

# LINEAR TUFF EMERGENCY

## LINEAR, EXPLOSION PROOF LIGHT – WITH 90 MINUTE BATTERY BACKUP

When the power goes out, keep hazardous locations safe and illuminated. Bringing the same robustness, cost-efficiency, and safety, the Linear Tuff now boasts a 90 Minute emergency battery backup.

Suitable for petrochemical facilities, drilling rigs, platforms, loading docks, mining, oil and gas refineries, tunnels, and other hazardous locations.

### SPECIFICATION

|                        |                                                   |
|------------------------|---------------------------------------------------|
| POWER                  | : 80W; EM: 6W                                     |
| VOLTAGE / FREQUENCY    | : 120-277V AC 50/60Hz                             |
| POWER FACTOR           | : >0.95                                           |
| THD                    | : <10%                                            |
| L70                    | : 140,000 Hours@113°F                             |
| SURGE PROTECTION       | : 6KV                                             |
| LUMEN OUTPUT           | : 10057Lm EM:812Lm                                |
| LUMEN EFFICIENCY       | : Up to 123Lm/W                                   |
| BEAM ANGLE             | : 60° /110° /T2                                   |
| CCT                    | : 3000K/4000K/5000K                               |
| COLOUR RENDERING INDEX | : Ra>70                                           |
| AMBIENT TEMPERATURE    | : -4°F ~ +113°F (-20°C ~ +45°C)                   |
| T-CODE RATING          | : CID1 – T6                                       |
| FINISH                 | : Thermoset Powdercoat                            |
| HARDWARE               | : Stainless Steel 316                             |
| CONNECTIONS            | : 3/4" NPT                                        |
| DIMMING                | : 0-10V dimming                                   |
| MOUNTING OPTIONS       | : Pendant, Yoke Bracket, Pipe, Chain              |
| WEIGHT                 | : 29.8Lb/7.4kg                                    |
| DIMENSIONS (L×W×H)     | : 43.3×5.8×7.3 in (1100×148×185 mm)               |
| WARRANTY               | : LEDs: 10 Years Driver: 5 Years Battery: 5 Years |



SCAN FOR LATEST PRODUCT INFO

### RATINGS & CERTIFICATIONS

> Class I Division 1 Group C, D



### FEATURES

- > Best-in-class system efficacy - Up to 136 Lm / W
- > Charge time 24h, Discharge time 1.5h
- > Wide ambient temp. range from - 20°C to + 45 °C ( -4°F ~ + 113°F)
- > Safe and reliable heat transfer - Offering a T-rating of T6 ( CID1 )
- > Instant on/off operation
- > Shock-and vibration-resistant - Durable LEDs with solder-less board connection
- > Copper-free aluminum body and corrosion resistant
- > All exposed fasteners with quality stainless steel
- > Thermal shock and impact resistant tempered glass
- > Slim and compact design

EXAMPLE: LNT-80-120-277-5K-110-H1-CG-GRY-PND-EM

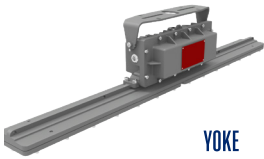
| LNT     | 80                  | 120-277            | 5K                                            | 110                                               | H1                | CG                                         | GRY                 | PND                                        | EM            |
|---------|---------------------|--------------------|-----------------------------------------------|---------------------------------------------------|-------------------|--------------------------------------------|---------------------|--------------------------------------------|---------------|
| FIXTURE | WATTAGE<br>80 - 80W | VOLTAGE<br>120-277 | CCT<br>5K - 5000K<br>4K - 4000K<br>3K - 3000K | BEAM<br>110 - 110°<br>60 - 60°**<br>T2 - Type II* | RATING<br>H1-C1D1 | LENS<br>CG-Clear Glass<br>DG-Diffuse Glass | COLOR<br>GRY - Grey | MOUNTING<br>PND - Pendant<br>YKE - Yoke ** | BATTERY<br>EM |

ACCESSORIES (ORDERED SEPARATELY)

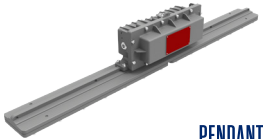
| Item     | Description                                                | MPN Code  |
|----------|------------------------------------------------------------|-----------|
| LNT-YOKE | : Yoke Mount, LNT SERIES, SS304, Power Coated Grey RAL7037 | 309050067 |
| CHAIN01  | : Chain Hang Kit, LNR&LNT SERIES, SS304                    | 309050071 |
| CLAMP01  | : Pipe Clamp Kit for Round pole Φ 1 7/8(48mm), SS304       | 309050047 |
| CLAMP02  | : Pipe Clamp Kit for Round pole Φ 2 3/8(60mm), SS304       | 309050046 |
| SFCB02   | : Safety Cable Kit, RND &BLM&LNT&LNT EM SERIES, SS304      | 309050058 |
| SP1      | : 10KV Surge Protector 120~277V                            | 309050060 |
| SP1HV    | : 10KV Surge Protector 347~480V                            | 309050061 |

\*Only available with Clear Glass Option

\*\* LNT-YOKE Pre-installed as standard

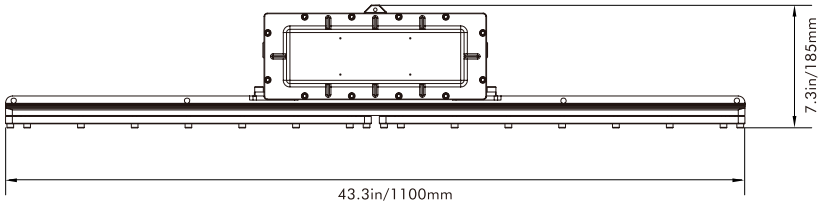
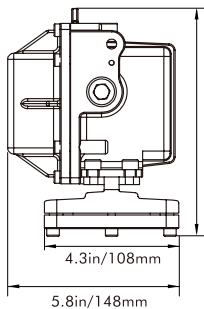


YOKE

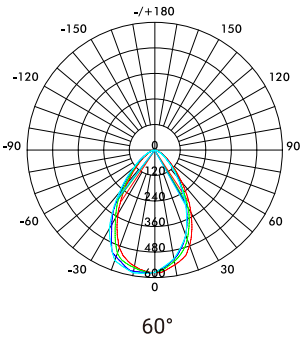


PENDANT

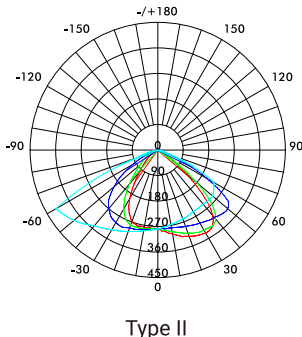
DIMENSIONS



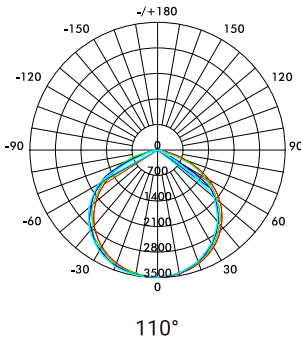
PHOTOMETRICS



60°



Type II



110°