

# L2004 Hazardous Location LED Lighting

PC Tube: Diffuser



PC Tube: Clear



Zone 2
Zone 21
Zone 22
IP67
NEMA 6

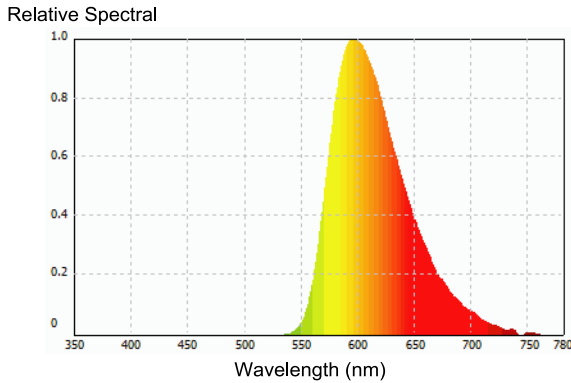
**Protection**

- Ex nR IIC T5...T6 Gc
- Ex tb IIIC T100°C...T85°C Db
- Ⓜ II 3 G Ex nR IIC T5...T6 Gc
- Ⓜ II 2 D Ex tb IIIC T100°C...T85°C Db

**Standards**

- IEC 60079-0
- IEC 60079-15
- IEC 60079-31
- EN IEC 60079-0
- EN IEC 60079-15
- EN 60079-31

## Yellow Light - Spectral Distribution



Net Weight: M-1.6 kg (3.5 lb) / L-2.6 kg (5.7 lb)



Lighting with Reflector  
>>Diffuser-Yellow Light

## Technical Data

Rated Voltage (±10%)	100V / 110V / 200V / 220V / 277V AC				
Watts (±10%)	2ft: 20W, 40W / 4ft: 40W, 60W				
Amps	20W 0.07A~0.20A / 40W 0.14A~0.40A / 60W 0.22A~0.60A				
Color of LED Light	Yellow / Cool White / Warm White / Green				
Ambient Temperature	2ft: -25°C ~ +40°C, T5; -25°C ~ +55°C, T5 / 4ft: -25°C ~ +40°C, T6; -25°C ~ +55°C, T5				
Power Factor	cos ≥ 0.9				
CRI	Cool White ≥ 70 / Warm White ≥ 80				
Lm / W (±10%)	Color	Yellow	Cool White	Warm White	Green
	PC Cover	85 lm/w	120 lm/w	108 lm/w	78 lm/w
	Diffuser	80 lm/w	115 lm/w	102 lm/w	75 lm/w
Beam Angle	X-113° / Y-145° (without reflector) X-114° / Y-141° (with narrow reflector)				
Frequency	50 / 60 Hz				
Degree of Protection	IP67 / NEMA 6				
Material	• Enclosure	Aluminum Alloy			
	• Lighting Tube	PC Cover (Clear or Diffuser)			
LED Service Life	60,000 hrs				
Entrance Thread	1 × M25				

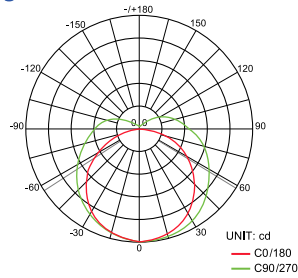
**Standard Product Length**

2ft : 663 mm

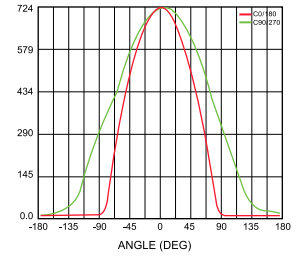
4ft : 1163 mm

## Optical Report

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



## Model Code

THT	H	2004	F	N	H	C	9	F0	03	W90R
			①				②	③	④	⑤

① Length of LED luminaire

E=Middle size (2ft) (20W / 40W)  
 F=Long size (4ft) (40W / 60W)

③ Voltage

4=100V, 1=110V  
 5=200V, 2=220V, 9=277V

⑤ Mounting Bracket Type

W90R=Wall Mount 90°  
 H90R=Hanging Mount 90°

② C.C.T.

C=Cool White  
 W=Warm White  
 Y=Yellow Light (Only 110V/220V/277V)  
 G=Green Light (Only 220V, 2ft-20W, 4ft-40W)

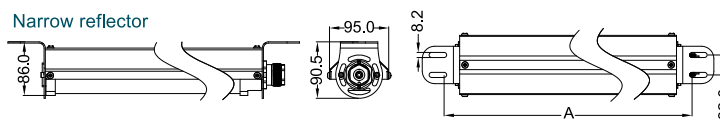
④ Wattage

B0=20W (For 2ft only)  
 D0=40W (For 2ft and 4ft)  
 F0=60W (For 4ft only)

## Mounting Option & Dimensions (All in mm)

### Hanging Mount 90° (H90R)

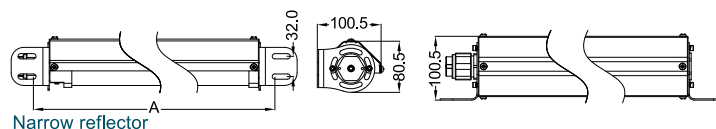
Length of A(mm)  
 2ft : 655  
 4ft : 1155



Narrow Reflector M: 3.3 kg (7.2 lb) L: 4.3 kg (9.4 lb)

### Wall Mount 90° (W90R)

Length of A(mm)  
 2ft : 655  
 4ft : 1155



Narrow Reflector M: 3.3 kg (7.2 lb) L: 4.3 kg (9.4 lb)