

EMBEDDED LED

HOUSING

TO BE FORMED FROM 20GA CRS
FINISH: ECO WHITE (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

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.

REFLECTOR

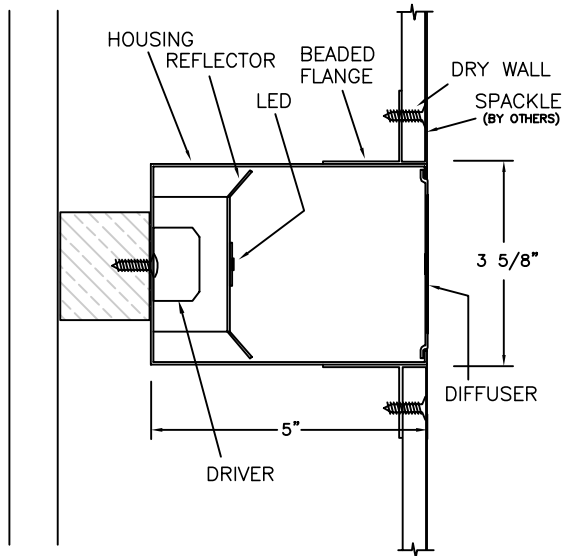
TO BE FORMED FROM 20GA POST PAINTED ALUMINUM
SHEET WITH INTEGRAL THERMAL PROPERTIES REQUIRED
FOR LED/DIGITAL LIGHTING WITH 90% PLUS REFLECTIVITY

MOUNTING

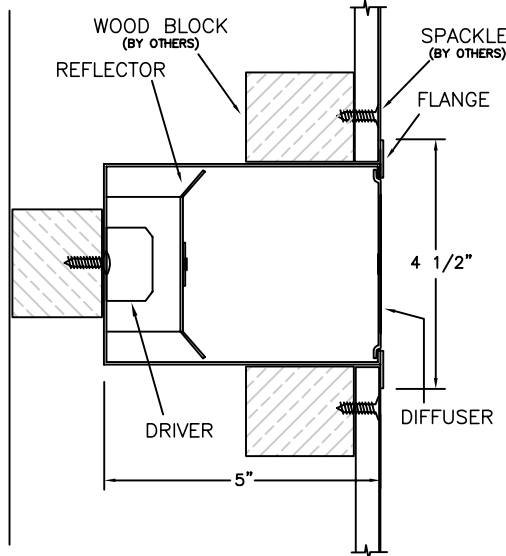
CEILING TO WALL MOUNT WITH CORNERS

PRODUCT DESCRIPTION

THE EMBEDDED IS A LED LIGHTING SYSTEM THAT BLENDS
SEAMLESSLY INTO DRYWALL AND PLASTER WALLS AND
CEILING. THIS CLEAN, CRISP, BRIGHT LIGHT BECOMES ONE WITH
THE ENVIRONMENT IN VERTICAL, HORIZONTAL, DIAGONAL AND
OTHER GEOMETRIC SHAPES AND FORMS. THE EMBEDDED LED
SYSTEMS ARTISTICALLY ILLUMINATE WALLS, CEILING IN A VISUALLY
SPECTACULAR FASHION. LOBBIES, HALLWAYS AND PUBLIC SPACES
WILL NEVER BE THE SAME. COMPLEX CORNERS SHARE THE SPACE
WORKING INTEGRALLY WITH THE SPACKLE FLANGELESS SYSTEM.



FLANGELESS



FLANGE

NOTE: FOR CUSTOM CORNER,
PLEASE CONSULT FACTORY.

ORDERING KEY

SERIES	Lumens/ft (W/ft)	WALL	REC	COLOR TEMP	MOUNTING	VOLTAGE	OPTIONS
EMBED	<input type="checkbox"/> LO 610(7)	<input type="checkbox"/> 2'	<input type="checkbox"/> 2'	<input type="checkbox"/> 2700K	<input type="checkbox"/> FLANGE	<input type="checkbox"/> 120 V	<input type="checkbox"/> EM (BATTERY)
	<input type="checkbox"/> MO 775(9.2)	<input type="checkbox"/> 3'	<input type="checkbox"/> 3'	<input type="checkbox"/> 3000K	<input type="checkbox"/> FLANGELESS	<input type="checkbox"/> 277 V	<input type="checkbox"/> DIM 0-10
	<input type="checkbox"/> HO 1050(12)	<input type="checkbox"/> 4'	<input type="checkbox"/> 4'	<input type="checkbox"/> 3500K		<input type="checkbox"/> UNIVERSAL	<input type="checkbox"/> DALI
	Please contact National for other options.	<input type="checkbox"/> 5'	<input type="checkbox"/> 5'	<input type="checkbox"/> 4000K			<input type="checkbox"/> LUTRON, 2 WIRE,
		<input type="checkbox"/> 6'	<input type="checkbox"/> 6'	<input type="checkbox"/> 5000K			<input type="checkbox"/> 3 WIRE
		<input type="checkbox"/> 7'	<input type="checkbox"/> 7'				
		<input type="checkbox"/> 8'	<input type="checkbox"/> 8'				

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.

TYPE: _____

PROJECT: _____

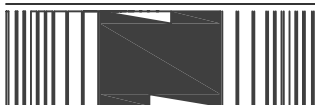
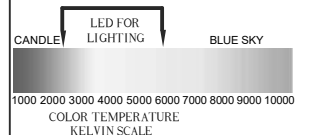
EVEN AND VISUALLY
COMFORTABLE LED
LIGHT DISTRIBUTION
ACROSS PROFILE OF
THE PRODUCT

50% ENERGY
SAVINGS COMPARED
TO LINEAR
FLUORESCENT

SUSTAINABLE
MATERIALS

ARRAY OF LUMEN
OPTIONS ALL
LM79/LM80 UL
APPROVED

5 YEAR WARRANTY
LED AND DRIVER



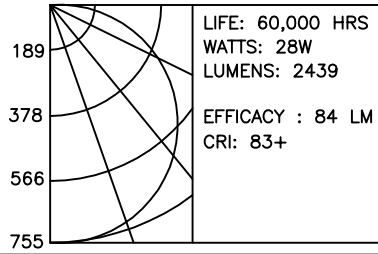
522 CORTLANDT ST.
BELLEVILLE, NJ 07109

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

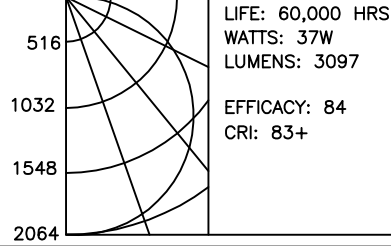


EMBEDDED LED PHOTOMETRIC DATA

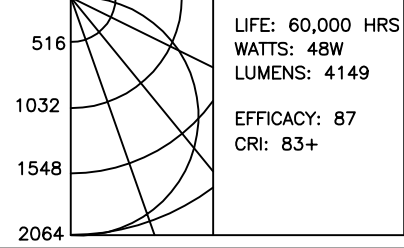
EMBEDDED-LED-LO-4'



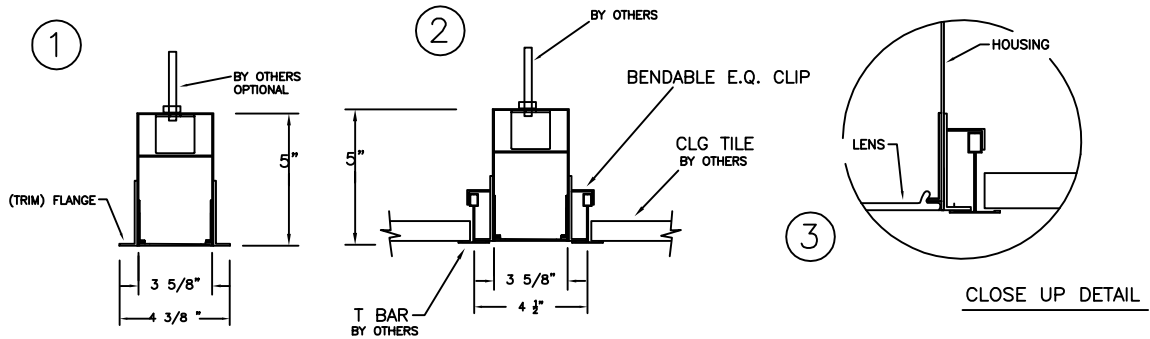
EMBEDDED-LED-MO-4'



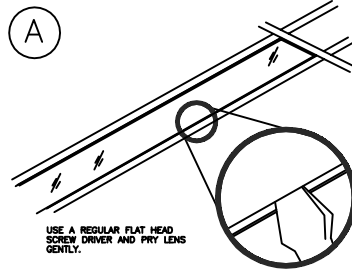
EMBEDDED-LED-HO-4'



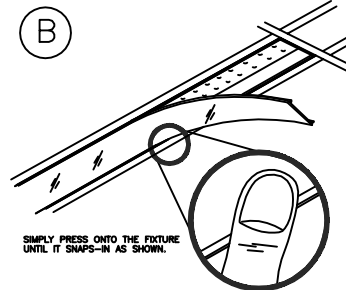
MOUNTING INSTRUCTIONS



HOW TO REMOVE LENS



HOW TO INSTALL LENS



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

APPLICATION PIC



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: