

Type:
Job:
Catalog number:



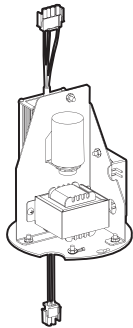
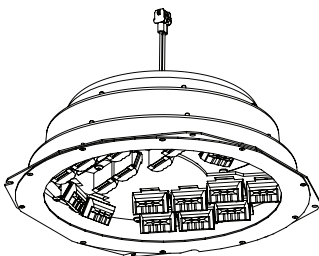
Approvals:

BNS-LED-KIT / / /
Fixture Source Color Temp. Voltage

Date:
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Specifications

BNS-LED-KIT
 60 Light Emitting Diodes
 Total Max System Watts = 66W



Electronic Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Module includes a driver and surge protector. Electrical module attaches to housing with key hole slots, accessible by opening the lens frame and removing optical module. Driver is rated for -40°F starting temperature and has a 0-10V dimming interface for multi-level illumination options.

Optical Module: Precision, replaceable PicoEmitter reflectors are positioned to achieve directional control toward desired task. The entire EmitterDeck® mounting assembly fastens to housing as a one-piece module.

IMPORTANT: Disable all power to the luminaire before conducting any maintenance or replacement activity. Failure to do so will create a hazardous working environment.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local codes. Failure to do so may result in serious personal injury.

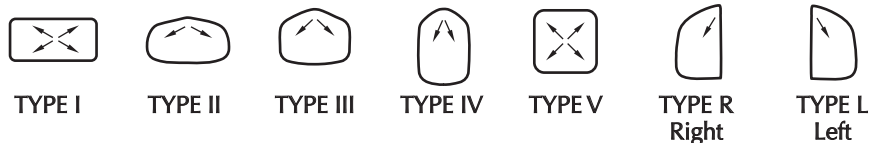
Fixture

Cat. No. designates fixture and distribution

BNS-LED-KIT	x	60L	x	K	x
Replacement Kit: BNS-LED-KIT		Source: 60L = 60 LED's		Color Temperature: <input type="checkbox"/> 2K = 580nm - Amber <input type="checkbox"/> 3K = 3000K <input type="checkbox"/> 4K = 4200K <input type="checkbox"/> 5K = 5100K	Voltage: <input type="checkbox"/> 120 = 120V <input type="checkbox"/> 208 = 208V <input type="checkbox"/> 240 = 240V <input type="checkbox"/> 277 = 277V <input type="checkbox"/> 347 = 347V ¹ <input type="checkbox"/> 480 = 480V ¹
Distribution: <input type="checkbox"/> 1 = Type I <input type="checkbox"/> 4 = Type IV <input type="checkbox"/> 2 = Type II <input type="checkbox"/> 5 = Type V <input type="checkbox"/> 3 = Type III <input type="checkbox"/> R = Type R Right <input type="checkbox"/> L = Type L Left					

¹Due to current unavailability of 347V and 480V drivers, specification of these voltages may feature an integral step-down transformer.

Light Distribution:



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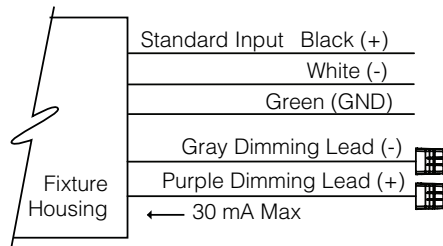
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0-10V Dimming Interface

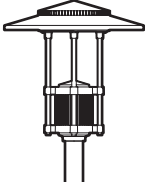
Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems including Hubbell Building Automation wiHUBB™. Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV. Note: Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming lead.



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Lumen Data

Spectroradiometric			
	3000K Average	4200K Average	5100K Average
Correlated Color Temp. CCT (K)	2800K-3175K	3800K-4600K	4600K-5600K
Color Rendering Index (CRI)	≤80	≤80	≤70
Power Factor	>.90	>.90	>.90

Projected Lumen Maintenance*		
mA	100,000 hrs	(Calculated L70)
350	93.71%	641,000 hrs.

Electrical Drive Current @ 350mA		
Volts - AC	Amps - AC	System Watts
120	0.55	66
208	0.32	66
240	0.28	66
277	0.24	66
347	0.19	66
480	0.14	66

B.U.G. Rating (TM15) in Lumens wher B = Backlight, U = Uplight, G = Glare								
Temperature	TYPE 1	TYPE 2	TYPE 3	TYPE 3 NFO	TYPE 4	TYPE 4 NFO	TYPE 5	TYPE L/R
3000K	B2 U0 G2	B1 U0 G1	B1 U0 G1	N/A	B1 U0 G1	B0 U0 G1	B2 U0 G1	TBD
4200K	B2 U0 G2	B2 U0 G2	B1 U0 G1	N/A	B1 U0 G1	B1 U0 G1	B2 U0 G1	TBD
5100K	B2 U0 G2	B2 U0 G2	B1 U0 G1	N/A	B1 U0 G1	B1 U0 G1	B2 U0 G1	TBD

Absolute Lumens								
Temperature	TYPE 1	TYPE 2	TYPE 3	TYPE 3 NFO	TYPE 4	TYPE 4 NFO	TYPE 5	TYPE L/R
3000K	3313	3425	3258	N/A	3373	2941	3493	TBD
4200K	4344	4491	4272	N/A	4423	3857	4581	TBD
5100K	4601	4757	4525	N/A	4685	4085	4852	TBD

LED performance and lumen output continues to improve at a rapid pace. Log onto www.kimlighting.com to download the most current photometric files from Kim Lighting's IES File Library. For custom optics and color temperature configurations, contact factory.

For warranty see <http://www.hubbellighting.com/resources/warranty>