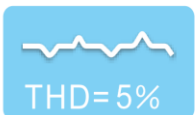
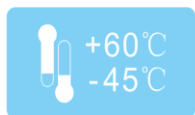


## LED Explosion-proof Lighting

LED Linear light/ Floodlight/LED Emergency/LED Indicating light  
4W/18W/30W/36W/48W/56W/72W 400mm/700mm/1300mm



### Features

- Length available 400mm,700mm and 1300mm.
- Osram led source, high lumen output over 140lm/W.
- Extruded Copper-free Aluminum, high intensity, IK10 ,endure 20J impact.
- Shock and vibration resistant
- Good quality LED drivers are provide reliable operation.
- Capable to work on extreme high and low temperature-45°C ~+60°C , keep good performance.
- IP66,WF2, can be used in ocean environment.
- Lightning protection 6KV~10KV optional , THD≤5%.
- Various installations.

### Applications

- Ex mark: Ex db mb IIC T4 Gb For Zone 1 and Zone 2,  
Ex tb IIIC T130°C Db IP66 For Zone21 and Zone 22. with ATEX& IECEx from Tuv.
- Ideal for petroleum, oil well, refineries, on land and offshore rigs, pumping station, petrochemical plants, tunnel and emergency area lighting, etc.

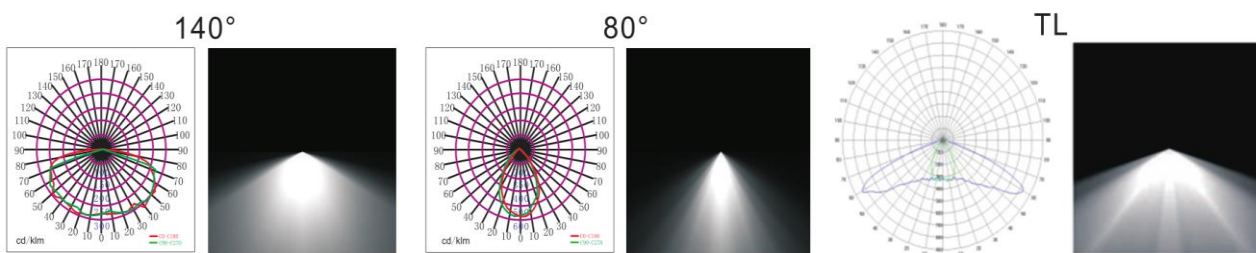
LED Lights	18W	30W	36W	48W	56W	72W
HID/HPS Equiv (approx)	36W	60W	72W	96W	112W	150W

## Technical parameters

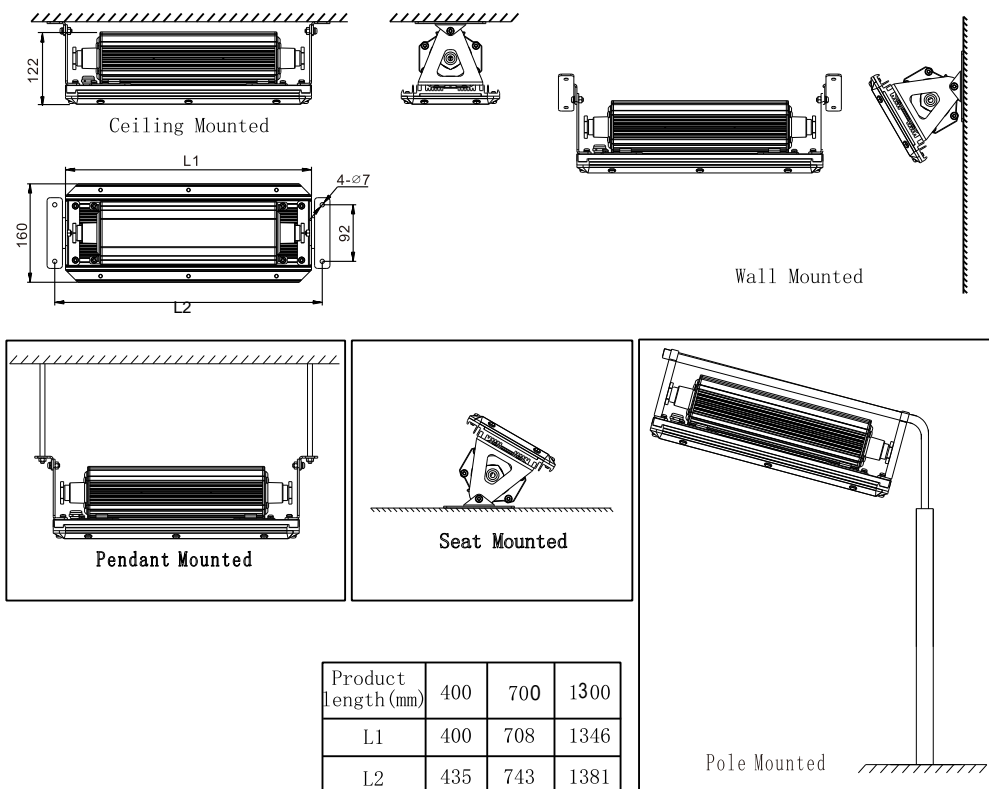
### Technical parameters-Floodlighting/Emergency lighting

Power consumption	18W	30W	36W	48W	56W	72W
Item No.	Ex-BCT18/ Ex-BCTE18	Ex-BCT30/ Ex-BCTE30	Ex-BCT36/ Ex-BCTE36	Ex-BCT48/ Ex-BCTE48	Ex-BCT56/ Ex-BCTE56	Ex-BCT72/ Ex-BCTE72
Input voltage&frequency	AC 100-277V	AC 100-277V	AC 100-277V	AC 100-277V	AC 100-277V	AC 100-277V
Frequency	47~62Hz	47~62Hz	47~62Hz	47~62Hz	47~62Hz	47~62Hz
Power factor (PF)	≥0.98	≥0.98	≥0.98	≥0.98	≥0.98	≥0.98
LED chips	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM
Luminous Flux(lm)	2034	3390	4068	5424	6328	8136
Colour rendering index (CRI)	Ra > 70	Ra > 70	Ra > 70	Ra > 70	Ra > 70	Ra > 70
Colour temperature	WW:2800~3500K PW:3500~5500K CW:5500~7000K					
Beam angle	80°/140°	80°/140°	80°/140°	80°/140°	80°/140°	80°/140°
Working ambient temp.	-45℃~+55℃ -10℃~+50℃ (Emergency light)					
IP Grade	IP66	IP66	IP66	IP66	IP66	IP66
Lifspan	≥50000hrs	≥50000hrs	≥50000hrs	≥50000hrs	≥50000hrs	≥50000hrs
Housing	Copper free Aluminium	Copper free Aluminium	Copper free Aluminium	Copper free Aluminium	Copper free Aluminium	Copper free Aluminium
Front Cover	Tempered glass	Tempered glass	Tempered glass	Tempered glass	Tempered glass	Tempered glass
Dimensions	Width and Height: 160mm* 122mm, Length About : 400mm, 700mm, 1300mm optional					
Weight	Length About : 400mm, 5kg, length about 700mm, 7kg, length about 1300mm: 11kg					
Mountin	Mounting and cable entry quantity can be customized.					
Emergency	Ex-BCT is normal light , EX-BCTE, isemergency lighting ,with battery back up,Emergency time 1~3hrs optional					
Length	Model with -400,-700,-1300, meaning model with length about 400mm,700mm, 1300mm,for eg. EX-BCT30-700					

## Distribution Curve

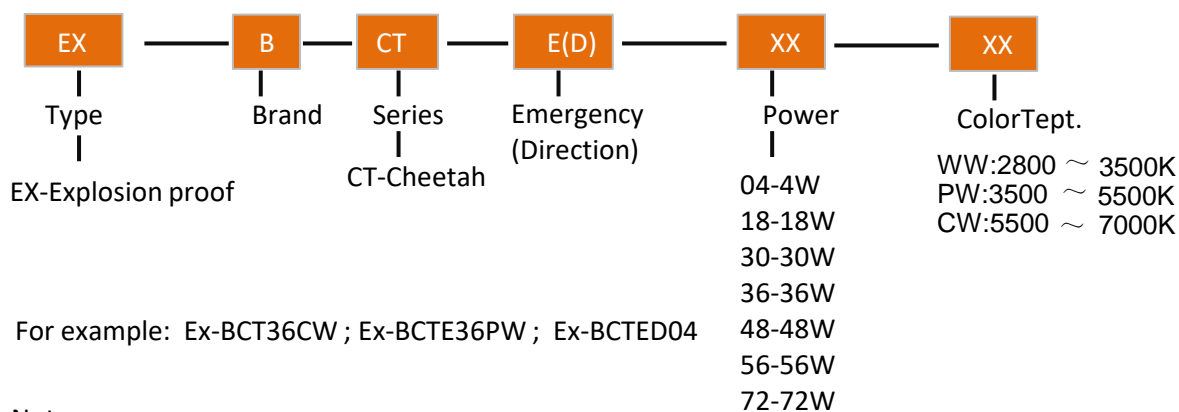


## Installation



## Ordering Information

Part number definition as follow:



Note:

- If emergency, then with "E";
- If indicating light, then with "D";
- If without emergency function, then nothing.
- If explosion proof lighting, then with "Ex", If industrial lighting, then nothing.
- Explosion proof lighting, golden color; Industrial lighting, silver cover.