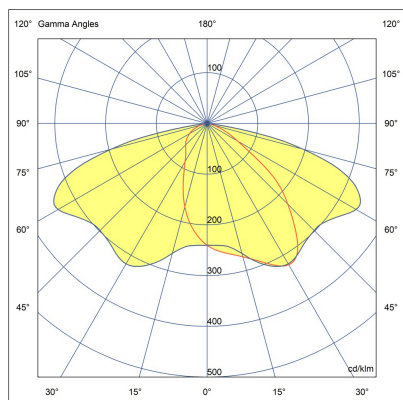


# TURA 1x12 LED

LL2036.751-US-T3-700-830



[T3]  
Type III

## Configuration

|                       |               |
|-----------------------|---------------|
| Light distribution    | [T3] 143x68°  |
| Delivered lumens flux | 2595 lm       |
| Rated input power     | 28 W          |
| Color temperature     | 3000 K CRI 80 |
| Luminaire efficacy    | 92 lm/W       |
| Lamp                  | 12 LED        |
| Color Deviation       | 3 SDCM        |
| BUG rating            | B1-U0-G1      |
| Lifetime L90 (hour)   | >102,000      |
| Lifetime L80 (hour)   | >102,000      |

## Options

## Technical information

|                             |  |
|-----------------------------|--|
| Mounting                    | Direct pole or side bracket mountable. Tenon:<br>Ø2 1/4" x 4"                |
| Tilt angle                  | +15°/-15°  |
| Housing                     | Corrosion resistant, die-cast, marine grade<br>aluminum housing              |
| Finishing                   | Chromate conversion pretreatment followed by<br>electrostatic powder coating |
| Fasteners                   | Stainless steel (AISI 304 / EN 1.4301 grade)                                 |
| Gasket                      | EPDM gasket (Shore A 20-25)  |
| Lens / Reflector            | PMMA lens with high optical efficiency                                       |
| Glass / Diffusor            | Tempered safety glass  |
| Impact protection           | IK08   |
| Ingress protection          | IP66   |
| Input voltage               | 120-277V 50/60Hz   |
| Insulation class            | Class I  |
| Wind catching area<br>(EPA) | 0.55 ft <sup>2</sup>   |
| Weight                      | 22 lbs   |
| LED module                  | High power LEDs on metal-core PCB  |
| Driver                      | Internal LED driver  |
| Driver surge<br>protection  | 10/6 kV  |
| Power factor                | > 0.95   |
| Through wiring              | Single power cord entry  |
| Operating<br>temperature    | -40...50°C   |

Poles (To be ordered separately)

Round tapered aluminum poles with base plate

|  | Product code | Height                     | Diameter / Dimensions | Spigot / End diameter |
|---|--------------|----------------------------|-----------------------|-----------------------|
|   | PAFK.D114    | 10', 13.1', 16.4'          | Ø4 1/2"               | Ø2 3/8", Ø3"          |
|   | PAFK.D122    | 13.1', 16.4', 19.7'        | Ø5"                   | Ø2 3/8", Ø3"          |
|   | PAFK.D148    | 19.7', 23.0', 26.2'        | Ø6"                   | Ø2 3/8", Ø3"          |
|   | PAFK.D165    | 19.7', 23.0', 26.2', 29.5' | Ø6 1/2"               | Ø3 1/2", Ø3"          |
|   | PAFK.D180    | 26.2', 29.5', 32.8'        | Ø7"                   | Ø3 1/2", Ø3"          |
|   | PAFK.D200    | 32.8', 36.1', 39.4'        | Ø7 7/8"               | Ø3 1/2", Ø3"          |




Round tapered aluminum poles (direct burial)

|  | Product code | Height                     | Diameter / Dimensions | Spigot / End diameter |
|---|--------------|----------------------------|-----------------------|-----------------------|
|   | PABK.D114    | 10', 13.1', 16.4'          | Ø4 1/2"               | Ø2 3/8", Ø3"          |
|   | PABK.D122    | 13.1', 16.4', 19.7', 23.0' | Ø5"                   | Ø2 3/8", Ø3"          |
|   | PABK.D148    | 19.7', 23.0', 26.2'        | Ø6"                   | Ø2 3/8", Ø3"          |
|   | PABK.D165    | 19.7', 23.0', 26.2', 29.5' | Ø6 1/2"               | Ø3 1/2", Ø3"          |
|   | PABK.D180    | 26.2', 29.5', 32.8'        | Ø7"                   | Ø3 1/2", Ø3"          |
|   | PABK.D200    | 32.8', 36.1', 39.4'        | Ø7 7/8"               | Ø3 1/2", Ø3"          |

Round cylindrical aluminum poles with base plate

|  | Product code | Height                     | Diameter / Dimensions | Spigot / End diameter |
|---|--------------|----------------------------|-----------------------|-----------------------|
|   | PAFC.D114    | 10', 13.1', 16.4'          | Ø4 1/2"               | Ø4 1/2"               |
|   | PAFC.D122    | 10', 13.1', 16.4', 19.7'   | Ø5"                   | Ø4 51/64"             |
|   | PAFC.D148    | 19.7', 23.0', 26.2'        | Ø6"                   | Ø5 7/8"               |
|   | PAFC.D165    | 19.7', 23.0', 26.2', 29.5' | Ø6 1/2"               | Ø6 1/2"               |

|                                      |  |  |      |  |      |  |          |  |
|--------------------------------------|--|--|------|--|------|--|----------|--|
| Project name                         |  |  |      |  | Type |  | Quantity |  |
| Date                                 |  |  | Note |  |      |  |          |  |
| LL2036.751-US-T3-700-830-__-__-__-__ |  |  |      |  |      |  |          |  |

| Light distribution  | Rated input power    | Color temperature   | Control   | Product colors   |
|---|----------------------|---|---|--|
| <b>[T3]</b><br>Type III - 143x68°<br><br><b>[P4]</b><br>Pedestrian crosswalk distribution - 22x77°<br><br><b>[T1]</b><br>Type I - 113x48°<br><br><b>[T2]</b><br>Type II - 137x52°<br><br><b>[T2]</b><br>Type II - 150x60°<br><br><b>[T2BL]</b><br>Type II with Backlight shield - 128x48°<br><br><b>[T3]</b><br>Type III - 158x59°<br><br><b>[T3BL]</b><br>Type III with Backlight shield - 128x50°<br><br><b>[T4]</b><br>Type IV - 121x70°<br><br><b>[T4BL]</b><br>Type IV with Backlight shield - 111x38° | <b>[700]</b><br>28 W | <b>[830]</b><br>3000 K CRI 80<br><br><b>[730]</b><br>3000 K CRI 70<br><br><b>[740]</b><br>4000 K CRI 70 | <b>[ONOFF]</b><br>On/Off<br><br><b>[0-10V]</b><br>0-10V | <b>[HM3]</b> <br>Anthracite gray<br><br><b>[HM4]</b> <br>Light gray<br><br><b>[CC]</b> <br>Custom color (Please specify RAL code) |
| <b>Extras</b>   |                      |   |   |  |
| <b>External surge protection</b>  |                      |   |   |  |
| <b>[SP10]</b><br>10 kV  |                      |   |   |  |
| <b>Connectivity</b>   |                      |   |   |  |
| <b>[NM7]</b><br>7 Pin NEMA socket   |                      |   |   |  |
| <b>Luminaire body options</b>   |                      |   |   |  |
| <b>[DPC]</b><br>Double powder coating   |                      |   |   |  |