

ELEMENT 4NS 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

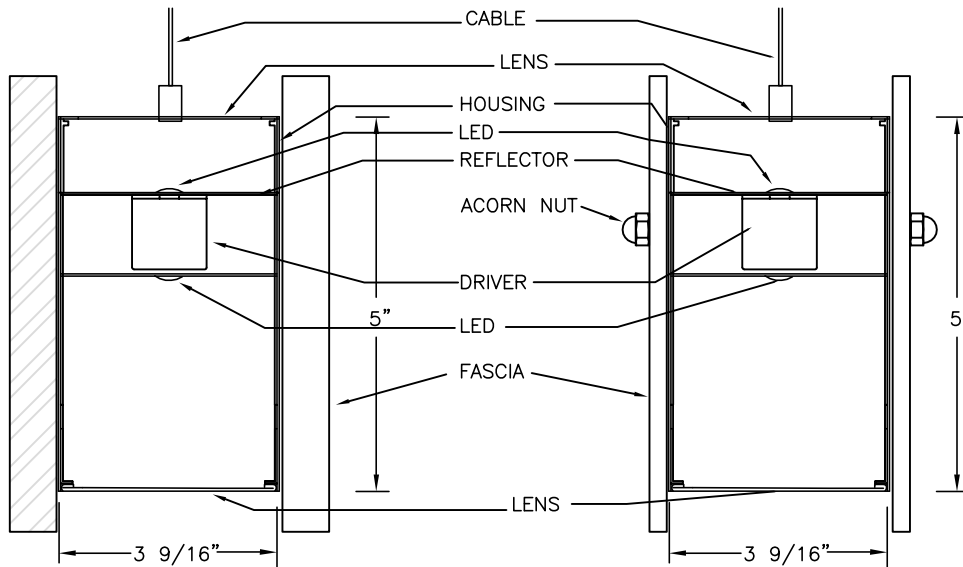
THE DIRECT LENS COMPONENT IS EXTRUDED OUT OF WHITE SATINE MATERIAL. STRAIGHT AND HOMOGENEOUS DIRECT DOWNLIGHTING IS A RESULT OF THE HIGHLY ENGINEERED AND TESTED PIGMENTED DIFFUSER. THE TOP INDIRECT TRANSLUCENT LENS SPREADS AND CONTROLS THE LIGHT ABOVE THE FIXTURE AND ACTS AS A DUST COVER

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

METAL FASCIA

ORDERING KEY

SERIES	LUMENS/Ft (W/R)	SIZE	COLOR TEMP	MOUNTING	VOLTAGE	OPTIONS
ELEM 4NSD/ID (DIRECT/ INDIRECT)	<input type="checkbox"/> LO 597(7) <input type="checkbox"/> MO 947.75(10.65) <input type="checkbox"/> HO 1220(14.5)	<input type="checkbox"/> 2' <input type="checkbox"/> 3' <input type="checkbox"/> 4' <input type="checkbox"/> 6' <input type="checkbox"/> 8' <input type="checkbox"/> OTHER	<input type="checkbox"/> 2700K* <input type="checkbox"/> 3000K <input type="checkbox"/> 3500K <input type="checkbox"/> 4000K <input type="checkbox"/> 5000K	<input type="checkbox"/> AC - CABLE <input type="checkbox"/> P - STEM <input type="checkbox"/> LENGTH <input type="checkbox"/> 24" <input type="checkbox"/> 48" <input type="checkbox"/> OTHER____	<input type="checkbox"/> 120 V <input type="checkbox"/> 277 V <input type="checkbox"/> UNIVERSAL	<input type="checkbox"/> JEM <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 <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 3E/LED SERIES USES ENGINE/STICK ORIGINAL EQUIPMENT (BY OSRAM, PHILIPS, SAMSUNG, ET AL) WHICH ARE RATED FOR APPROXIMATELY 100 LM/WT. ARCHITECTURAL LENSES PROVIDED WITH THE LUMINAIRES BY DESIGN EVEN THE BRIGHTNESS AND VISUAL COMFORT AND MIGHT FRACTIONALLY LOWER LMWT.

TYPE:

PROJECT:

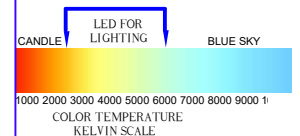
EVEN AND VISUALLY COMFORTABLE LED LIGHT DISTRIBUTION ACROSS PROFILE OF THE PRODUCT

50% ENERGY SAVINGS COMPARED TO LINEAR FLUORESCENT

SUSTAINABLE MATERIALS

ARRAY OF LUMEN OPTIONS ALL LM79/LM80 UL APPROVED

5 YEAR WARRANTY LED AND DRIVER



522 CORTLANDT ST.
BELLEVILLE, NJ 07109

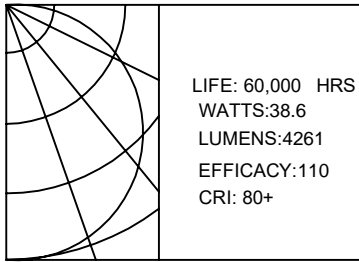
NJ 973-751-1600
NY 212-751-1600
FAX 973-751-4931
WWW.NATLTG.COM



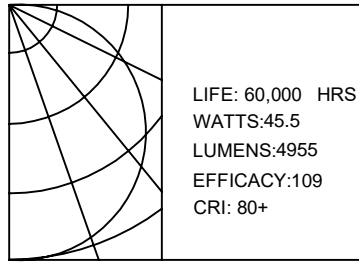
ELEMENT 4NS D/ID LED

PHOTOMETRICS

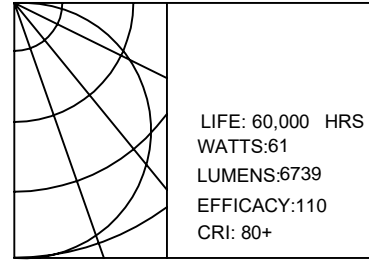
ELEMENT 4NS D/ID-LO



ELEMENT 4NS D/ID-MO

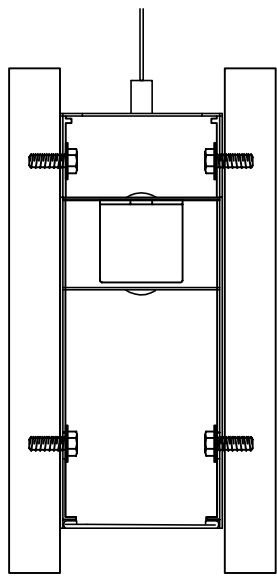


ELEMENT 4NSD/ID-HO

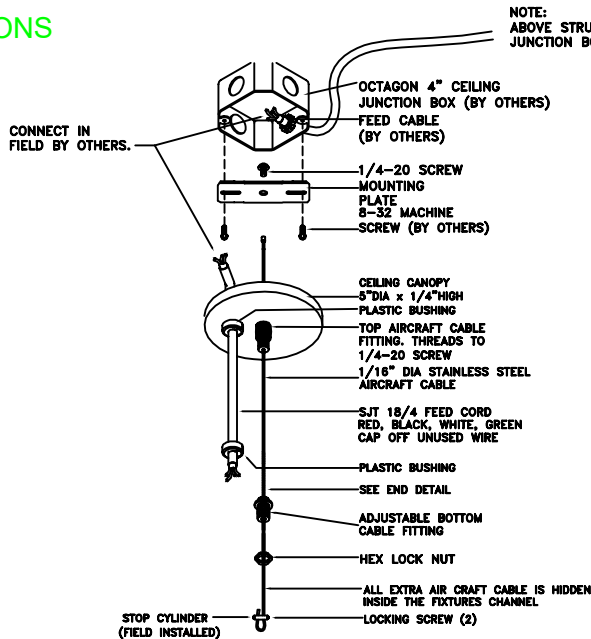


!!PHOTOMETRIC REPORTS BASED ON 4' SECTION

MOUNTING INSTRUCTIONS

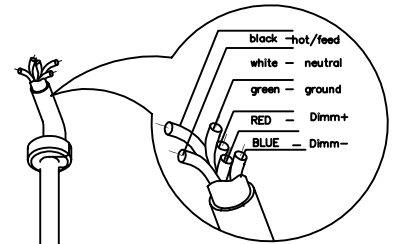


NOTE: ALL FACTORY ASSEMBLED AND PRE-WIRED

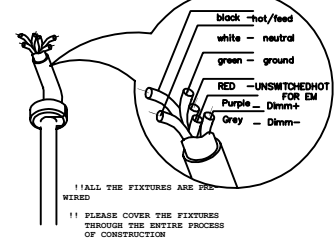


CABLE MOUNTING ASSEMBLY

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



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



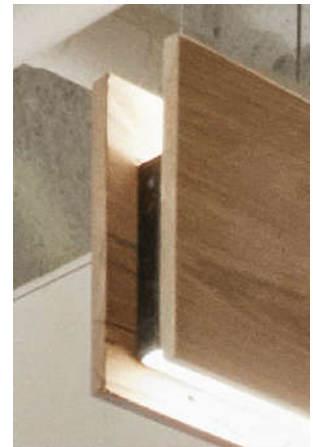
LIGHTING CONTROL SOLUTIONS

1. 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

2. 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

3. 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

JOB NAME:

CATALOG:

TYPE: