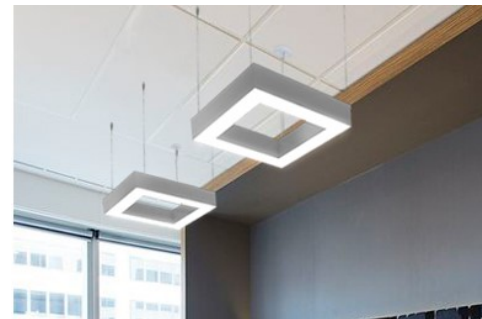


# BRADEN 2NS LED



## HOUSING

TO BE FORMED FROM 6063T5 ALLOY  
FINISH: BAKED WHITE ENAMEL (STANDARD) ALL STEEL PARTS ARE PHOSPHATE TREATED FOR CORROSION RESISTANCE BEFORE PAINT PROCEDURE, THEN BAKED WITH SUPERIOR ADHESION FOR DURABILITY

## LED MODULES

HIGHER EFFICACY UP TO 170 LPW WITH SERVICE LIFE GREATER THAN 60000(L70) HIGH COLOR RENDER AND EXCELLENT COLOR CONSISTENCY COLOR OPTIONS AVAILABLE FROM 27K TO 40K .90 CRI LEDS AVAILABLE AS OPTIONAL

## DRIVERS

CONSTANT CURRENT, CLASS 2 UNIVERSAL INPUT : 120-277VAC SOUND RATED A, 54V OUTPUT 0-10V DIMMING STANDARD . DALI, ECOSYSTEM AND DMX DRIVERS ALSO AVAILABLE

## REFLECTOR

TO BE FORMED FROM 20GA POST PAINTED ALUMINUM SHEET WITH INTEGRAL THERMAL PROPERTIES REQUIRED FOR LED/DIGITAL LIGHTING WITH 90% PLUS REFLECTIVITY

## LENS

A WHITE SATINE LENS WITH FROSTED PIGMENT THAT CREATES A UNIVERSALLY SMOOTH AND HOMOGENOUS ILLUMINATED SURFACE. LENS IS EXTRUDED WITH TONGUE AND GROOVE DETAIL TO MATE WITH INTERNAL REFLECTOR. THE LENS IS CUSTOM TAILORED TO THE UNIQUE LENGTH OF FIXTURE AND CORNER DETAIL. THE UP-LIGHT SEMI-TRANSLUCENT LENS PROVIDES DIRECTIONAL CONTROL FOR THE ILLUMINATED CEILING AND A FILTER/DUST COLLECTOR FOR UP-LIGHT DIODES

## MOUNTING

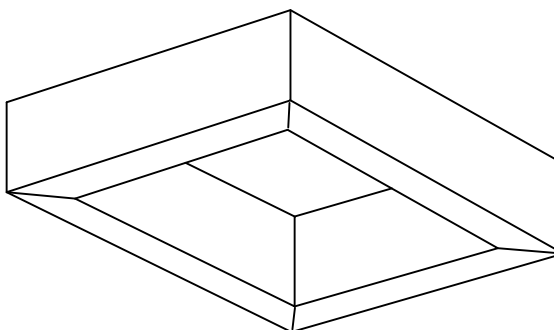
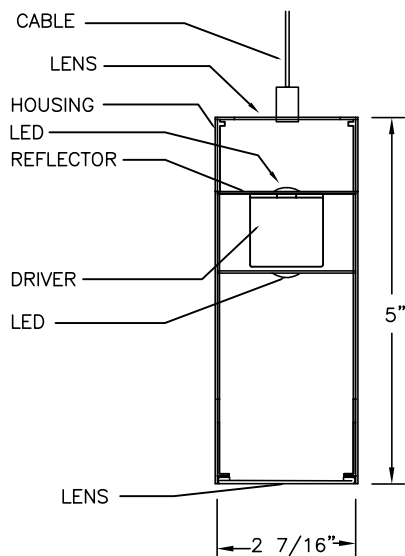
CABLE MOUNT OR PENDANT MOUNT

## PRODUCT DESCRIPTION

THE BRADEN OPENS A NEW STYLE OF LIGHTING DESIGN FOR OPEN OFFICE, COMMUNAL, WORK SPACES IN THE SHARED ECONOMY. PENDANT OR AIRCRAFT MOUNTED LIGHT AS SCULPTURE. PROVIDES OVERHEAD BRILLIANCE AND ARCHITECTURAL INTERESTS. AN UNLIMITED PALETTE OF OPTIONS WITH INTEGRAL ILLUMINATED CORNERS. METICULOUSLY CALIBRATED SO THE LED'S EVENLY ILLUMINATE THE GEOMETRIC SHAPE FROM MITERED CORNER TO MITERED CORNER . THE BRADEN APPEARS TO FLOAT AND GLOW BELOW THE CEILING LINE.

TYPE:

PROJECT:



SQUARE OR RECTANGULAR PATTERN IS AVAILABLE  
(SEE LISTING BELOW FOR SIZES AND SHAPES)  
ALL CORNERS WILL BE ILLUMINATED

**EVEN AND VISUALLY COMFORTABLE LED LIGHT DISTRIBUTION ACROSS PROFILE OF THE PRODUCT**

**50% ENERGY SAVINGS COMPARED TO LINEAR FLUORESCENT**

**SUSTAINABLE MATERIALS**

**ARRAY OF LUMEN OPTIONS ALL LM79/LM80 UL APPROVED**

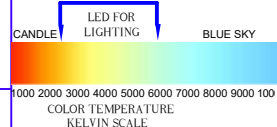
**5 YEAR WARRANTY LED AND DRIVER**

## ORDERING KEY

SERIES	Lumens/ft(Watts/ft)	SIZE	COLOR TEMP	MOUNTING	VOLTAGE	OPTIONS
BRADEN 2NS LED D (DIRECT)	LO 639(5.97)	<input type="checkbox"/> 2'X2' <input type="checkbox"/> 2'X3'	<input type="checkbox"/> 2700K	<input type="checkbox"/> AC - CABLE	<input type="checkbox"/> 120 V	<input type="checkbox"/> EM <input type="checkbox"/> DIM 0-10 <input type="checkbox"/> DALI <input type="checkbox"/> Hilume 1% -2WIRE <input type="checkbox"/> Hilume 1% -ECO-LDE1 <input type="checkbox"/> Hilume 5% LDE5
	MO 894.75(8.9)	<input type="checkbox"/> 3'X3' <input type="checkbox"/> 3'X4'	<input type="checkbox"/> 3000K	<input type="checkbox"/> P - STEM	<input type="checkbox"/> 277 V	
BRADEN 2NS LED D/ID (DIRECT/ INDIRECT)	HO 1080(10.5)	<input type="checkbox"/> 4'X4' <input type="checkbox"/> 4'X5'	<input type="checkbox"/> 3500K	<input type="checkbox"/> LENGTH	<input type="checkbox"/> UNIVERSAL	
	LO 1025(9.5)	<input type="checkbox"/> 6'X6' <input type="checkbox"/> 6'X5'	<input type="checkbox"/> 4000K	<input type="checkbox"/> 24"		
	MO 1220(11.5)	<input type="checkbox"/> 8'X8' <input type="checkbox"/> 8'X4'	<input type="checkbox"/> 5000K	<input type="checkbox"/> 48"		
	HC 1586(14.5)	<input type="checkbox"/> 8'X10' <input type="checkbox"/> OTHER		<input type="checkbox"/> OTHER_____		

LUMENS WILL VARY SLIGHTLY DEPENDING ON DIFFUSER AND LED COLOR TEMP. PLEASE CONSULT NATIONAL FOR 2700K AND 90CRI LEDS

NATIONAL 3E/LED SERIES USES ENGINE/STICK ORIGINAL EQUIPMENT (BY OSRAM, PHILIPS, SAMSUNG, ET AL) WHICH ARE RATED FOR APPROXIMATELY 100 LM/W. ARCHITECTURAL LENSES PROVIDED WITH THE LUMINAIRES BY DESIGN EVEN THE BRIGHTNESS AND VISUAL COMFORT AND MIGHT FRACTIONALLY LOWER LM/W.



522 CORTLANDT ST.  
BELLEVILLE, NJ 07109

NJ 973-751-1600  
NY 212-751-1600  
FAX 973-751-4931  
WWW.NATLTG.COM



# PHOTOMETRICS

## BRADEN 2NS D/ID-LO

	LIFE: 60,000 HRS
	WATTS:38
	LUMENS:4100
	EFFICACY:108
	CRI: 80+

## BRADEN 2NS D/ID-LO

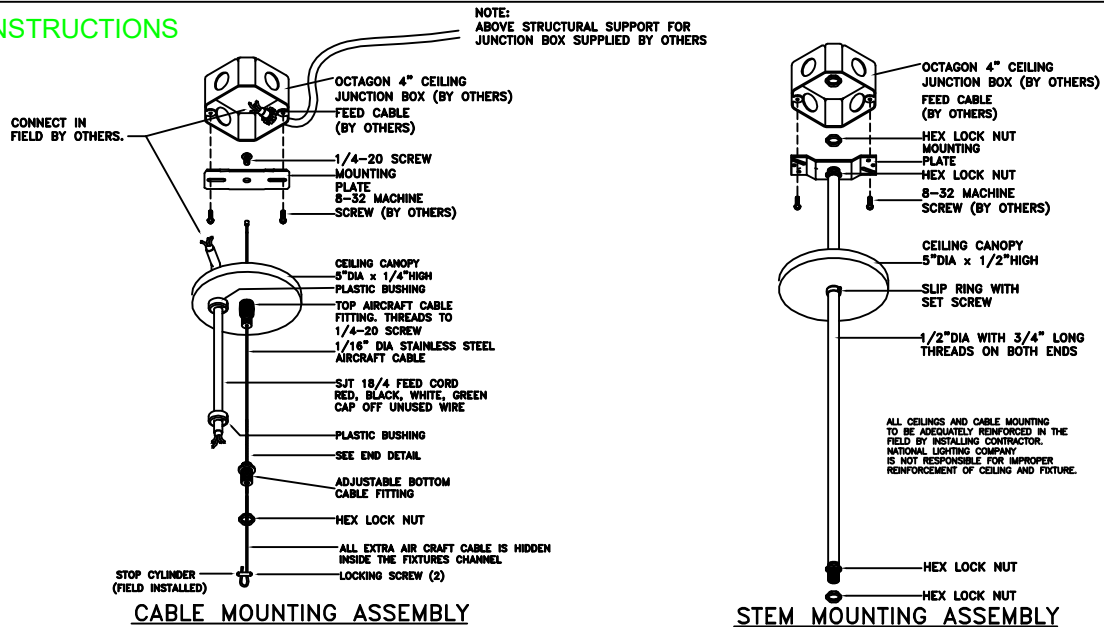
	LIFE: 60,000 HRS
	WATTS:46
	LUMENS:4881
	EFFICACY:106
	CRI: 80+

## BRADEN 2NSD/ID-LO

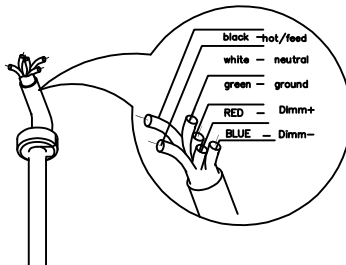
	LIFE: 60,000 HRS
	WATTS:58
	LUMENS:6346
	EFFICACY:109
	CRI: 80+

All values are based on 4' D/ID Section.

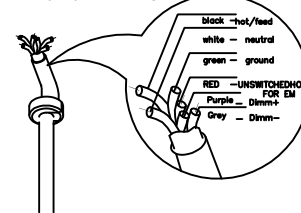
## MOUNTING INSTRUCTIONS



WIRING- SCHEMATICS FIXTURE-5WIRE FEED  
0-10V DIMMING



WIRING- SCHEMATICS FIXTURE-6WIRE FEED  
0-10V DIMMING AND EM



## LIGHTING CONTROL SOLUTIONS

- DIMMING ( 0-10V, DALI Or Lutron )**
  - 0-10V Dimming Driver used as standard.
  - Continuous Dimming up to 10%.
  - Dimming wires not provided unless specified
  - Contact National for Dali or Lutron Control system
- Occ/DAYLIGHT/Vacancy/Bi-Level**
  - Sensor-ready and compatible drivers provided.
  - Sensors can be field installed or could be installed in the fixtures
  - Bi-level dimming and Motion sensors also available
- Compatibility:**

National fixtures are compatible with Lutron, Philips Easysense, Magnum, Wattstopper, Hubbell , Leviton , Hytronik , Daintree & Enlighted Control System

## CLOSEUP DETAIL



NATIONAL LIGHTING COMPANY, INC.  
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NY 212-751-1600  
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JOB NAME:
CATALOG:
TYPE: