

SUFFUSEII LED

HOUSING

THE 3 1/2" INCH NOMINAL DEEP HSG TO BE FORMED FROM 20GA CRS. FINISHED BAKED WHITE ENAMEL (STANDARD) ALL FIXTURES ARE PRE-WIRED. 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 CRS
FINISH: BAKED WHITE ENAMEL WITH
90% REFLECTIVITY

MOUNTING

RECESSED MOUNTED
SEE OPTIONS IN THE ORDERING KEY

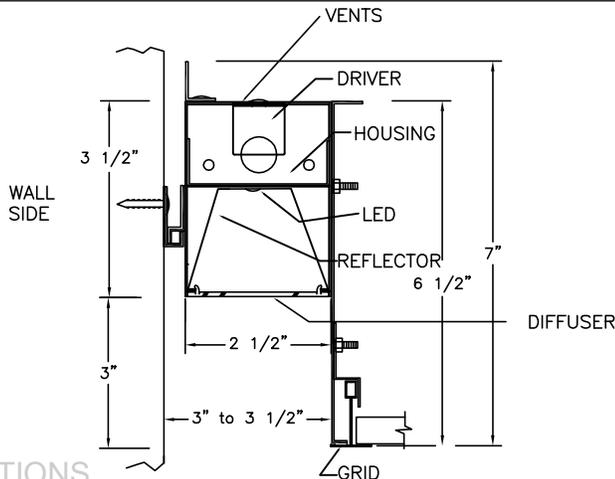
PRODUCT DESCRIPTION

THE SUFFUSEII LED INTEGRATES HIGH EFFICIENCY CONSTANT CURRENT LED TECHNOLOGY WITH A UNIQUE APPROACH TO LINEAR WALL WASHING AND GRAZING. THE ADVANCED DESIGN OF THE OPTICAL SYSTEM LED EMITS UNIFORM LIGHTING AND ILLUMINATES SHADOWS AND DARK CORNERS, DELIVERING CONTINUOUS UNINTERRUPTED LIGHT. 90° CORNERS, ARE AVAILABLE TO COMPLETE ANY CONFIGURATION OF FIXTURES.

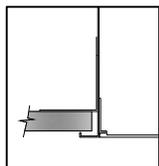


TYPE: _____

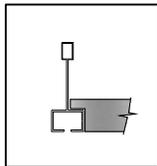
PROJECT: _____



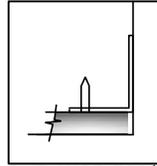
CEILING OPTIONS



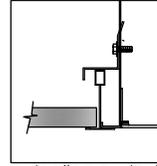
FLANGE (F)



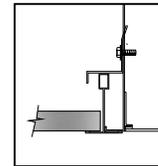
SLOT GRID (SG)



FLANGELESS (FO)



9/16" GRID (T1)



GRID (T)

ORDERING KEY

SERIES	LUMENS/ft (W/ft)	LENGTH	COLOR TEMP	MOUNTING	VOLTAGE	OPTIONS
SUFFUSEII LED	<input type="checkbox"/> LO 611(6.5)	<input type="checkbox"/> 2'	<input type="checkbox"/> 2700K	<input type="checkbox"/> T1 9/16	<input type="checkbox"/> 120 V	<input type="checkbox"/> EM
	<input type="checkbox"/> MQ 849.5(9.15)	<input type="checkbox"/> 3'	<input type="checkbox"/> 3000K	<input type="checkbox"/> T	<input type="checkbox"/> 277 V	<input type="checkbox"/> DIM 0-10
	<input type="checkbox"/> HO 1002(11)	<input type="checkbox"/> 4'	<input type="checkbox"/> 3500K	<input type="checkbox"/> F	<input type="checkbox"/> UNV	<input type="checkbox"/> DALI
		<input type="checkbox"/> 6'	<input type="checkbox"/> 4000K	<input type="checkbox"/> SG		<input type="checkbox"/> Hilume 1%2 Wire-LTEA2W
		<input type="checkbox"/> 8'	<input type="checkbox"/> 5000K	<input type="checkbox"/> FO		<input type="checkbox"/> Hilume 1% Eco-LDE1
		<input type="checkbox"/> ROWS				<input type="checkbox"/> Hilume 5% LDE5

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.

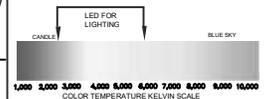
EVEN AND VISUALLY
COMFORTABLE LED
LIGHT DISTRIBUTION
ACROSS PROFILE OF
THE PRODUCT

50% ENERGY
SAVINGS COMPARED
TO LINEAR
FLUORESCENT

SUSTAINABLE
MATERIALS

ARRAY OF LUMEN
OPTIONS ALL
LM79/LM80 UL
APPROVED

5 YEAR WARRANTY
LED AND DRIVER



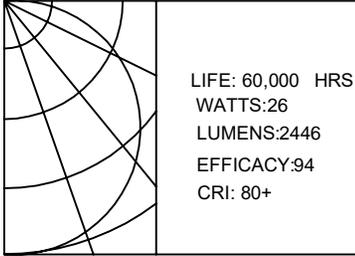
NJ 973-751-1600
NY 212-751-1600
FAX 973-751-4931
WWW.NATLTG.COM

Modules and drivers are UL recognized
components and RoHS compliant.
LED modules also comply with IENSA
LM-79 and LM-80 standards.

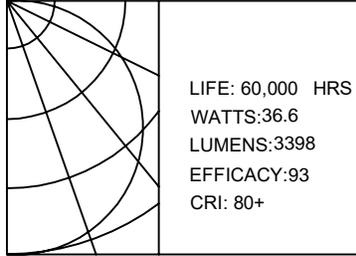


PHOTOMETRIC REPORT

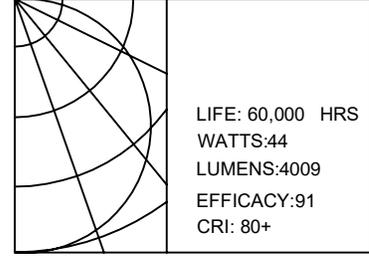
SUFFUSEII-LED-LO



SUFFUSEII-LED-MO



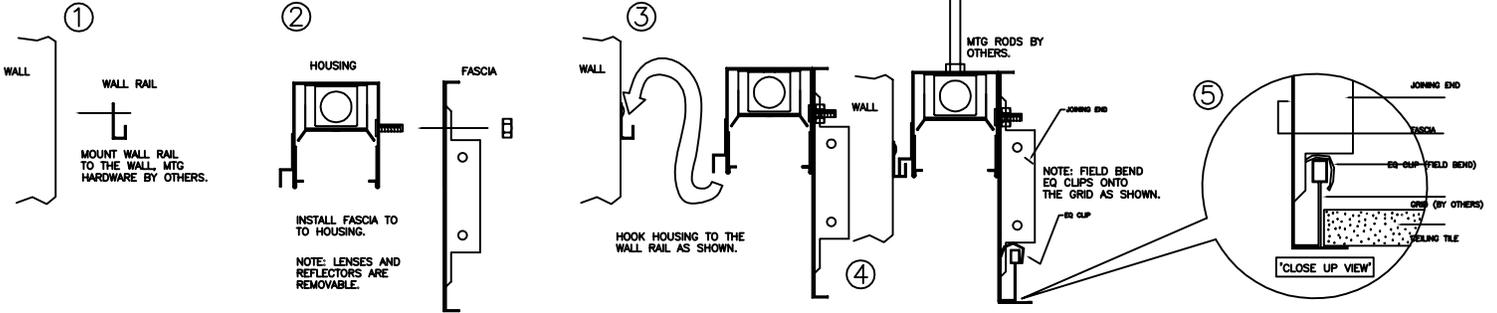
SUFFUSEII-LED-HO



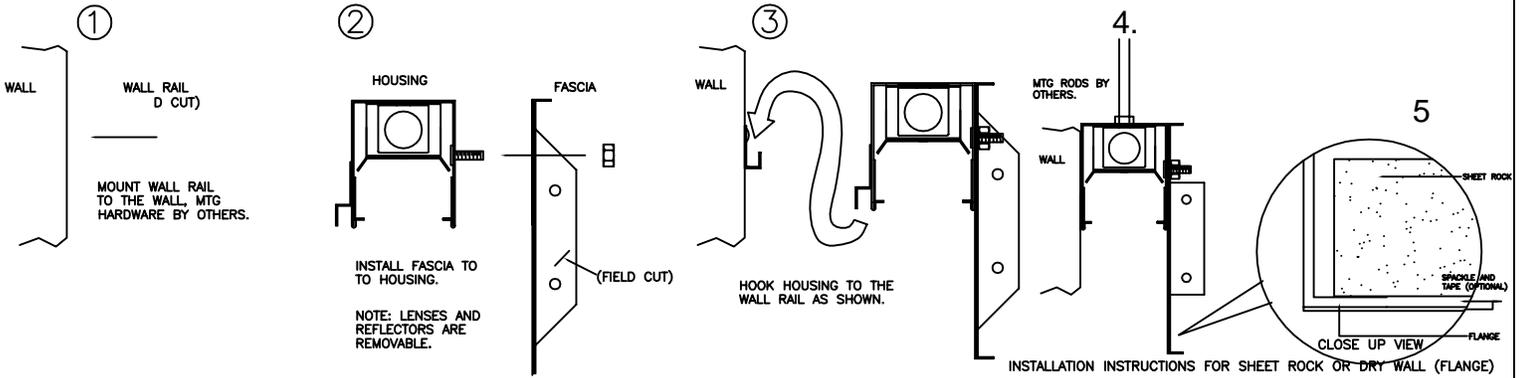
All values are based on 4' Section. Contact National for Asymmetric Options.

INSTALLATION INSTRUCTIONS

GRID INSTRUCTIONS



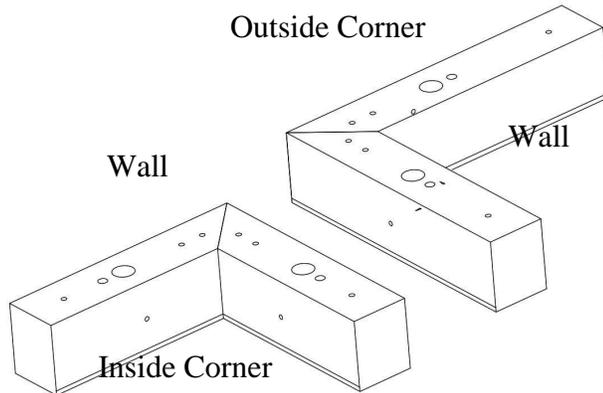
FLANGED/ GYPBOARD CEILING



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

ILLUMINATED INSIDE AND OUTSIDE CORNER OPTIONS



JOB NAME	
CATALOG:	
TYPE:	