

# ELEMENT 2NS D/ID 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 RENDITION 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

## WOOD FASCIAS

THE PERFECT SIZED FASCIAS ARE MANUFACTURED OUT OF THE HIGHEST QUALITY SANDED/STAINED MATERIAL (CONSULT FACTORY). NATIONAL WILL WORK WITH THE ARCHITECT/LIGHTING CONSULTANT IN SOURCING THE DESIGNED MATERIAL AND FINISH AS SPECIFIED. OTHER MATERIALS, I.E METALLIC IS AVAILABLE UPON REQUEST

## REFLECTOR

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

## LENS

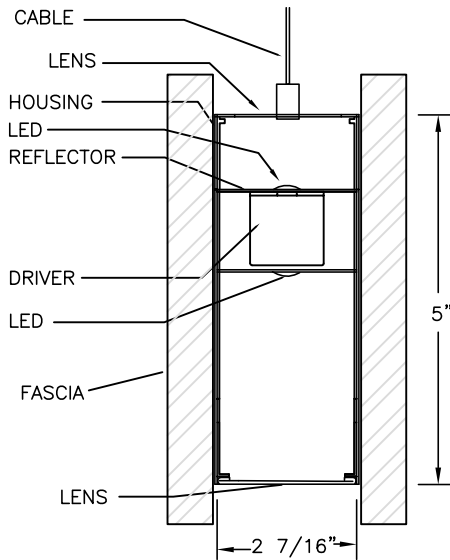
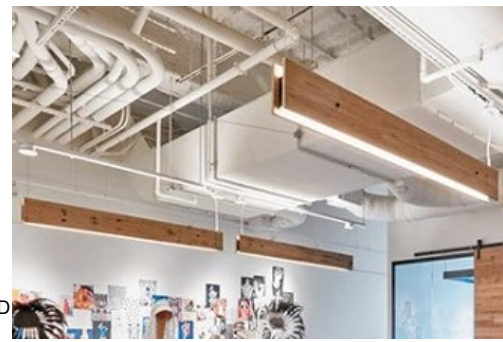
THE DIRECT LENS COMPONENT IS EXTRUDED OUT OF WHITE SATINE MATERIAL. STRAIGHT AND HOMOGENEOUS DIRECT DOWNLIGHTING IS A RESULT OF THE HIGHLY ENGINEERED AND TESTED PIGMENTED DIFFUSER. THE TOP INDIRECT TRANSLUCENT LENS SPREADS AND CONTROLS THE LIGHT ABOVE THE FIXTURE AND ACTS AS A DUST COVER

## MOUNTING

CABLE MOUNT OR PENDANT MOUNT

## PRODUCT DESCRIPTION

THE ELEMENT SERIES IS IDEAL FOR DIRECT OR DIRECT/INDIRECT APPLICATIONS IN OPEN OFFICE AREAS UTILIZING UNFINISHED AND OPEN CEILING SYSTEMS, THE ELEMENT SERIES WITH ITS WOOD FASCIAS( OR OPTICAL METALLIC) WORKS AS A PERFECT CREATIVE COMPLIMENT TO TODAY'S COMMUNAL WORKSPACES AND TECH ECOSYSTEMS. THE ELEMENT CAN BE RUN IN STRAIGHT LINES, RIGHT ANGLES, RECTANGLES AND A MYRIAD OF SHAPES. THE DIFFUSED REGRESSED LED LIGHT SOURCE WORKS SEAMLESSLY WITH THE NATURAL UNCLUTTERED WORK ENVIRONMENTS SO PREVALENT IN THE CREATIVE HUBS OF TODAY. THE ELEMENT IS THE PERFECT LITE SOURCE TO COMPLIMENT THE OTHER EQUIPMENT AND FURNISHINGS IN THE SPACE.



## WOOD FASCIA

### ORDERING KEY

SERIES	LUMENS/Ft (W/R)	SIZE	COLOR TEMP	MOUNTING	VOLTAGE	OPTIONS
ELEM 2NSD/ID (DIRECT/ INDIRECT)	<input type="checkbox"/> LO 1025(9.5)	<input type="checkbox"/> 2'	<input type="checkbox"/> 2700K*	<input type="checkbox"/> AC - CABLE	<input type="checkbox"/> 120 V	<input type="checkbox"/> EM
	<input type="checkbox"/> MO 1220(11.5)	<input type="checkbox"/> 3'	<input type="checkbox"/> 3000K	<input type="checkbox"/> P - STEM	<input type="checkbox"/> 277 V	<input type="checkbox"/> DIM 0-10
	<input type="checkbox"/> HO 1586(14.5)	<input type="checkbox"/> 4'	<input type="checkbox"/> 3500K	<input type="checkbox"/> LENGTH	<input type="checkbox"/> UNIVERSAL	<input type="checkbox"/> DALI
		<input type="checkbox"/> 6'	<input type="checkbox"/> 4000K	<input type="checkbox"/> 24"		<input type="checkbox"/> Hilume 1% -2WIRE
		<input type="checkbox"/> 8'	<input type="checkbox"/> 5000K	<input type="checkbox"/> 48"		<input type="checkbox"/> Hilume 1% -ECO-LDE1
		<input type="checkbox"/> OTHER		<input type="checkbox"/> OTHER		<input type="checkbox"/> Hilume 5% LDE5
						<input type="checkbox"/> WOOD FASCIA
						<input type="checkbox"/> ALUM FASCIA

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

NATIONAL 3ELED 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

TYPE:

PROJECT:

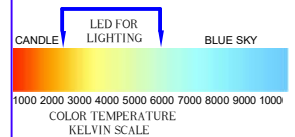
**EVEN AND VISUALLY COMFORTABLE LED LIGHT DISTRIBUTION ACROSS PROFILE OF THE PRODUCT**

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

**SUSTAINABLE MATERIALS**

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

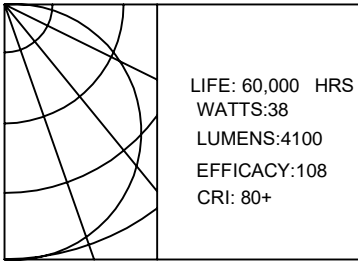
**5 YEAR WARRANTY LED AND DRIVER**



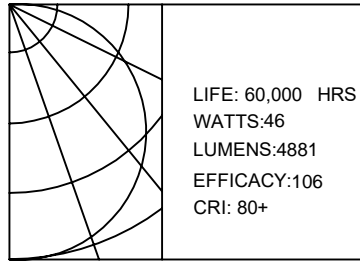
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## PHOTOMETRICS

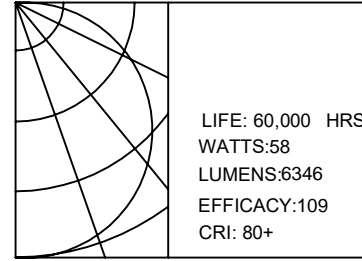
ELEMENT 2NS D/ID-LO



ELEMENT 2NS D/ID-MO

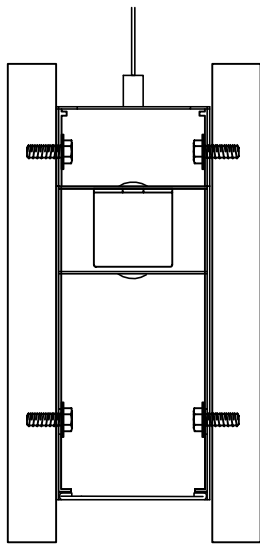


ELEMENT 2NS D/ID-HO

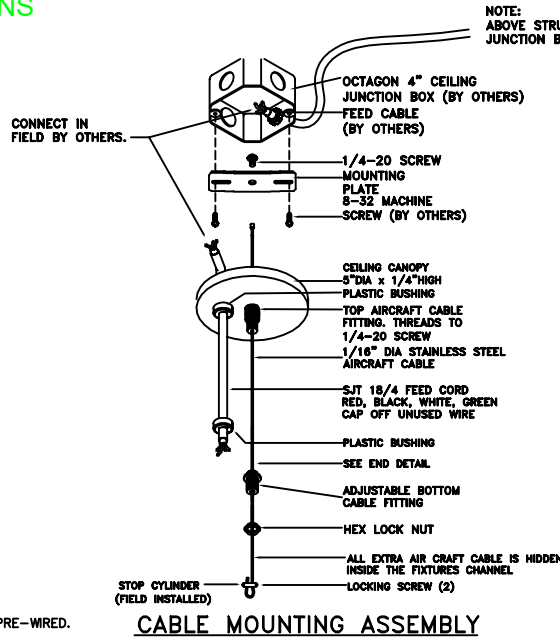


All values are based on 4' Section.

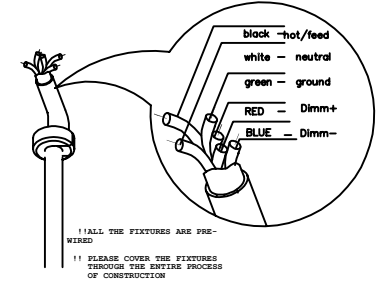
## MOUNTING INSTRUCTIONS



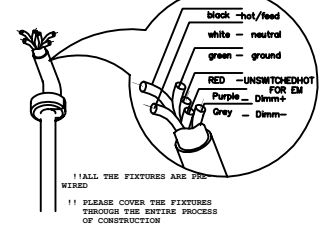
NOTE: ALL FACTORY ASSEMBLED AND PRE-WIRED.



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



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

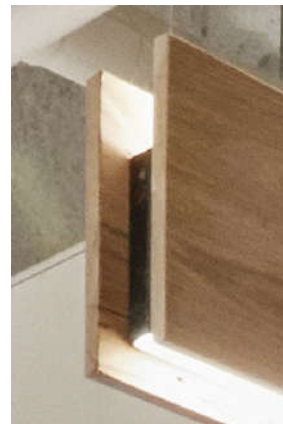


## LIGHTING CONTROL SOLUTIONS

- 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 Actilume, Magnum, Wattstopper, Hubbell , Leviton , Hytronik , Daintree & Enlighted Control System

## CLOSEUP DETAIL



NATIONAL LIGHTING COMPANY, INC.  
522 CORTLANDT ST.  
BELLEVILLE, NJ 07109

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

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