DTF LED

HOUSING
FORMED FROM FIBERGLASS W/ STEEL INTERNAL
FIBER GLASS UNIT IS IP APPROVED AND SEALED
COMES WITH 6-LATCHES IP65 RATED

LENS
INLINE THERMAL-FORMED LENS TAPERED HIGH
DIFFUSION ACRYLIC PRISMATIC ES WITH 6-LATCHES
IP65 RATED

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

MOUNTING
SURFACE,PENDANT, CABLE AND
WALL MOUNT

DRIVERS
CONSTANT CURRENT, CLASS 2
UNIVERSAL INPUT : 120-277VAC
SOUND RATED A, 54V OUTPUT 0-10V
DIMMING STANDARD .
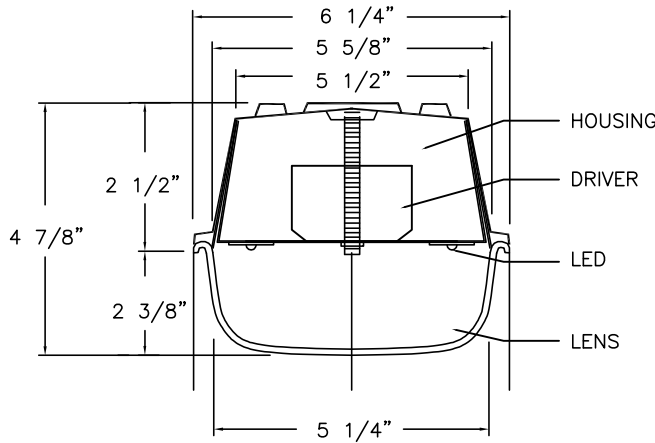DALI, ECOSYSTEM AND DMX DRIVERS
ALSO AVAILABLE

PRODUCT DESCRIPTION
THE DTF IS IDEAL FOR GARAGES, OUTDOOR USE AS WELL AS
INDOOR INSTALLATIONS, WALL, CEILING OR SUSPENDED
APPLICATIONS. THE HOUSING IS ONE PIECE, MOLDED
FIBERGLASS, REINFORCED POLYSTER. THERE WILL BE NO
CORROSION, OXIDATION OR RUSTING

TYPE:

PROJECT:

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

50% ENERGY
SAVINGS COMPARED
TO LINEAR
FLUORESCENT

SUSTAINABLE
MATERIALS

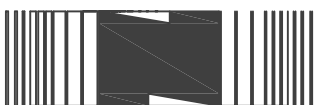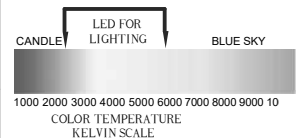ARRAY OF LUMEN
OPTIONS ALL
LM79/LM80 UL
APPROVED

5 YEAR WARRANTY
LED AND DRIVER

Dimensions: 6 1/4", 5 5/8", 5 1/2" (top widths); 2 1/2", 4 7/8", 2 3/8" (heights); 5 1/4" (bottom width). Callouts: HOUSING, DRIVER, LED, LENS

ORDERING KEY

SERIES	LUMENS/ft (W/ft)	LENGTH	COLOR TEMP	MOUNTING	VOLTAGE	OPTIONS
DTF LED	LO 851.5(31) MO 1150.5(10.57) HO 1518(14.25)	☐ 4' ☐ 8'	☐ 2700K ☐ 3000K ☐ 3500K ☐ 4000K ☐ 5000K	☐ SM - SURFACE ☐ P - STEM ☐ 24" ☐ 48" ☐ OTHER_____	☐ 120 V ☐ 277 V ☐ UNIVERSAL	☐ EM ☐ DIM 0-10 ☐ DALI ☐ Hilume 1%LTEA2W ☐ Hilume 1% Eco-LDE1 ☐ LEXAN

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/WT. ARCHITECTURAL
LENSES PROVIDED WITH THE LUMINAIRES BY DESIGN EVEN THE BRIGHTNESS AND VISUAL
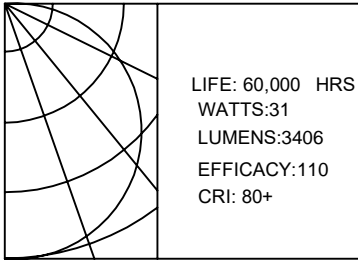COMFORT AND MIGHT FRACTIONALLY LOWER LM/WT.

ETL   IES   MADE IN USA   ENERGY STAR PARTNER   RoHS COMPLIANT

CANDLE   LED FOR LIGHTING   BLUE SKY

1000 2000 3000 4000 5000 6000 7000 8000 9000 10
COLOR TEMPERATURE
KELVIN SCALE

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

3E SERIES
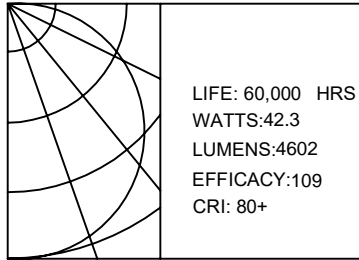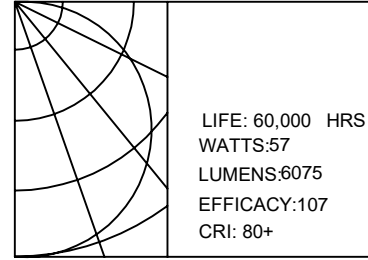ENLIGHTENING · ENDURING · ECOFRIENDLY
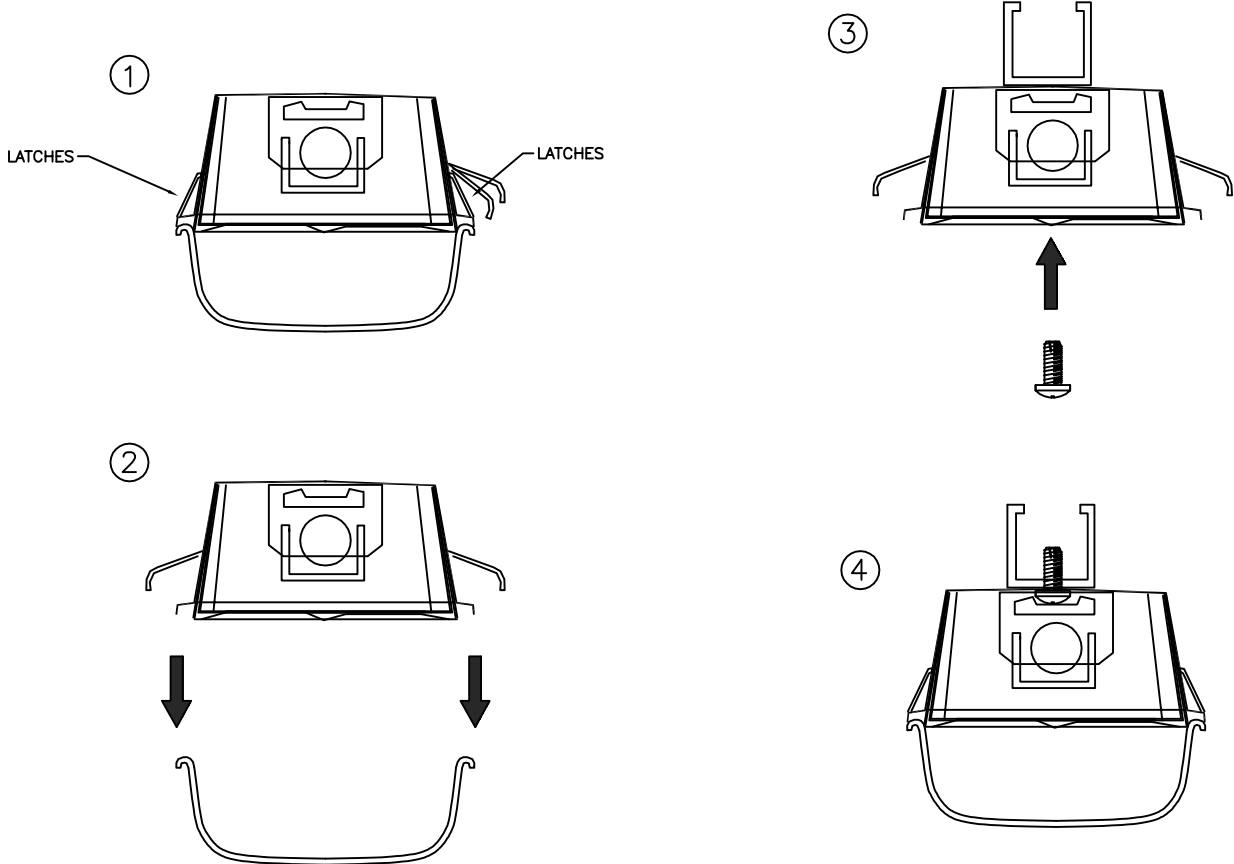
DTF LED-LO

LIFE: 60,000 HRS.
WATTS:31
LUMENS:3406
EFFICACY:110
CRI: 80+

DTF LED-MO

LIFE: 60,000 HRS
WATTS:42.3
LUMENS:4602
EFFICACY:109
CRI: 80+

DTF- LED-HO

LIFE: 60,000 HRS
WATTS:57
LUMENS:6075
EFFICACY:107
CRI: 80+

All values are based on 4' Section.

INSTALLATION INSTRUCTIONS
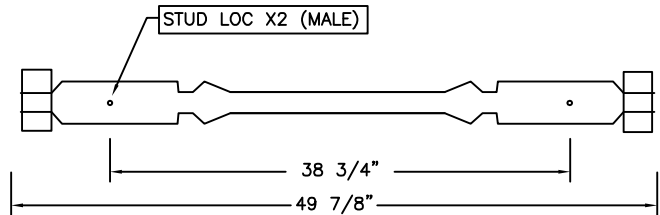
① LATCHES — — LATCHES

②

③

④

LIGHTING CONTROL SOLUTIONS

1. DIMMMING (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

2. 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

3. Compatibility:
 National fixtures are compatible with Lutron, Philips Actilume, Magnum, Wattstopper, Hubbell , Leviton , Hytronik , Daintree & Enlighted Control System

TYPICAL BACK PLAN

STUD LOC X2 (MALE)

38 3/4"
49 7/8"

NATIONAL LIGHTING
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BELLEVILLE, NJ 07109

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WWW.NATLTG.COM

NATIONAL
LIGHTING

JOB NAME:
CATALOG:
TYPE: