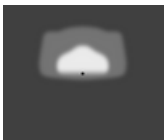
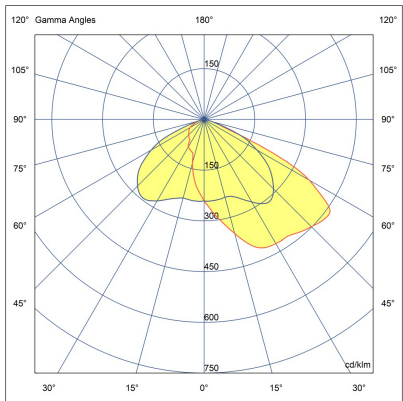
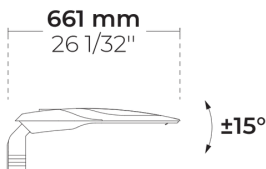


# TURA 2x12 LED



LL2036.752-US-T4BL-700-830



[T4BL]

Type IV with  
Backlight shield

## Configuration

|                       |                |
|-----------------------|----------------|
| Light distribution    | [T4BL] 111x38° |
| Delivered lumens flux | 5046 lm        |
| Rated input power     | 52 W           |
| Color temperature     | 3000 K CRI 80  |
| Luminaire efficacy    | 97 lm/W        |
| Lamp                  | 24 LED         |
| Color Deviation       | 3 SDCM         |
| BUG rating            | B2-U0-G2       |
| 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) | 2.7 ft²                                                                      |
| Weight                      | 22 lbs                                                                       |
| LED module                  | High power LEDs on metal-core PCB                                            |
| Driver                      | Internal LED driver                                                          |
| Driver surge<br>protection  | 6/6 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"               |

|                                               |  |             |  |                 |  |
|-----------------------------------------------|--|-------------|--|-----------------|--|
| <b>Project name</b>                           |  | <b>Type</b> |  | <b>Quantity</b> |  |
| <b>Date</b>                                   |  | <b>Note</b> |  |                 |  |
| <b>LL2036.752-US-T4BL-700-830-__-__-__-__</b> |  |             |  |                 |  |

| Light distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Rated input power    | Color temperature                                                                                       | Control                                                 | Product colors                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[T4BL]</b><br>Type IV with Backlight shield - 111x38°<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 - 143x68°<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° | <b>[700]</b><br>52 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |                                                                                                         |                                                         |                                                                                                                                                                                                                                                                                                                                                                                            |