

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)



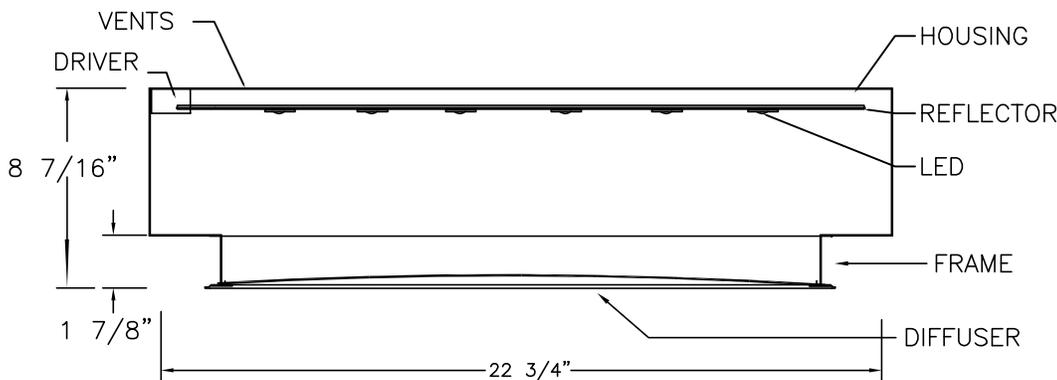
LENS

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"/> 3439 (33W)	<input type="checkbox"/> 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"/> 4871 (51W)	<input type="checkbox"/> 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.



CANDLE LED FOR LIGHTING BLUE SKY

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

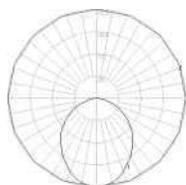


522 CORTLANDT ST.

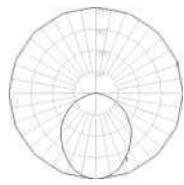
NJ 973-751-1600
 NY 212-751-1600
 FAX 973-751-4931



PHOTOMETRIC DATA

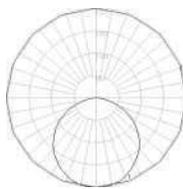


LIFE -60000HRS
LUMENS -3479
WATTS: 40
EFFICACY: 105
CRI: >80



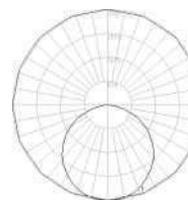
RDIA LED 2' ROUND-HO

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



RDIA LED 4' ROUND-LO

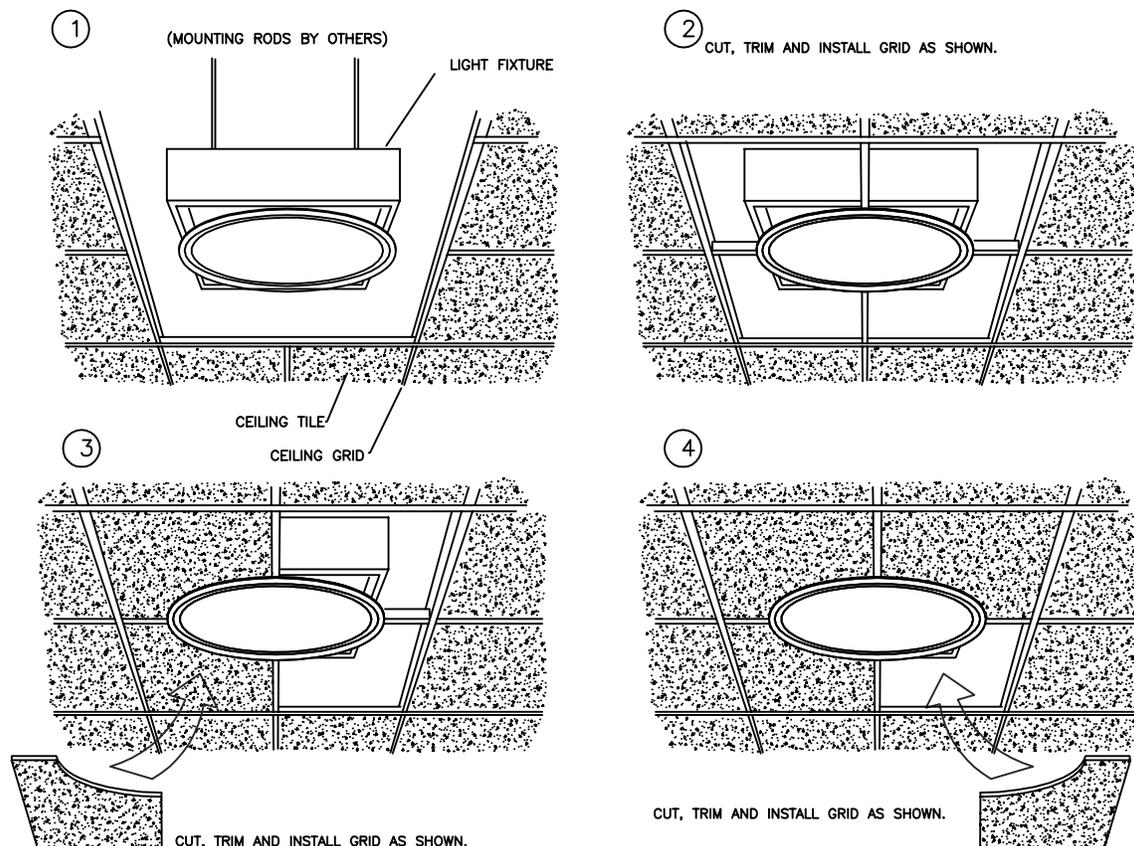
LIFE -60000HRS
LUMENS -6729
WATTS: 72
EFFICACY: 93
CRI: >80



RDIA LED 4' ROUND-HO

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

MOUNTING/INSTALLATION INSTRUCTIONS



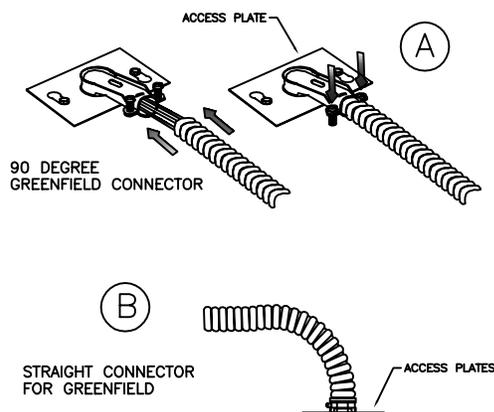
LIGHTING CONTROL SOLUTIONS

- 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: