

# RDIA 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 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

FLANGE ,  $\frac{1}{16}$  GRID(T)  
 $\frac{3}{16}$  GRID(T1)



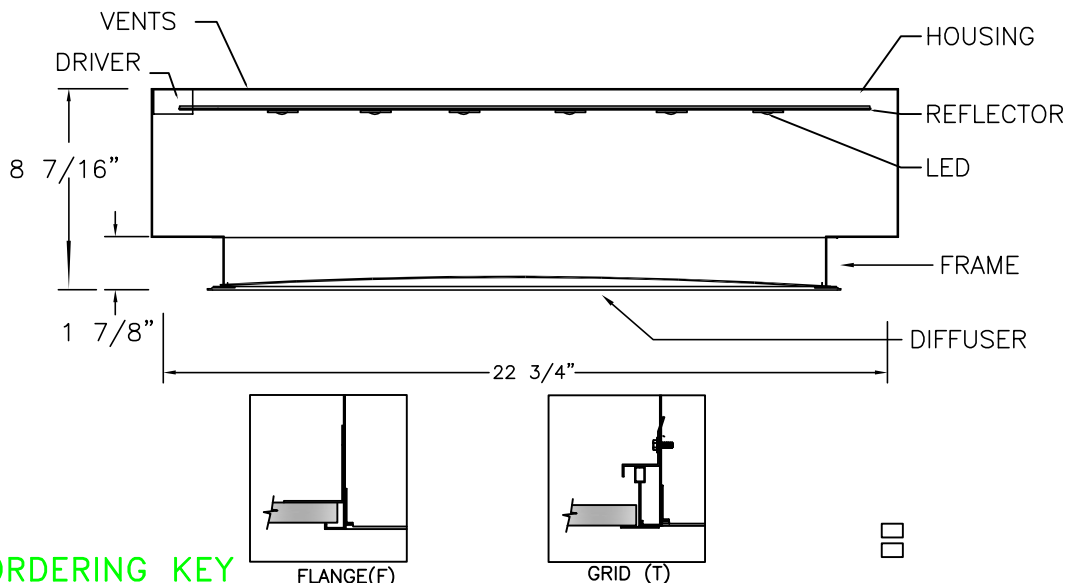
## LENS

FROSTED ACRYLIC LENS WITH MICRO LINEAR PRISMS. THE  
 TYPE LENS IS COMBINATION OF CLEAR AND WHITE  
 OPTICAL RESIN, LAY-IN TYPE IN CONCAVE, CONVEX OR FLAT .

**THE CLASSICALLY SHAPED FIXTURE TRANSMITS A SEAMLESS DOME OF LIGHT. LED PODS ARE PLACED STRATEGICALLY ON THE CONTOURED REFLECTOR TO INSURE A COMPLETELY LUMINOUS SURFACE. DOUBLE FRAME DOOR ENHANCES THE CLEAN APPEARANCE OF THE ROUND RECESSED LUMINAIRE. CONCAVE OR CONVEX LENSES ARE AVAILABLE.**

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

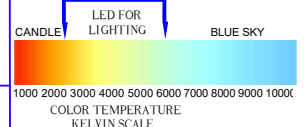
5 YEAR WARRANTY  
 LED AND DRIVER

## ORDERING KEY

SERIES	(2') LUMENS / (W)	(4') LUMENS / (W)	COLOR TEMP	CEILING TYPE	VOLTAGE	OPTIONS
<input type="checkbox"/> RDIA LED 2' ROUND	<input type="checkbox"/> LO 3439 (33W)	<input type="checkbox"/> LO 6729 (72W)	<input type="checkbox"/> 2700K	<input type="checkbox"/> GRID	<input type="checkbox"/> 120 V	<input type="checkbox"/> EM
<input type="checkbox"/> RDIA LED 4' ROUND	<input type="checkbox"/> FO 4871 (51W)	<input type="checkbox"/> FO 9421 (103W)	<input type="checkbox"/> 3000K	<input type="checkbox"/> FLANGE	<input type="checkbox"/> 277 V	<input type="checkbox"/> DIM 0-10
			<input type="checkbox"/> 3500K		<input type="checkbox"/> UNIVERSAL	<input type="checkbox"/> DALI
			<input type="checkbox"/> 4000K			<input type="checkbox"/> HiLume 1 1/2 Wire-LTE
			<input type="checkbox"/> 5000K			<input type="checkbox"/> HiLume 1% Eco-LDE1
						<input type="checkbox"/> CONCAVE
						<input type="checkbox"/> CONVEX

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.

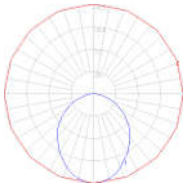


522 CORTLANDT ST.

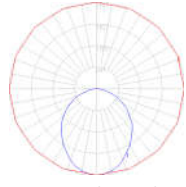
NJ 973-751-1600  
 NY 212-751-1600  
 FAX 973-751-4931



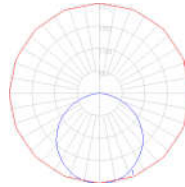
## PHOTOMETRIC DATA



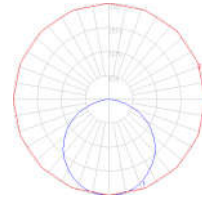
LIFE -60000HRS  
LUMENS -3479  
WATTS: 40  
EFFICACY: 105  
CRI: >80



LIFE -60000HRS  
LUMENS -4871  
WATTS: 51  
EFFICACY: 96  
CRI: >80



LIFE -60000HRS  
LUMENS -6729  
WATTS: 72  
EFFICACY: 93  
CRI: >80



LIFE -60000HRS  
LUMENS -9555  
WATTS: 103  
EFFICACY: 91  
CRI: >80

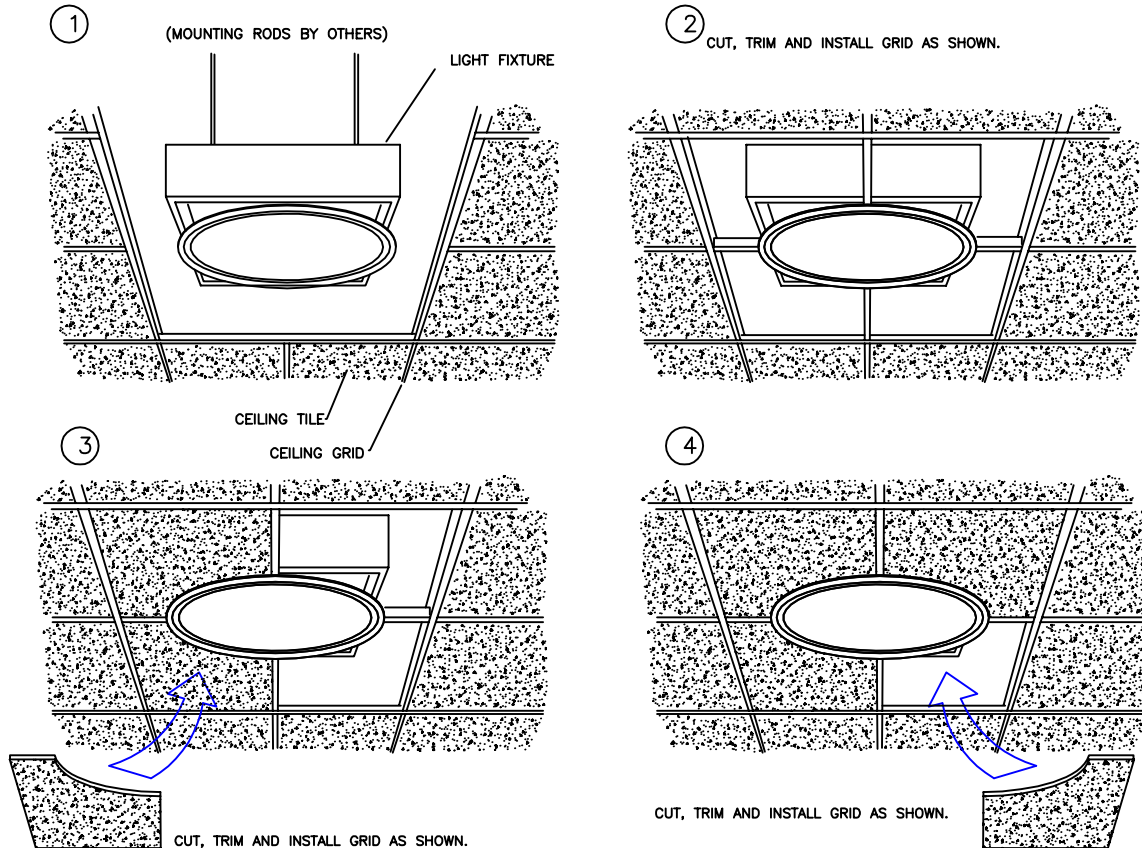
RDIA LED 2' ROUND-LO

RDIA LED 2' ROUND-HO

RDIA LED 4' ROUND-LO

RDIA LED 4' ROUND-HO

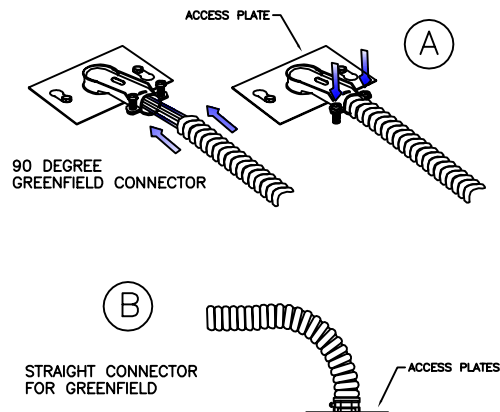
## MOUNTING/INSTALLATION INSTRUCTIONS



## 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

## GREENFIELD OPTIONS



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:	