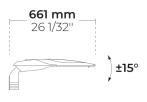
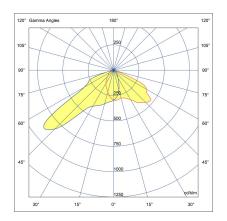
## TURA 4x12 LED

### LL2036.754-US-P4-700-830









**[P4]** Pedestrian crosswalk distribution

#### Configuration

Light distribution	[P4] 22x77°
Delivered lumens flux	10858 lm
Rated input power	105 W
Color temperature	3000 K CRI 80
Luminaire efficacy	103 lm/W
Lamp	48 LED
Color Deviation	3 SDCM
BUG rating	B2-U0-G1
Lifetime L90 (hour)	>102,000
Lifetime L80 (hour)	>102,000

#### Options

#### Technical information

Ø2 1/4" x 4"Tilt angle+15°/-15°HousingCorrosion resistant, die-cast, marine grade aluminum housingFinishingChromate conversion pretreatment followed by electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketEPDM gasket (Shore A 20-25)Lens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIK08Ingress protectionIClass IWind catching area2.7 ft²(EPA)22 lbsLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature40" of flexible power cord	Mounting	Direct pole or side bracket mountable. Tenon:
HousingCorrosion resistant, die-cast, marine grade aluminum housingFinishingChromate conversion pretreatment followed by electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketEPDM gasket (Shore A 20-25)Lens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIK08Ingress protectionIClass IWind catching area2.7 ft²(EPA)YeightWeight22 lbsLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotectionYo.95Through wiringSingle power cord entryOperating-4050°CtemperatureYo.95		Ø2 1/4" x 4"
aluminum housingFinishingChromate conversion pretreatment followed by electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketEPDM gasket (Shore A 20-25)Lens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area2.7 ft²(EPA)ED moduleUriverInternal LED driverDriverInternal LED driverPower factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature-4050°C	Tilt angle	+15°/-15°
FinishingChromate conversion pretreatment followed by electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketEPDM gasket (Shore A 20-25)Lens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area2.7 ft²(EPA)ED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature-4050°C	Housing	Corrosion resistant, die-cast, marine grade
electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketEPDM gasket (Shore A 20-25)Lens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area2.7 ft²(EPA)VeightVeight22 lbsLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature-4050°C		aluminum housing
FastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketEPDM gasket (Shore A 20-25)Lens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area2.7 ft²(EPA)ED moduleWeight22 lbsLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature-4050°C	Finishing	Chromate conversion pretreatment followed by
GasketEPDM gasket (Shore A 20-25)Lens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIK08Input voltage120-277V 50/60HzInsulation classClass IWind catching area2.7 ft²(EPA)ED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°CtemperatureItemperature		electrostatic powder coating
Lens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area2.7 ft²(EPA)22 lbsLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature-4050°C	Fasteners	Stainless steel (AISI 304 / EN 1.4301 grade)
Glass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area2.7 ft²(EPA)22 lbsLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature	Gasket	EPDM gasket (Shore A 20-25)
Impact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area2.7 ft²(EPA)22 lbsLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature	Lens / Reflector	PMMA lens with high optical efficiency
Ingress protection IP66 Input voltage IP66 Input voltage 120-277V 50/60Hz Insulation class Class I Wind catching area 2.7 ft <sup>2</sup> (EPA) Weight 22 lbs LED module High power LEDs on metal-core PCB Driver Internal LED driver Driver surge 6/6 kV protection Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C temperature	Glass / Diffusor	Tempered safety glass
Input voltage 120-277V 50/60Hz Insulation class Class I Wind catching area 2.7 ft <sup>2</sup> (EPA) Weight 22 lbs LED module High power LEDs on metal-core PCB Driver Internal LED driver Driver surge 6/6 kV protection Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C temperature	Impact protection	IK08
Insulation class Class I Vind catching area 2.7 ft <sup>2</sup> (EPA) Weight 22 lbs LED module High power LEDs on metal-core PCB Driver Internal LED driver Driver surge 6/6 kV protection Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C temperature	Ingress protection	IP66
Wind catching area2.7 ft²(EPA)22 lbsWeight22 lbsLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotectionPower factorPower factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature	Input voltage	120-277V 50/60Hz
(EPA) Weight 22 lbs LED module High power LEDs on metal-core PCB Driver Internal LED driver Driver surge 6/6 kV protection Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C temperature	Insulation class	Class I
Weight22 lbsLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotectionPower factorPower factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature	Wind catching area	2.7 ft <sup>2</sup>
LED module High power LEDs on metal-core PCB   Driver Internal LED driver   Driver surge 6/6 kV   protection Power factor   Power factor > 0.95   Through wiring Single power cord entry   Operating -4050°C   temperature -4050°C	(EPA)	
DriverInternal LED driverDriver surge6/6 kVprotectionPower factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature	Weight	22 lbs
Driver surge 6/6 kV protection Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C temperature	LED module	High power LEDs on metal-core PCB
protection Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C temperature	Driver	Internal LED driver
Power factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature	Driver surge	6/6 kV
Through wiring Single power cord entry   Operating -4050°C   temperature -4050°C	protection	
Operating -4050°C temperature	Power factor	> 0.95
temperature	Through wiring	Single power cord entry
•	Operating	-4050°C
<b>Power cord</b> 40" of flexible power cord	temperature	
	Power cord	40" of flexible power cord

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#### Round tapered aluminum poles with base plate

#### Round tapered aluminum poles (direct burial)

Product code	Height	Diameter / Dimensions	Spigot / End diameter		Product code	Height	Diameter / Dimensions	Spigot / End diameter
PAFK.D114	10', 13.1', 16.4'	Ø4 1/2"	Ø2 3/8", Ø3"		PABK.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"	•	PABK.D122	13.1', 16.4', 19.7', 23.0'	Ø5"	Ø2 3/8", Ø3"
PAFK.D148	19.7', 23.0', 26.2'	Ø6"	Ø2 3/8", Ø3"		PABK.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"		PABK.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"		PABK.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"		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"

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Project na	me			Туре	Quantity	
Date		Note				
LL2036.754-US-P4-700-830						

Light distribution	Rated input power	Color temperature	Control	Product colors
<b>[P4]</b> Pedestrian crosswalk distribution - 22x77°	<b>[700]</b> 105 W	<b>[830]</b> 3000 K CRI 80	<b>[ONOFF]</b> On/Off	[HM3] Anthracite gray
<b>[T1]</b> Type I - 113x48°		[730] 3000 K CRI 70	<b>[0-10V]</b> 0-10V	[HM4] Light gray
<b>[T2]</b> Type II - 137x52°		<b>[740]</b> 4000 K CRI 70		[CC] Solution (Please specify RAL code)
<b>[T2]</b> Type II - 150x60°				
<b>[T2BL]</b> Type II with Backlight shield				
<b>[T3]</b> Type III - 143x68°				
<b>[T3]</b> Type III - 158x59°				
<b>[T3BL]</b> Type III with Backlight shield				
<b>[T4]</b> Type IV - 121x70°				
<b>[T4BL]</b> Type IV with Backlight shield - 111x38°				
Extras				

# External surge protection

**[SP10]** 10 kV

Connectivity

[NM7]

7 Pin NEMA socket

#### Light output

[CLO] Constant light output

Luminaire body options

[DPC]

Double powder coating

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