

- Using high brightness and high CRI SMD2835 Led source, which got arrived from, LM80 test of 100000 hours
- The End cap can be 0 to 180 degree rotatable
- Light efficiency > 90LM/W, CRI >80
- Aluminum radiator, built-in power supply, double insulation
- The products got the FCC, UL & cUL, RoHS certification
- Isolation constant current driving power, the input voltage is lower than 40V, over-current, over voltage and short circuit protection
- Water proof level can reach IP65, can be used outside.

## Parameter

INPUT						
Voltage Range	100-277Vac					
Frequency Range	47-63Hz					
Power Factor	≥0.95					
THD	<20%					
OUTPUT						
Model	CH-TPF-20W (2ft)	CH-TPF-30W (2ft)	CH-TPF-40W (4ft)	CH-TPF-50W (4ft)	CH-TPF-50W (5ft)	CH-TPF-60W (5ft)

# H-Tech LED Tri-proof light

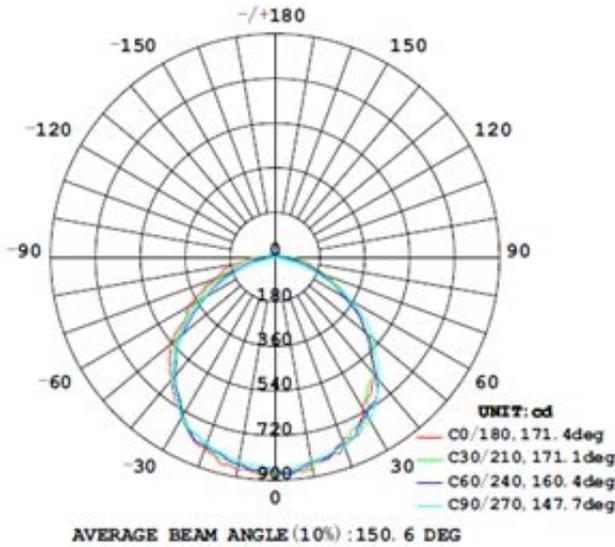


<b>Rated Current</b>	167mA	250mA	334mA	417mA	417mA	500mA
<b>Power</b>	20W	30W	40W	50W	50W	60W
<b>Length</b>	2ft(300mm)		4ft(1200mm)		5ft(1500mm)	
<b>CRI</b>	80Ra					
<b>CCT</b>	3000K-5000K					
<b>Lumen</b>	≥1800lm	≥2700lm	≥3600lm	≥4500lm	≥4500lm	≥5400lm
<b>Lumen Efficacy</b>	> 90lm/W					
<b>Driver Efficiency</b>	> 90%					
<b>Beam Angle</b>	120°					
<b>Lifespan</b>	50000Hours					
<b>Hold up Time</b>	30mS					
<b>Rise Time</b>	300mS					
<b>Dimming</b>	NO(Upon Request)					
<b>Protection</b>						
<b>Over Current</b>	105-110%out					
<b>Over Voltage</b>	105-125%					
<b>Environment</b>						
<b>Working TEMP</b>	-20~+40°C					
<b>Storage TEMP</b>	-40~+60°C					

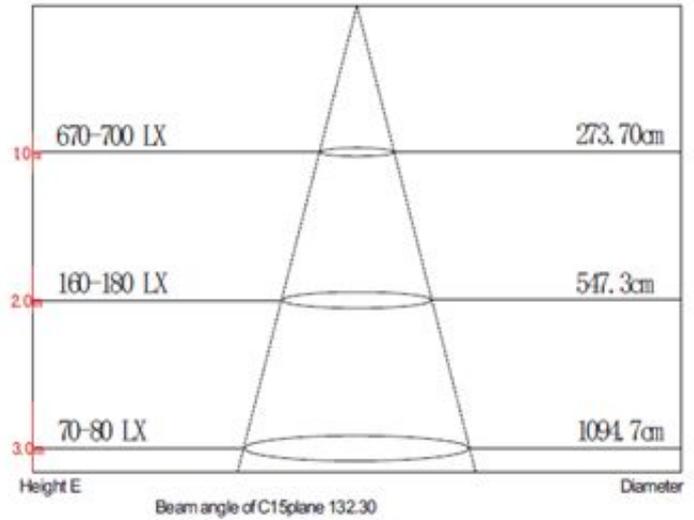
Light Distribution Curve

## CH-TPF-20W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

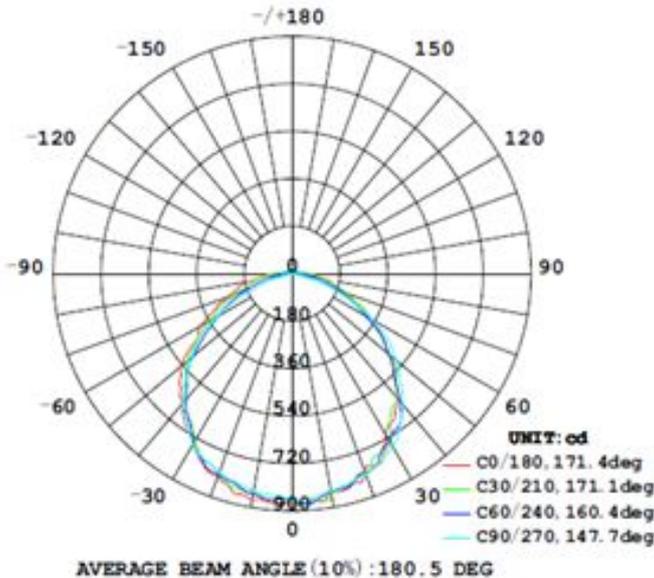


Lux distance curve(lux)

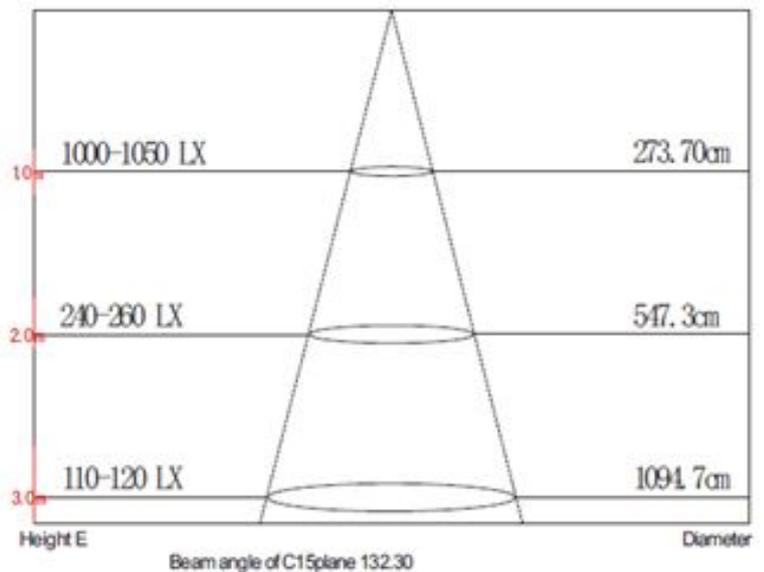


## CH-TPF-30W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

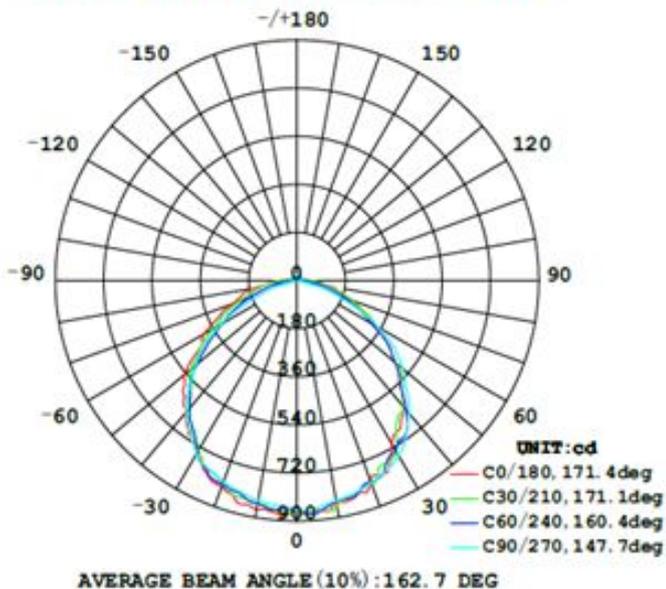


Lux distance curve(lux)

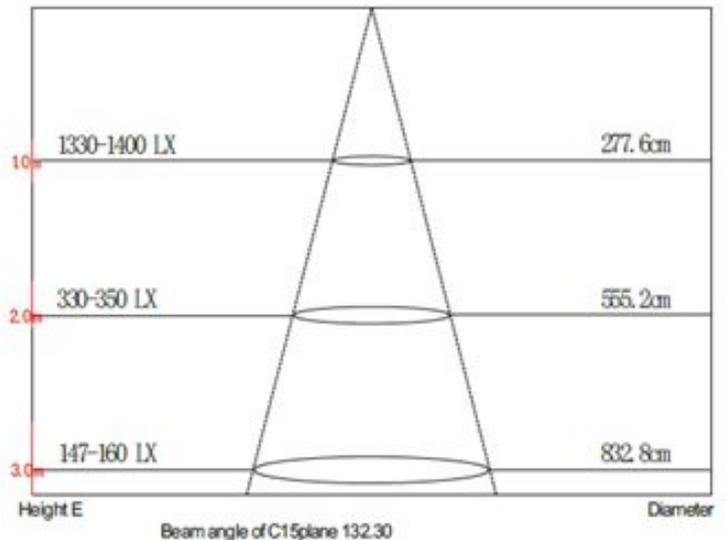


## CH-TPF-40W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

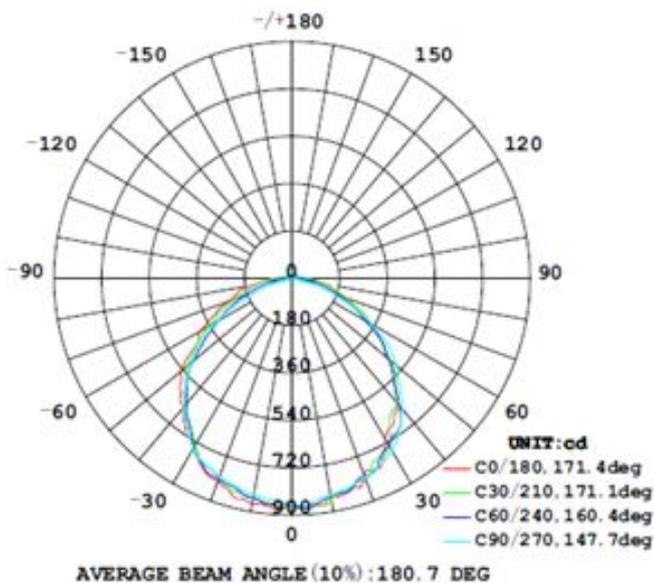


Lux distance curve(lux)

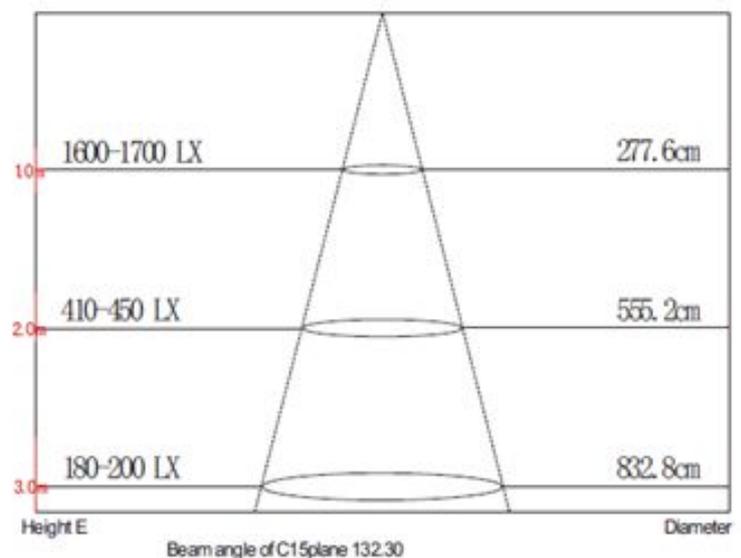


## CH-TPF-50W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

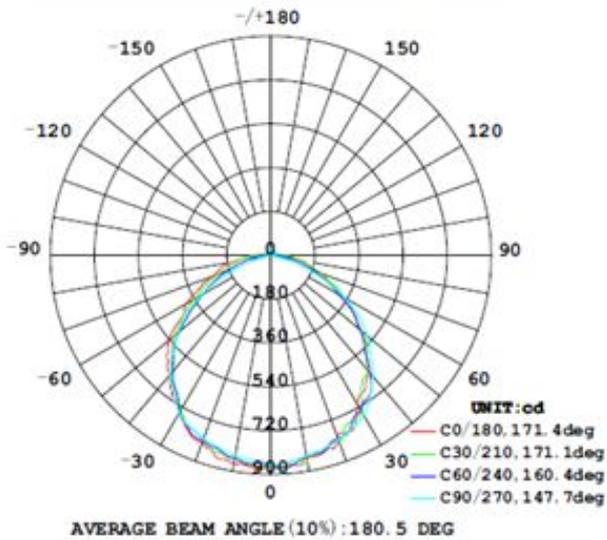


Lux distance curve(lux)

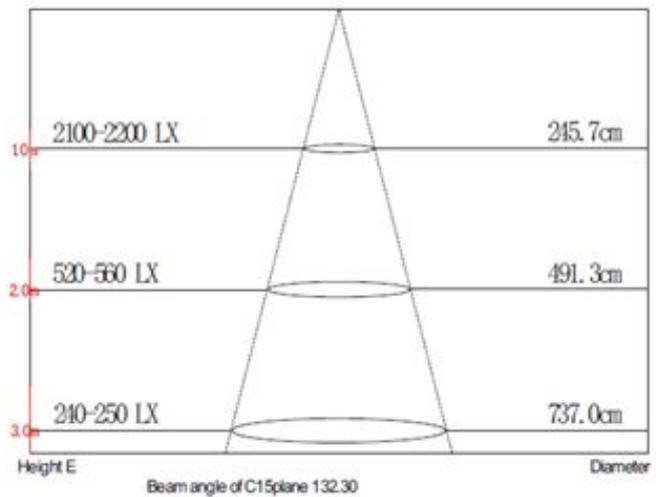


## CH-TPF-60W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

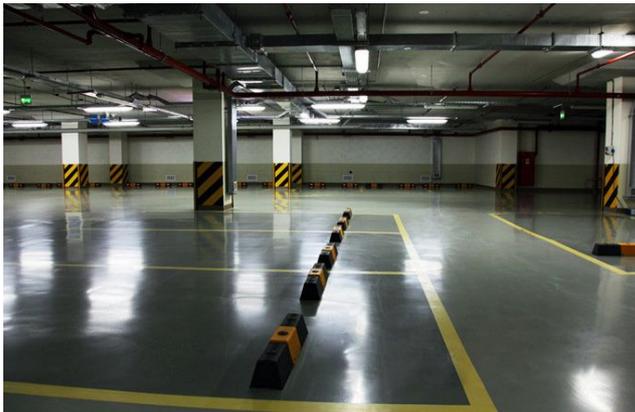


Lux distance curve(lux)

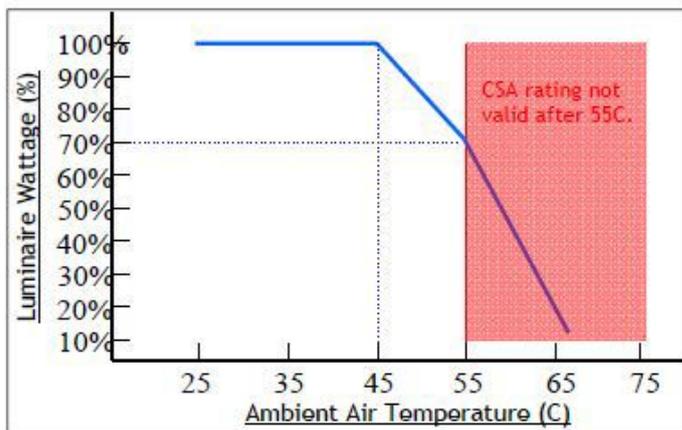


### Application

The Tri-proof Light widely was used in Parking lot、 Working place and many other outside place.



### Temperature Compensation



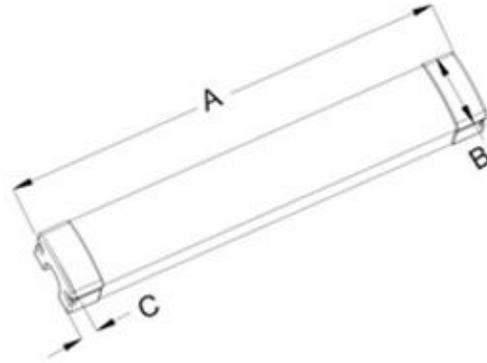
Control module activates at 45C. L70 output reached at 55C.

Continuous operation after 55C with increased compensation.

CSA certification valid to 55C only.

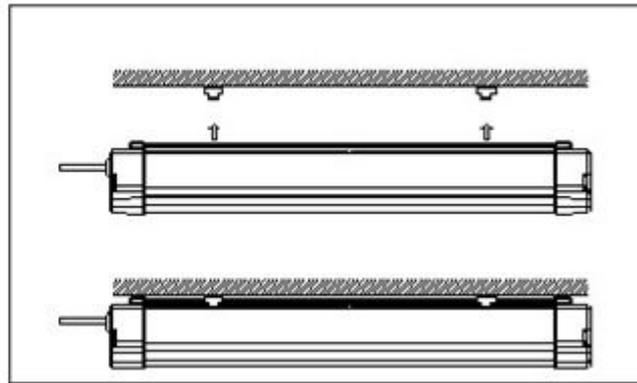
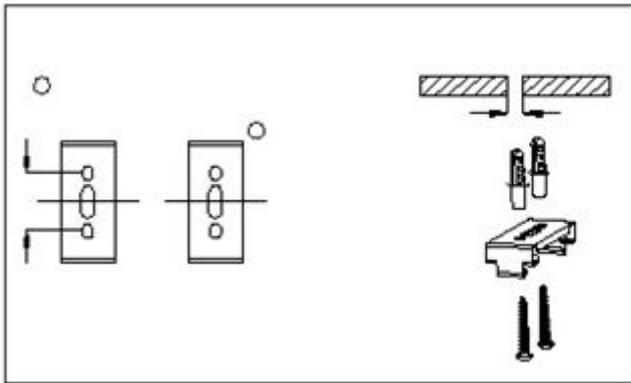
Chart accurate for Standard Output versions only.

## Size



Length/mm	A	B		C
	Min	Min	Max	Min
600	600	91	92	74
1200	1200	91	92	74
1500	1500	91	92	74

## Installation



## Packing details

Model	Meas	Qty	Net weight
CH-TPF-600	680*250*300mm	6pcs/carton	10kg
CH-TPF-1200	1280*250*300mm	6pcs/carton	18kg
CH-TPF-1500	1580*250*300mm	6pcs/carton	20kg

