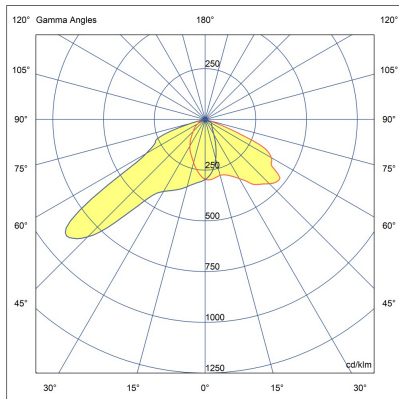
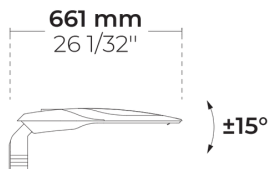


# TURA 4x12 LED

UL US IK08 IP66



LL2036.754-US-P4-700-830-UNI-C1



[P4]

Special pedestrian  
road distribution-  
right side traffic

## Variant

|                        |               |
|------------------------|---------------|
| Light distribution     | [P4] 22x77°   |
| Delivered lumens flux  | 10858 lm      |
| Rated input power      | 105 W         |
| Colour temperature     | 3000 K CRI 80 |
| Luminaire efficacy     | 103 lm/W      |
| Lamp                   | 48 LED        |
| MacAdam Ellipse        | 3 SDCM        |
| BUG rating             | B2-U0-G1      |
| Lifetime L90B50 (hour) | >102,000      |
| Lifetime L80B50 (hour) | >102,000      |

## Options

## Technical information

|                          |                                                                           |
|--------------------------|---------------------------------------------------------------------------|
| Mounting                 | Direct pole or side bracket mountable. Spigot: Ø60 mm x 100 mm            |
| Tilt angle               | +15°/-15°                                                                 |
| Housing                  | Corrosion resistant, die-cast, marine grade aluminum housing              |
| Finishing                | Chromate conversion pretreatment followed by 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 (EPA) | 2.7 ft²                                                                   |
| Weight                   | 22 lbs                                                                    |
| LED module               | High power LEDs on metal-core PCB                                         |
| Driver                   | Internal LED driver                                                       |
| Driver surge protection  | 6/6 kV                                                                    |
| Power factor             | > 0.95                                                                    |
| Through wiring           | Single cable entry                                                        |
| Operating temperature    | -40...50°C                                                                |
| Cable                    | 1 m of flexible cable                                                     |

## Poles (To be ordered separately)

### Conical aluminum poles with flange plate



| Product code | Height           | Diameter / Dimensions | Spigot diameter |
|--------------|------------------|-----------------------|-----------------|
| PAFK.D114    | 3m, 4m, 5m m     | Ø114mm                | Ø60mm, Ø76mm mm |
| PAFK.D122    | 4m, 5m, 6m m     | Ø122mm                | Ø60mm, Ø76mm mm |
| PAFK.D148    | 6m, 7m, 8m m     | Ø148mm                | Ø60mm, Ø76mm mm |
| PAFK.D165    | 6m, 7m, 8m, 9m m | Ø165mm                | Ø76mm, Ø90mm mm |
| PAFK.D180    | 10m, 8m, 9m m    | Ø180mm                | Ø76mm, Ø90mm mm |
| PAFK.D200    | 10m, 11m, 12m m  | Ø200mm                | Ø76mm, Ø90mm mm |

### Conical aluminum poles with embedded base



| Product code | Height           | Diameter / Dimensions | Spigot diameter |
|--------------|------------------|-----------------------|-----------------|
| PABK.D114    | 3m, 4m, 5m m     | Ø114mm                | Ø60mm, Ø76mm mm |
| PABK.D122    | 4m, 5m, 6m, 7m m | Ø122mm                | Ø60mm, Ø76mm mm |
| PABK.D148    | 6m, 7m, 8m m     | Ø148mm                | Ø60mm, Ø76mm mm |
| PABK.D165    | 6m, 7m, 8m, 9m m | Ø165mm                | Ø76mm, Ø90mm mm |
| PABK.D180    | 10m, 8m, 9m m    | Ø180mm                | Ø76mm, Ø90mm mm |
| PABK.D200    | 10m, 11m, 12m m  | Ø200mm                | Ø76mm, Ø90mm mm |

### Cylindrical aluminum poles with flange plate



| Product code | Height           | Diameter / Dimensions | Spigot diameter |
|--------------|------------------|-----------------------|-----------------|
| PAFC.D114    | 3m, 4m, 5m m     | Ø114mm                | Ø114mm mm       |
| PAFC.D122    | 3m, 4m, 5m, 6m m | Ø122mm                | Ø122mm mm       |
| PAFC.D148    | 6m, 7m, 8m m     | Ø148mm                | Ø148mm mm       |
| PAFC.D165    | 6m, 7m, 8m, 9m m | Ø165mm                | Ø165mm mm       |

|                                                          |  |             |  |                 |  |
|----------------------------------------------------------|--|-------------|--|-----------------|--|
| <b>Project name</b>                                      |  | <b>Type</b> |  | <b>Quantity</b> |  |
| <b>Date</b>                                              |  | <b>Note</b> |  |                 |  |
| <b>LL2036.754-US-P4-700-830-__-UNI-C1-__-__-__-__-__</b> |  |             |  |                 |  |

| Light distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Rated input power     | Colour temperature                                                                                      | Control                                                 | Product colours                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[P4]</b><br>Special pedestrian road distribution-right side traffic - 22x77°<br><br><b>[T1]</b><br>Type I, Asymmetric, Side throw - 113x48°<br><br><b>[T2]</b><br>Type II, Asymmetric, Side throw - 137x52°<br><br><b>[T2]</b><br>Type II, Asymmetric, Side throw - 150x60°<br><br><b>[T2BL]</b><br>Type II, Asymmetric, Side throw with Backlight shield<br><br><b>[T3]</b><br>Type III, Asymmetric, Side throw - 143x68°<br><br><b>[T3]</b><br>Type III, Asymmetric, Side throw - 158x59°<br><br><b>[T3BL]</b><br>Type III, Asymmetric, Side throw with Backlight shield<br><br><b>[T4]</b><br>Type IV, Asymmetric, Forward throw - 121x70°<br><br><b>[T4BL]</b><br>Type IV, Asymmetric, Forward throw with Backlight shield - 111x38° | <b>[700]</b><br>105 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 grey<br><br><b>[HM4]</b> <br>Light grey<br><br><b>[CC]</b> <br>Custom colour (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>NEMA socket - 7 Pin   |
| <b>Light output</b>                   |
| <b>[CLO]</b><br>Constant light output |
| <b>Luminaire body options</b>         |
| <b>[DPC]</b><br>Double powder coating |