

NICHE 6NS LED

HOUSING

TO BE FORMED FROM 20GA CRS OR 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

REFLECTOR

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

LENS

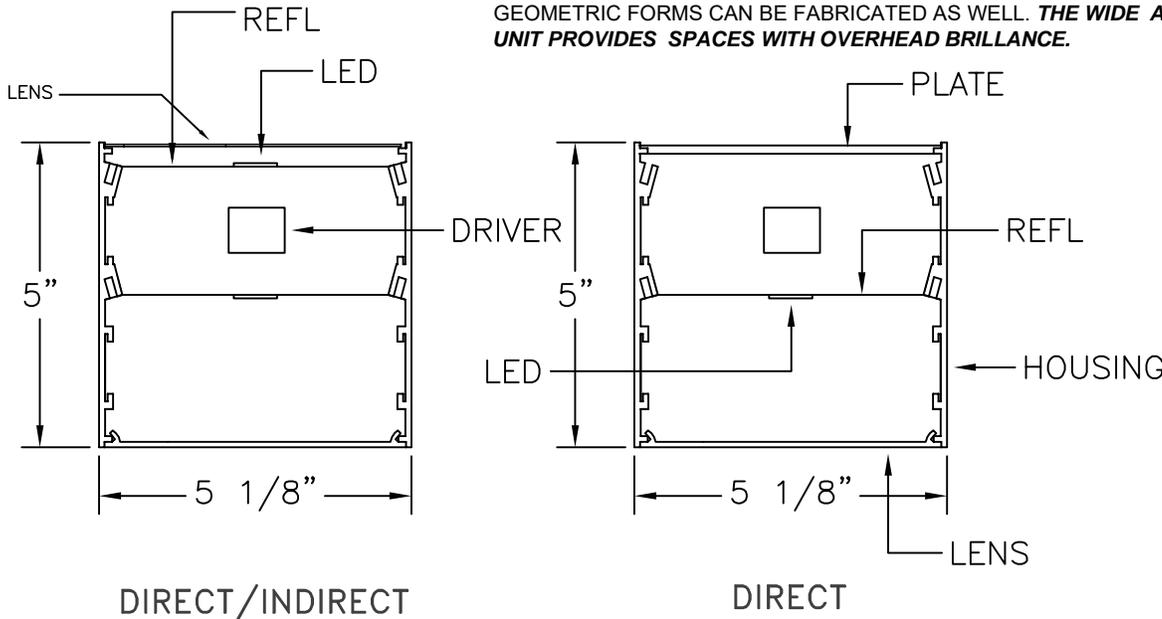
THE DIRECT LENS COMPONENT IS EXTRUDED OUT OF WHITE SATINE MATERIAL. STRAIGHT AND HOMOGENEOUS DIRECT DOWNLIGHTING IS A RESULT OF THE HIGHLY ENGINEERED AND TESTED PIGMENTED DIFFUSER. THE TOP INDIRECT TRANSLUCENT LENS SPREADS AND CONTROLS THE LIGHT ABOVE THE FIXTURE AND ACTS AS A DUST COVER

MOUNTING

CABLE MOUNT OR WALL MOUNT

PRODUCT DESCRIPTION

THE 6NS SERIES PROVIDES HIGHER LUMEN PACKAGES WHERE NECESSARY. THE HIGH PERFORMANCE 6NS SERIES CAN BE HARD SURFACE MOUNTED OR HUNG FROM AIRCRAFT CABLE. THE UNITS HAVE BROADER, WIDER AND AESTHETICALLY PLEASING DAYLIGHT APERTURES. THE LIGHT IS EVENLY SPREAD ACROSS THE WHITE SATINE EXTRUDED LENS. **THE 6NS UNIT IS VISUALLY COMFORTABLE WHEN VIEWED FROM ANY ANGLE. THE 6NS IS IDEAL FOR LARGER SPACES WITH HIGHER CEILINGS LIKE AIRPORTS, SCHOOLS, AUDITORIUMS, BIG BOX STORES AND ANY EXTRA ORDINARY COMMUNAL SPACES.** THE 6NS UNIT APPEARS TO FLOAT SEAMLESSLY IN HIGH CEILINGED SPACES. FULLY ILLUMINATED CORNERS ARE AVAILABLE ON REQUEST AS WELL AS FACTORY SUPPLIED SENSORS AND DIMMERS. GEOMETRIC FORMS CAN BE FABRICATED AS WELL. **THE WIDE APERTURED UNIT PROVIDES SPACES WITH OVERHEAD BRILLANCE.**



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 LM80 TESTED U.L./ETL APPROVED

5 YEAR WARRANTY LED AND DRIVER

ORDERING KEY

SERIES	LUMENS/FT (W/FT)		LENGTH	COLOR TEMP	MOUNTING	VOLTAGE	OPTIONS
	D	D/ID					
<input type="checkbox"/> 6NS D(DIRECT)			<input type="checkbox"/> 4' <input type="checkbox"/> 8' <input type="checkbox"/> ROWS	<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"/> AC CABLE <input type="checkbox"/> STEM	<input type="checkbox"/> 120 V <input type="checkbox"/> 277 V <input type="checkbox"/> UNIVERSAL	<input type="checkbox"/> EM (BATTERY) <input type="checkbox"/> DIM 0-10 <input type="checkbox"/> DALI <input type="checkbox"/> LUTRON, 1% 2W <input type="checkbox"/> LUTRON, ECO
<input type="checkbox"/> 6NS D/ID	LO	1155(11.25)					
(DIRECT/INDIRECT)	MO	1343.7(13.25)					
	HO	1854.2(17.25)					

LUMENS WILL VARY DEPENDING ON DIFFUSER AND LED COLOR TEMP.

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.



CANDLE LED FOR LIGHTING BLUE SKY

1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
COLOR TEMPERATURE KELVIN SCALE

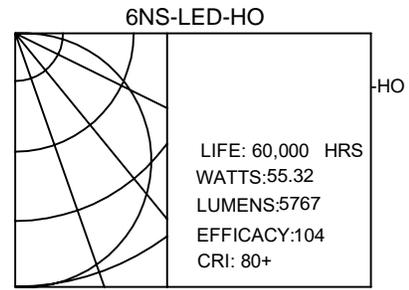
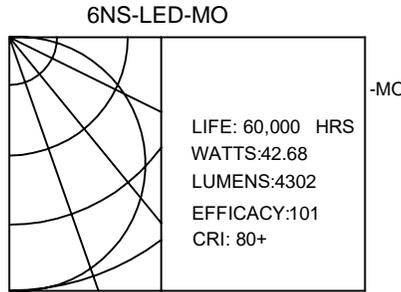
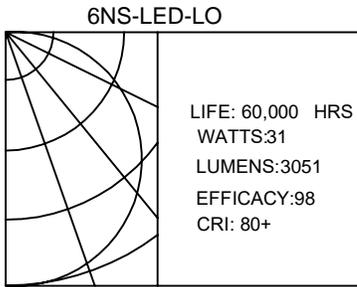


NATIONAL LIGHTING COMPANY, INC.
522 CORTLANDT ST.
BELLEVILLE, NJ 07109

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

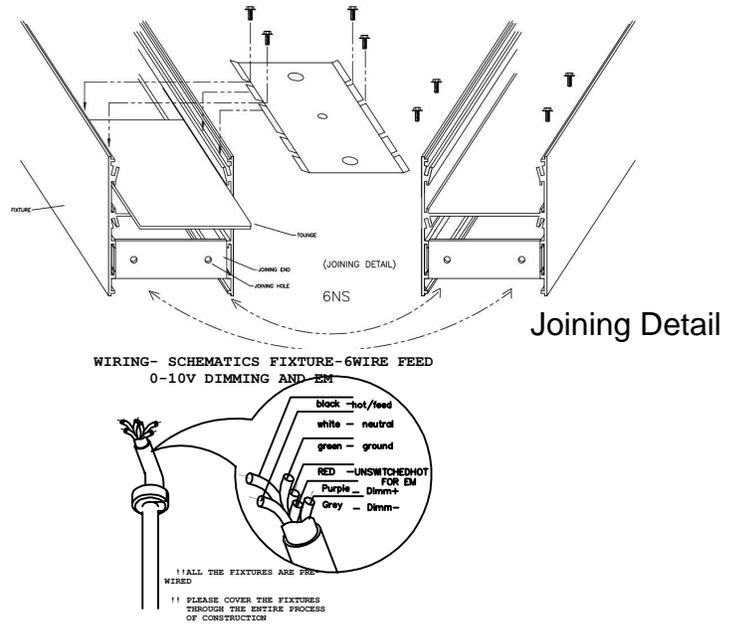
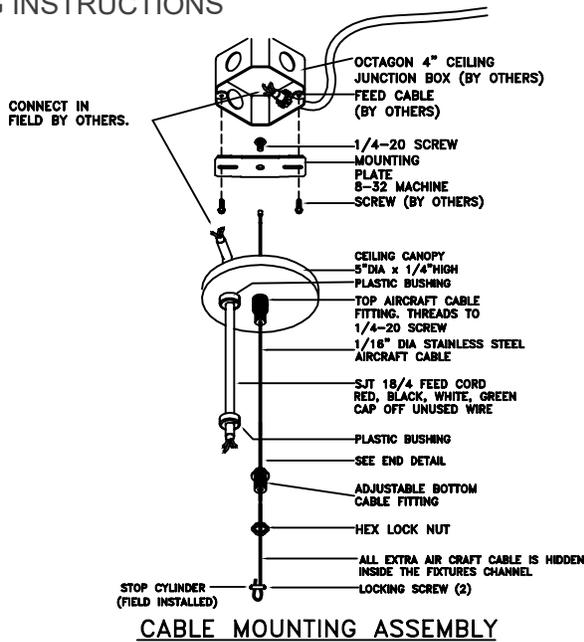


PHOTOMETRICS



!!ABOVE DATA BASED ON 4' DIRECT VERSION. IES FILES PROVIDED FOR BOTH VERSIONS.

MOUNTING INSTRUCTIONS



NOTE: ALL FACTORY ASSEMBLED AND PRE-WIRED.

LIGHTING CONTROL SOLUTIONS

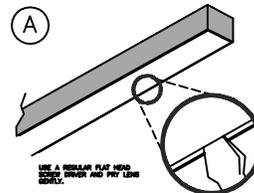
- DIMMING (0-10V, DALI Or Lutron)**
 - 0-10V Dimming Driver used as standard.
 - Continuous Dimming up to 10%.
 - Dimming wires not provided unless specified
 - Contact National for Dali or Lutron Control system
- Occ/DAYLIGHT/Vacancy/Bi-Level**
 - Sensor-ready and compatible drivers provided.
 - Sensors 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

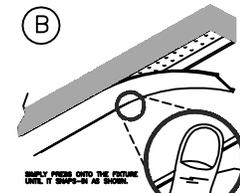
APPLICATION DETAIL

LENS DETAIL

HOW TO REMOVE LENS



HOW TO INSTALL LENS



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JOB NAME:
CATALOG:
TYPE: