LED	LED Options:	Color Temp	Nominal Length	Voltage	Feed Type	Finish	Options*
595-LED	-HF2N (10w/ ft) -HF2N-H (5w/ ft) -HF2XB-S4 (3.9w/ ft)	-3000 -3500 -4000	1 - 1' 2 - 2' 3 - 3' 4 - 4' 5 - 5' CU - Custom* CR** - Continuous Run*	1 - 120V 2 - 277V	EF - End Feed FF - Front Feed CU - custom (supply sketch)	SC - Satin Clear HRW - High Reflective White FB - Flat Black CU - Custom*	*Specify or consult factory
			*Consult Factory **Specify length in nominal feet		NL - No Lens SIC - Satin Ice Clear SIW - Satin Ice White LP - Linear Prismatic** CU - Custom*	*Consult Factory	
					*Consult Factory **Non-stocked item - longer lead time		

Job Information

Type:

Job Name:

Location:

BIRCHWOOD LIGHTING

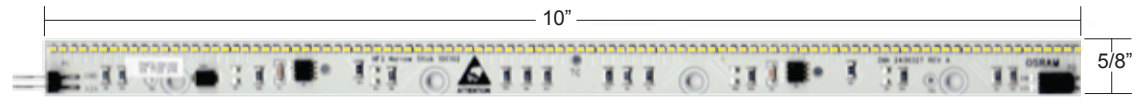
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NOTE: Specifications and dimensions are subject to change without notice.

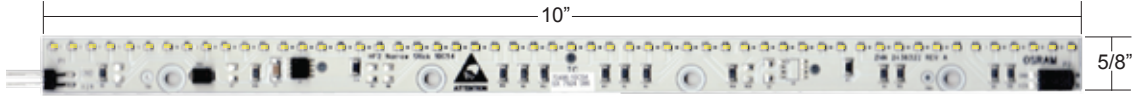




HF2XB-S4



HF2N *** 4" board also available



HF2N-H (half populated) *** 4" board also available

LED LIGHT ENGINE SPECS

LED OPTIONS

- Light engines available:
 - HF2N - 102 emitters on 10" - 10 watts/ft. 540 lumens/ft.
 - HF2N-H - 54 emitters on 10" 5 watts/ft. 270 lumens/ft.
 - HF2XB-S4 - 4 emitters on 11.5" 3.9 watts/ft. 225 lumens/ft.
- please consult factory for other options
- continuous run with several boards
- remote driver required: *see driver housing page *consult factory for driver options
- UL and C-UL listed for Dry and Damp locations

HF2N

- Narrow 5/8" w board comprized with closely packed small LEDs
- High Lumen LED emitters with rated service life to 50,000 hours at 65 degrees Celsius.
- HF2N modules come in 10" and 4" sections with 102 emitters on the 10" and 42 emitters on the 4" section near continous light. 10 watts/ft. yielding 540 lumens/ft. which is 54 lumens/watt (lumen/ft. and lumens/watt based on 3000K color temp)
- Available in 3000K, 3500K and 4000K
- 120 degree beam angle
- CRI 85
- 4" boards also available* contact factory

HF2N-H (half populated)

- Narrow 5/8" w board comprized with closely packed small LEDs
- High Lumen LED emitters with rated service life to 50,000 hours at 65 degrees Celsius.
- HF2N-H modules is half populated which in turn uses half the wattage and the operating temp is less than the full population
- HF2N-H modules come in 10" and 4" sections with 54 emitters on the 10" and 24 emitters on the 4" section near continous light. 5 watts/ft. yielding 270 lumens/ft. which is 54 lumens/watt (lumen/ft. and lumens/watt based on 3000K color temp)
- Available in 3000K, 3500K and 4000K
- 120 degree beam angle
- CRI 85
- 4" boards also available* contact factory

HF2XB-S4

- High Lumen LED emitters with rated service life to 50,000 hours at 40 degrees Celsius.
- HF2XB-S4 modules come in 11.5" lengths with 4 emitters per module 3.9 watts/ft. yielding 225 lumens/ft. which is 58 lumens/watt (lumen/ft. and lumens/watt based on 3000K color temp)
- Available in 3000K, 3500K and 4100K, and 5700K
- 90 degree beam angle
- HF2XB-S4 modules run on 24VDC power
- CRI 85

Job Information

Type: _____

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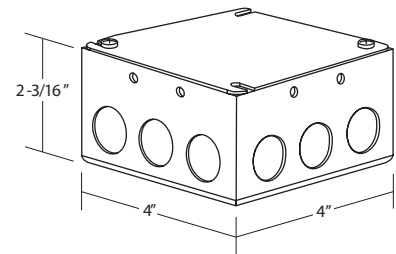
OPT-LED

DRIVER HOUSINGS

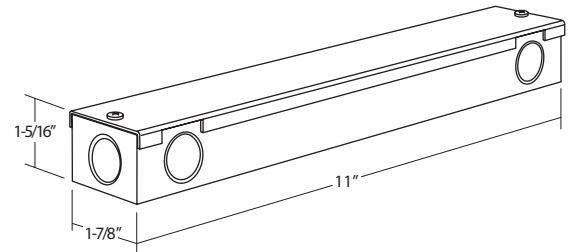
REMOTE DRIVER HOUSINGS

- used for remote power supplies
- formed aluminum construction
- standard finish is mill aluminum to provide excellent heat dissipation
- custom powder coat finishes are available for visible housings (consult factory)
- standard sizes shown, custom sizes are available
- driver(s) and housing(s) dependent upon run length
- all models feature several conveniently located trade size knock-outs (K.O.'s)
- consult factory for recommended maximum remote mounting distance
- UL and C-UL Listed for Dry Locations

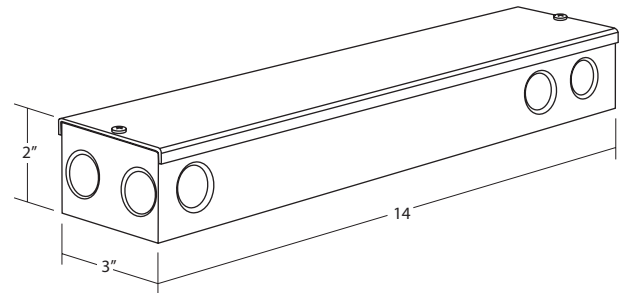
- **BB04C**
- used for 3-20w LED board combinations
120v only, 20 watt driver
contact factory to verify specification
- DIMENSIONS: 4" x 4" x 2-3/16"
- **NOTE:** Contact Factory about Driver Housings to be sent out prior to electrical rough-in.



- **BB11D**
- used for 21-75w LED board combinations
120 -277v, 75 watt driver
- DIMENSIONS: 11" x 1-7/8" x 1-5/16"



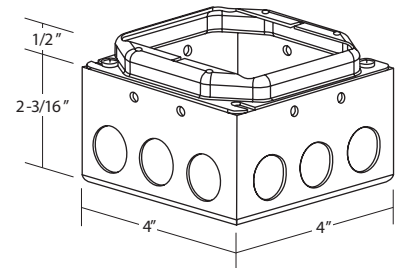
- **BB14B**
- used for 76-96w LED board combinations
120 -277v, 96 watt driver
- DIMENSIONS: 14"(L) x 3" x 2"



STANDARD HOUSINGS

SPECIAL ORDER HOUSING

- **BB04C-MR**
- used for 3-20w LED board combinations
120v only, 20 watt driver
contact factory to verify specification
- includes 1/2" mud ring
*consult factory for other options
- DIMENSIONS: 4" x 4" x 2-3/16"
- **NOTE:** Contact Factory about Driver Housings to be sent out prior to electrical rough-in.



GENERAL NOTES:

- The standard Driver Housing is mill aluminum (MA) finish.
- Please contact factory for custom housing sizes and/or color
- Contact factory with any ballast housing questions

Job Information

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LED-DH-OPT