

LED T8 SERIES Data Sheet

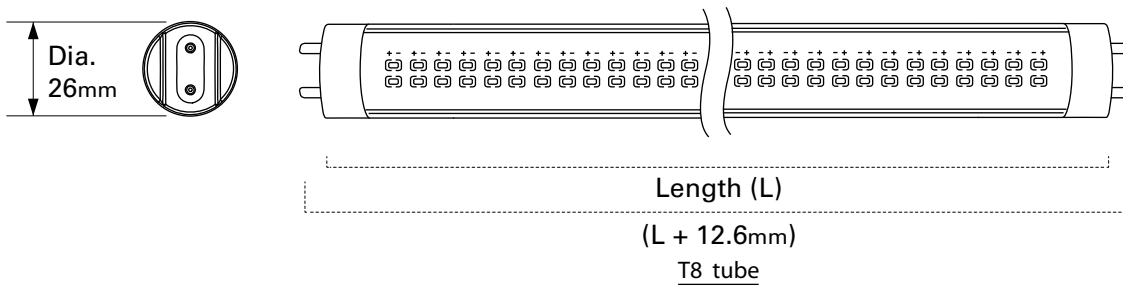
BENEFITS

- CE (Europe), CB, SAA and RoHS certified
- Industrial Grade with 220 - 240VAC, 100 - 120VAC driver built-in driver, hyperstatic and safe
- High Efficiency by saving 60% energy compares to the T8 fluorescent tube
- High Quality and Stable, LED with no flickering, protect eyes effectively
- 4-Step Dimming Function is available - can be adjusted by normal switch to 100%, 75%, 50%, 25% brightness
- Plug and go, no need to warm up
- Low power consumption and high intensity
- Environmental friendly: without mercury, Ultraviolet(UV) and infra-red light
- Low maintenance cost, quality materials providing 35,000 hours using lifetime (10 hours per day)

APPLICATIONS

- Office lighting
- Shop lighting / Supermarket lighting
- Shelf / Furniture lighting
- Factory lighting
- Commercial fascia lighting
- Parking area lighting
- Home lighting

DIMENSIONAL DRAWING



CHARACTERISTICS AND SPECIFICATIONS

ENVIRONMENTAL PROPERTIES (MIN. & MAX. RATING)			MECHANICAL PROPERTIES	
Parameter	Rating	Unit	Parameter	
Operating Temperature	-35 ~ +50	°C	Housing	Polycarbonate
Storage Temperature	-40 ~ +60	°C	Cover	Aluminum
Lifetime	35000	Hour	Lamp Base	G13, Bi-Pin



TECHNICAL DATA

MODEL CODE	POWER(W)	NO. OF LEDs	LUMINOUS (lm) ±10%	Colour	CCT(K)	CRI	RADIANCE ANGLE	VOLTAGE (V AC)
LM-T8W04-DX	4W [1ft.]	40	170	Warm White	3000K	>75	>160°	220-240VAC 50/60Hz
LM-T8C04-DX			230	Cool White	>5500K	>65		
LM-T8W06-DX	6W [1ft.]	80	300	Warm White	3000K	>75		
LM-T8C06-DX			450	Cool White	>5500K	>65		
LM-T8W08-DX	8W [2ft.]	80	420	Warm White	3000K	>75		
LM-T8C08-DX			550	Cool White	>5500K	>65		
LM-T8W12-DX	12W [2ft.]	120	650	Warm White	3000K	>75		
LM-T8C12-DX			950	Cool White	>5500K	>65		
LM-T8W11-DX	11W [3ft.]	160	580	Warm White	3000K	>75		
LM-T8C11-DX			850	Cool White	>5500K	>65		
LM-T8W18-DX	18W [3ft.]	200	1000	Warm White	3000K	>75		
LM-T8C18-DX			1400	Cool White	>5500K	>65		
LM-T8W15-DX	15W [4ft.]	160	800	Warm White	3000K	>75		
LM-T8C15-DX			1100	Cool White	>5500K	>65		
LM-T8W23-DX	23W [4ft.]	320	1280	Warm White	3000K	>75		
LM-T8C23-DX			1750	Cool White	>5500K	>65		

* X = D1/D2, D1=120V, D2=230V

OPTICAL PROPERTIES

LM-T8W04-DN

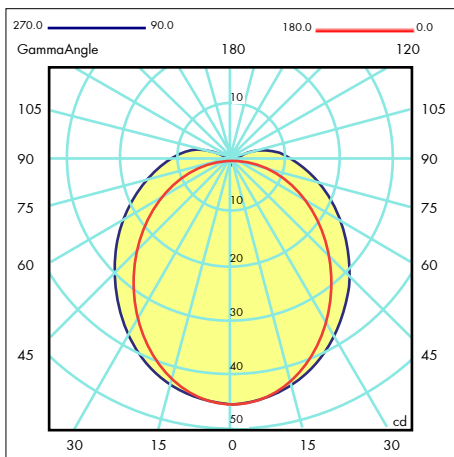


Fig.1 Polar Coordinates

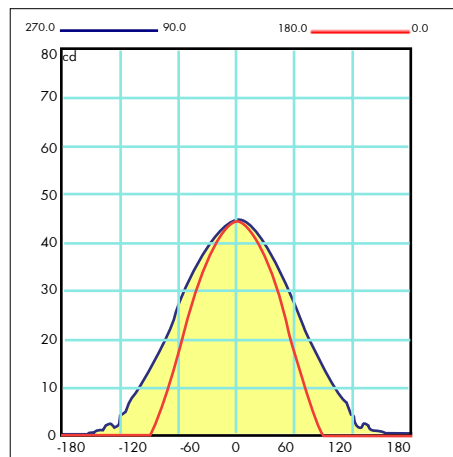


Fig.2 Cartesian Coordinates

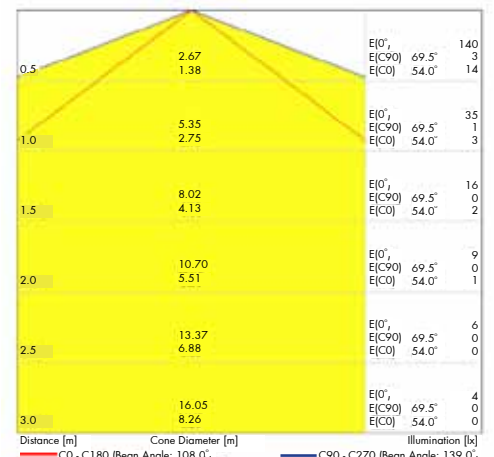


Fig.3 Illumination/Distance

OPTICAL PROPERTIES(CON'T)

LM-T8C04-DN

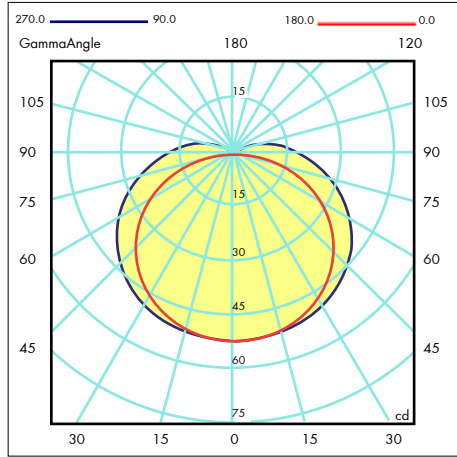


Fig.1 Polar Coordinates

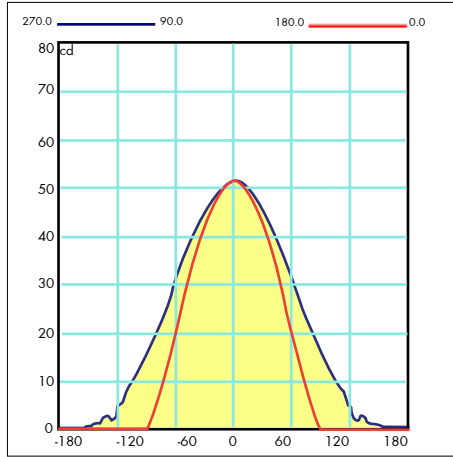


Fig.2 Cartesian Coordinates

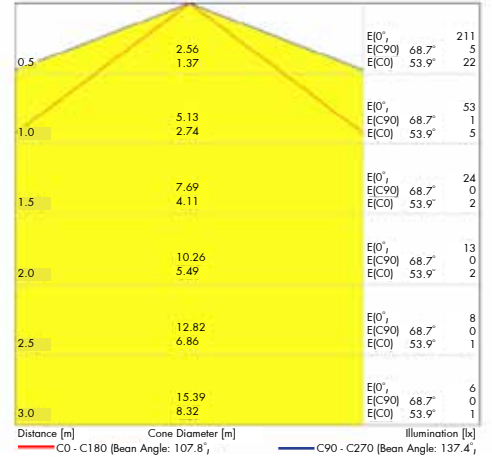


Fig.3 Illumination/Distance

LM-T8W06-DN

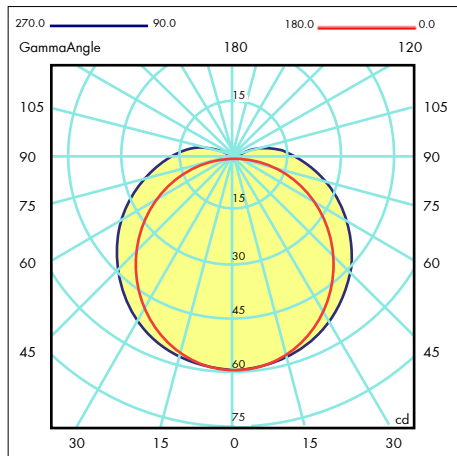


Fig.1 Polar Coordinates

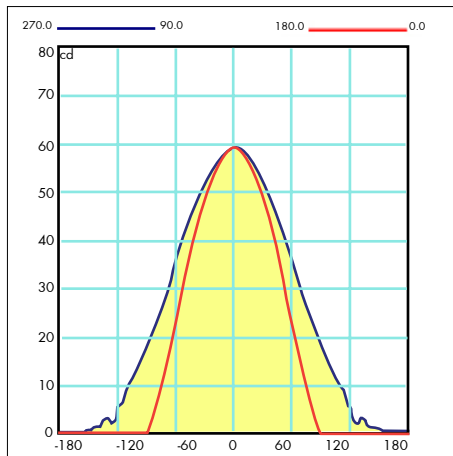


Fig.2 Cartesian Coordinates

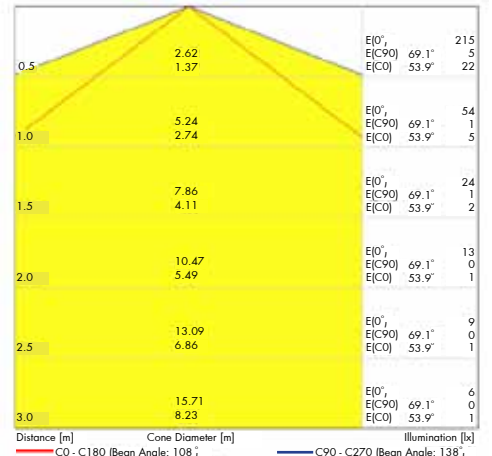


Fig.3 Illumination/Distance

LM-T8C06-DN

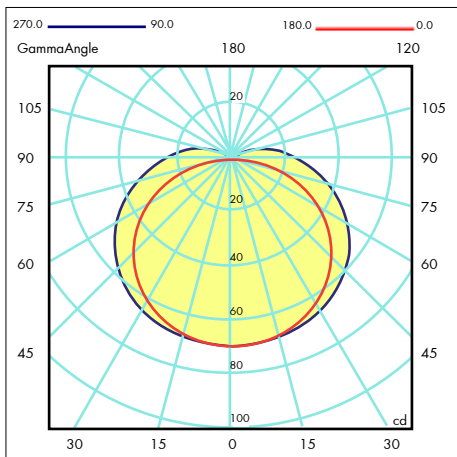


Fig.1 Polar Coordinates

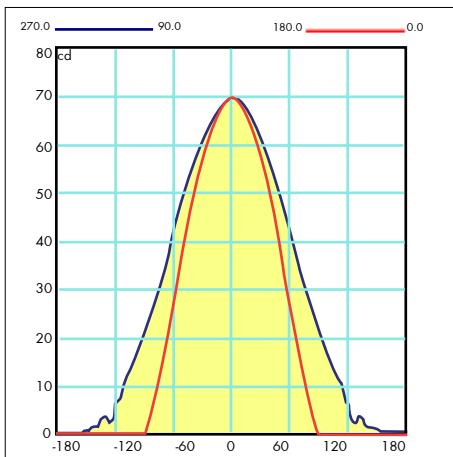


Fig.2 Cartesian Coordinates

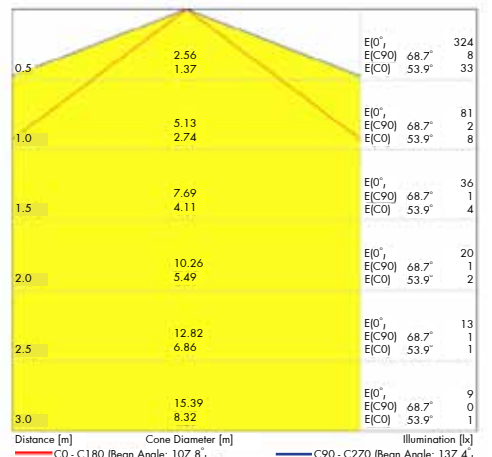


Fig.3 Illumination/Distance

OPTICAL PROPERTIES(CON'T)

LM-T8W08-DN

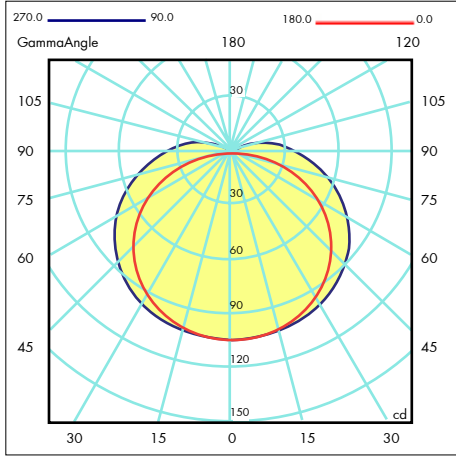


Fig.1 Polar Coordinates

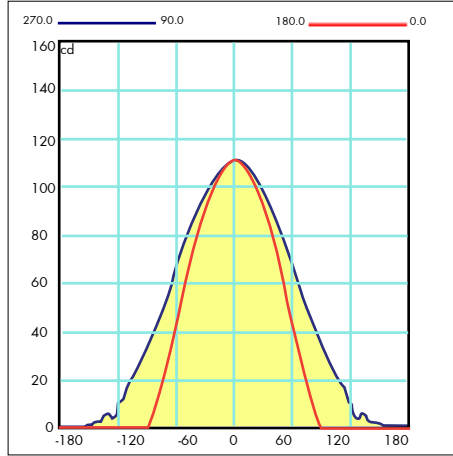


Fig.2 Cartesian Coordinates

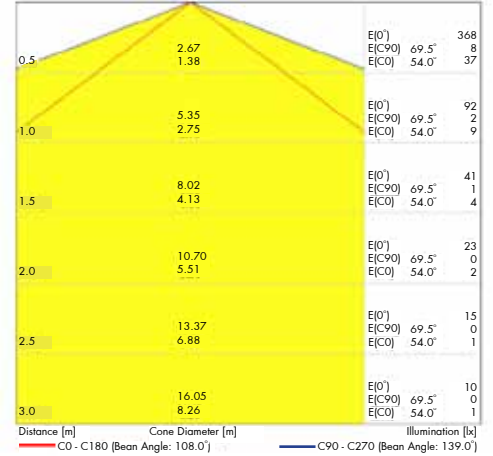


Fig.3 Illumination/Distance

LM-T8C08-DN

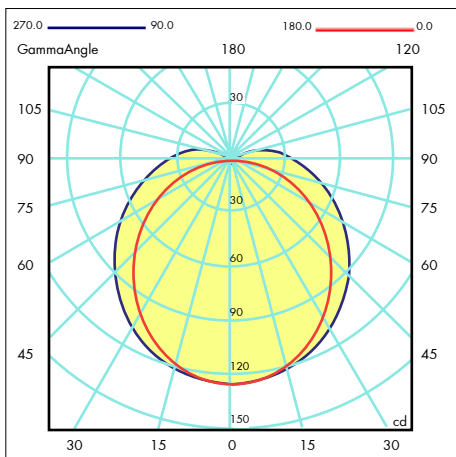


Fig.1 Polar Coordinates

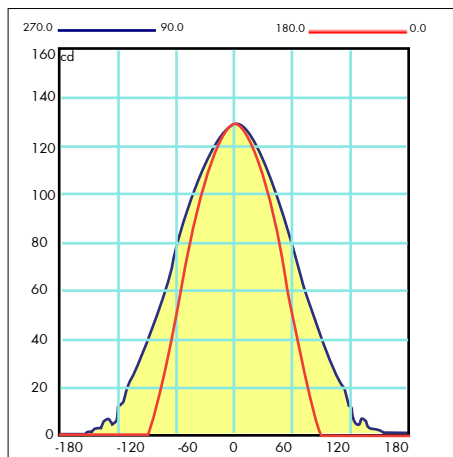


Fig.2 Cartesian Coordinates

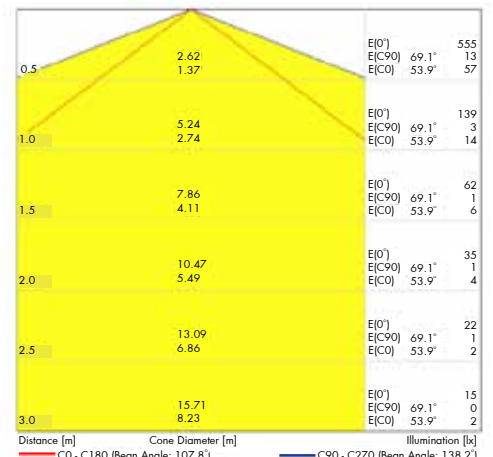


Fig.3 Illumination/Distance

LM-T8W12-DN

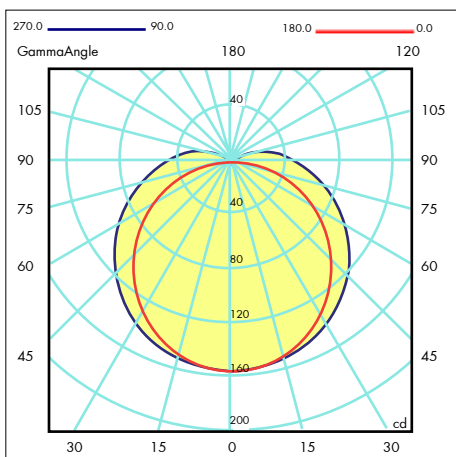


Fig.1 Polar Coordinates

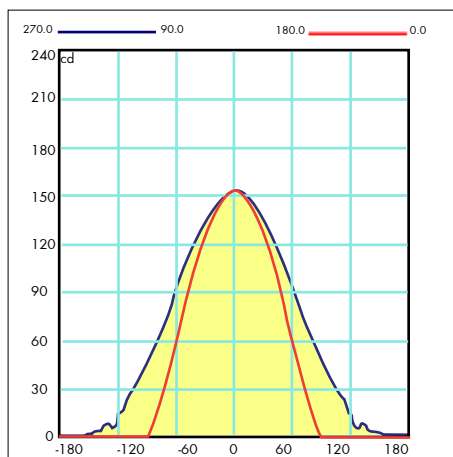


Fig.2 Cartesian Coordinates

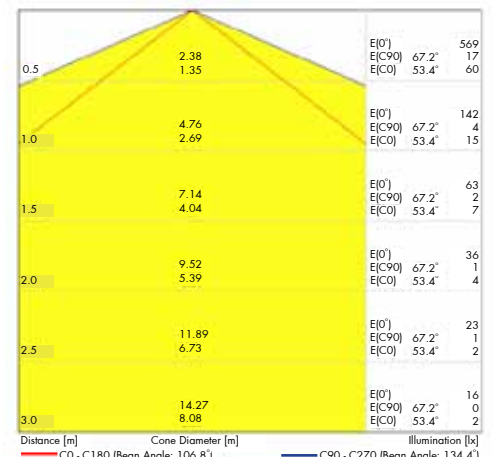


Fig.3 Illumination/Distance

OPTICAL PROPERTIES(CON'T)

LM-T8C12-DN

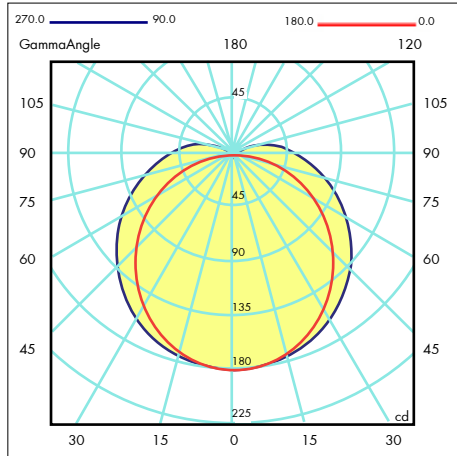


Fig.1 Polar Coordinates

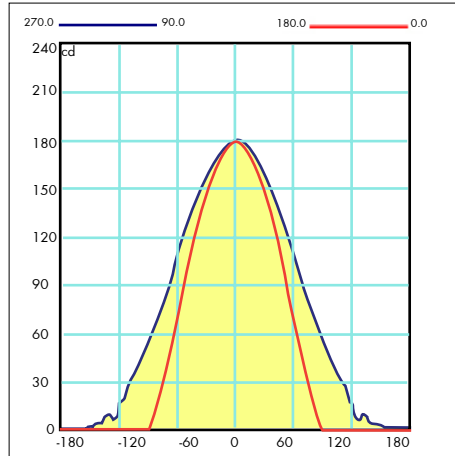


Fig.2 Cartesian Coordinates

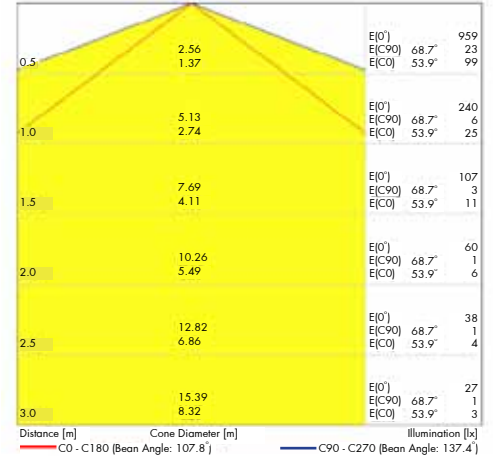


Fig.3 Illumination/Distance

LM-T8W11-DN

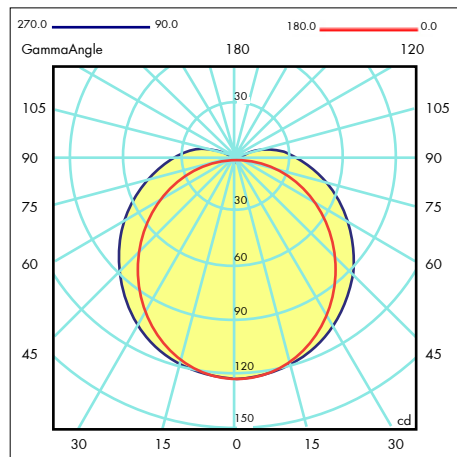


Fig.1 Polar Coordinates

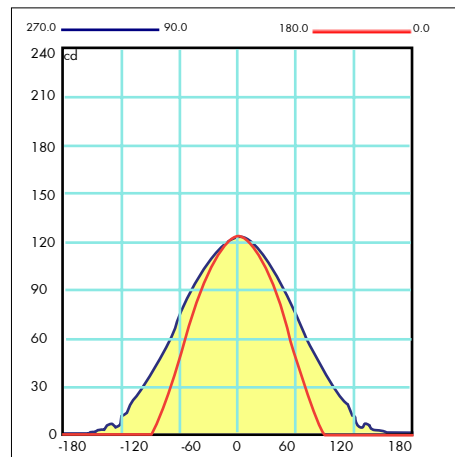


Fig.2 Cartesian Coordinates

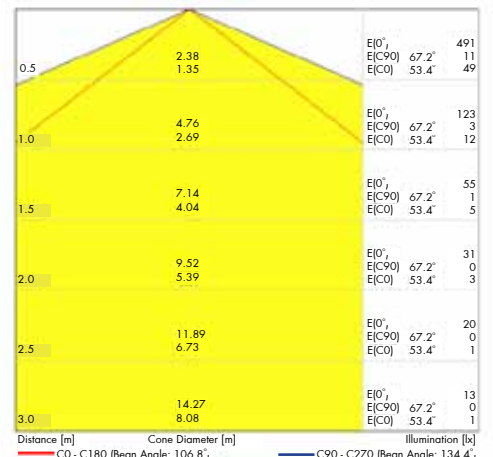


Fig.3 Illumination/Distance

LM-T8C11-DN

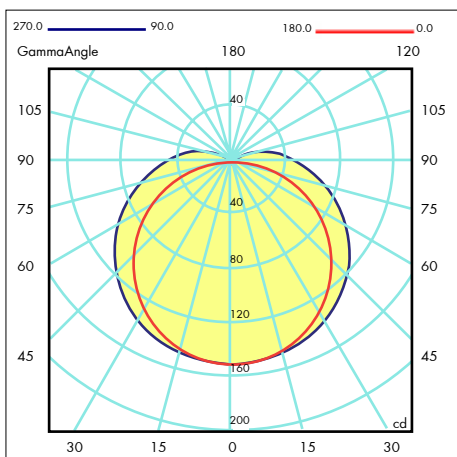


Fig.1 Polar Coordinates

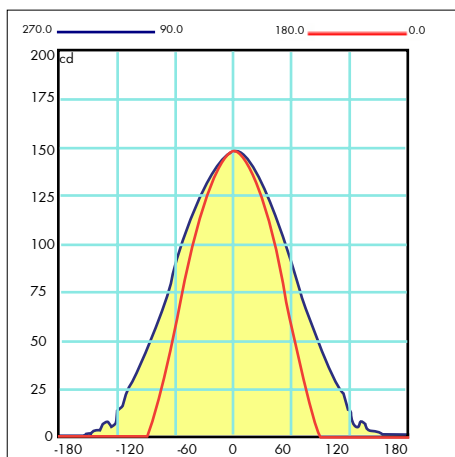


Fig.2 Cartesian Coordinates

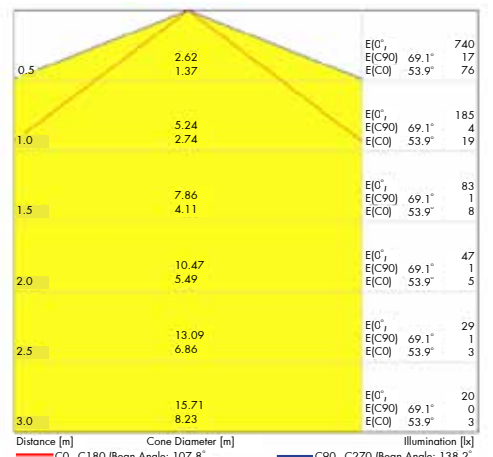


Fig.3 Illumination/Distance

OPTICAL PROPERTIES(CON'T)

LM-T8W18-DN

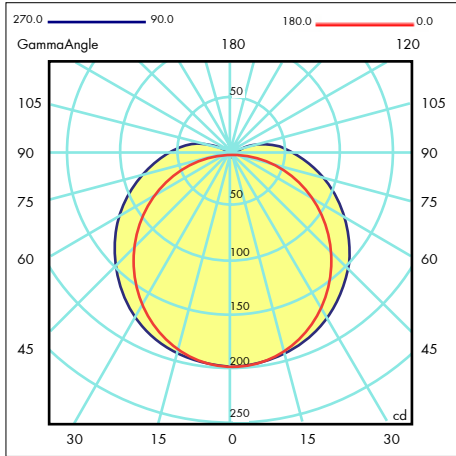


Fig.1 Polar Coordinates

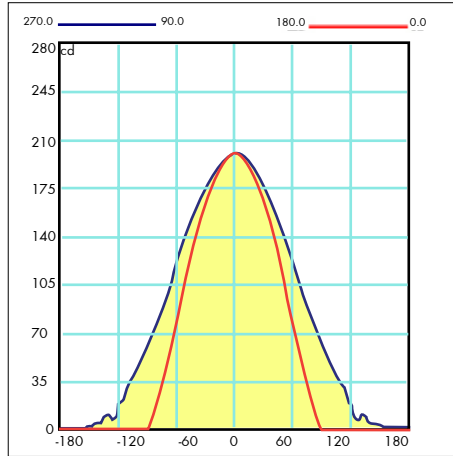


Fig.2 Cartesian Coordinates

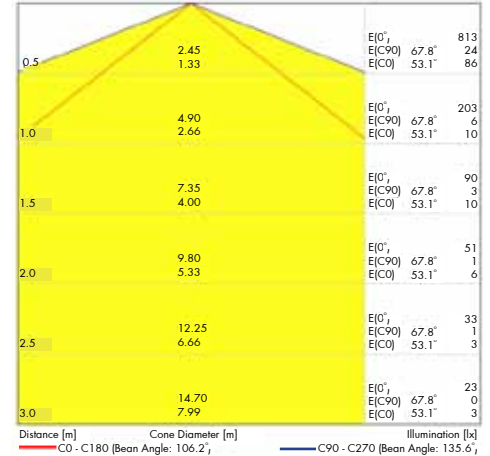


Fig.3 Illumination/Distance

LM-T8C18-DN

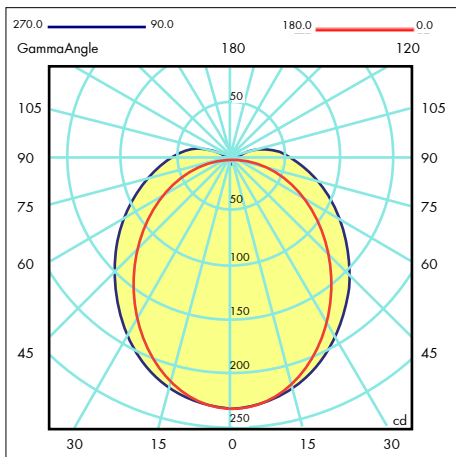


Fig.1 Polar Coordinates

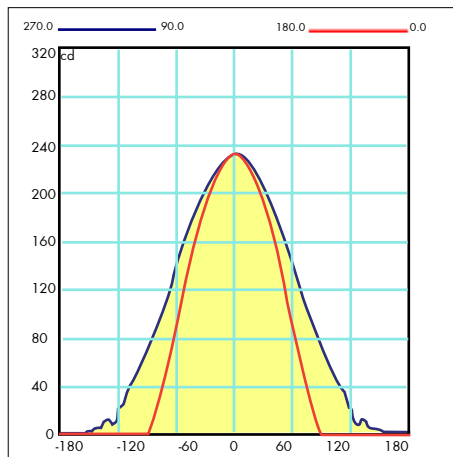


Fig.2 Cartesian Coordinates

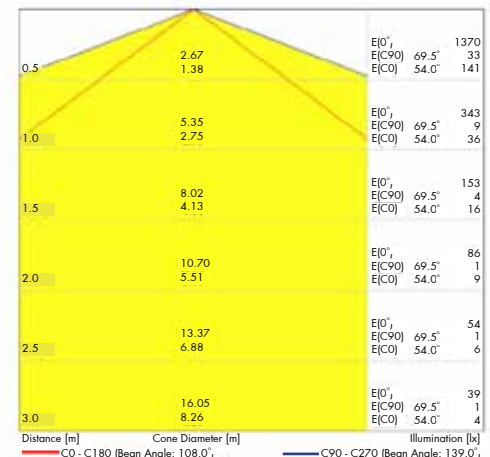


Fig.3 Illumination/Distance

LM-T8W15-DN

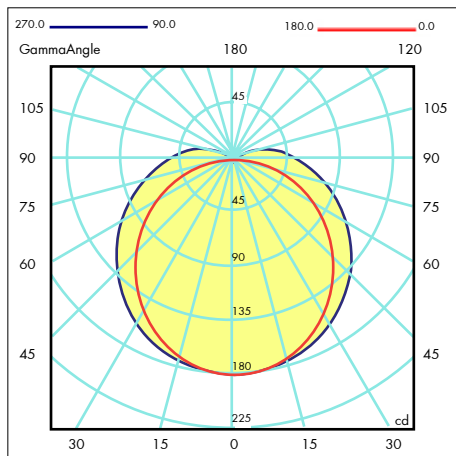


Fig.1 Polar Coordinates

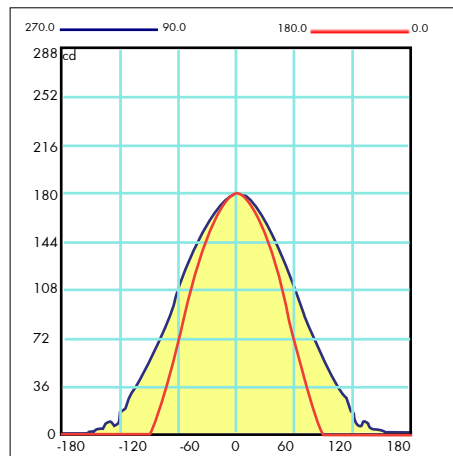


Fig.2 Cartesian Coordinates

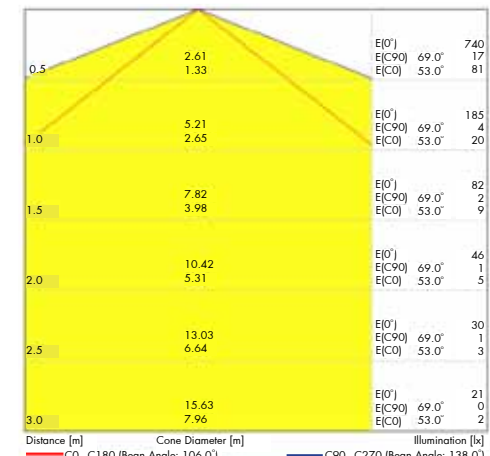


Fig.3 Illumination/Distance

OPTICAL PROPERTIES(CON'T)

LM-T8C15-DN

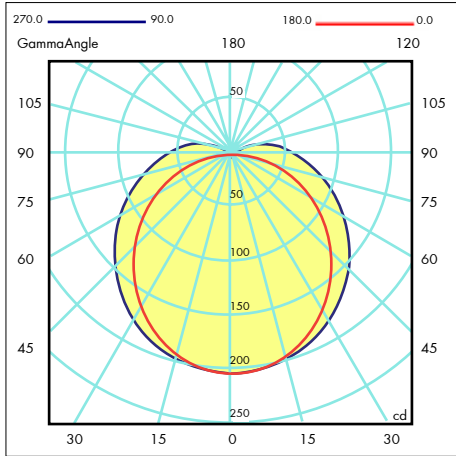


Fig.1 Polar Coordinates

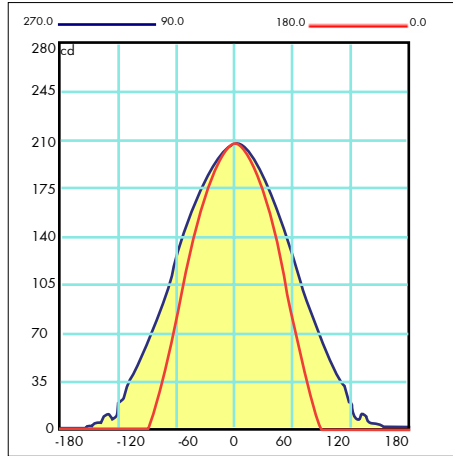


Fig.2 Cartesian Coordinates

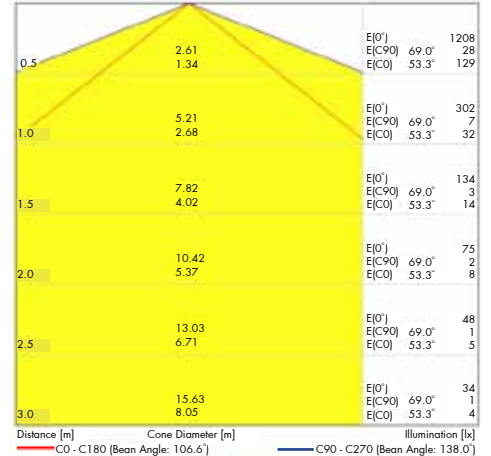


Fig.3 Illumination/Distance

LM-T8W23-DN

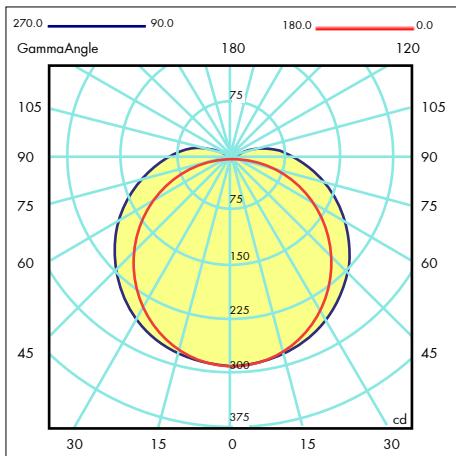


Fig.1 Polar Coordinates

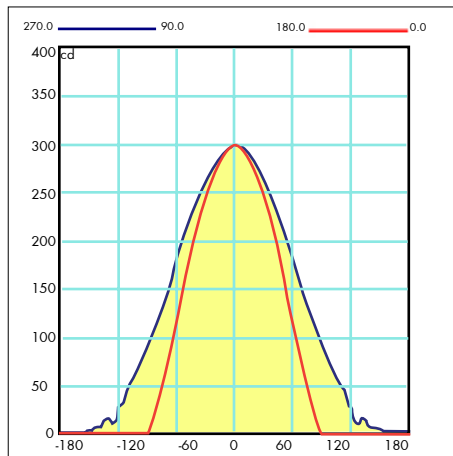


Fig.2 Cartesian Coordinates

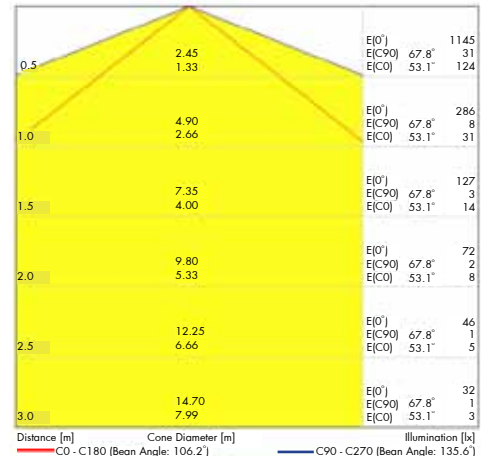


Fig.3 Illumination/Distance

LM-T8C23-DN

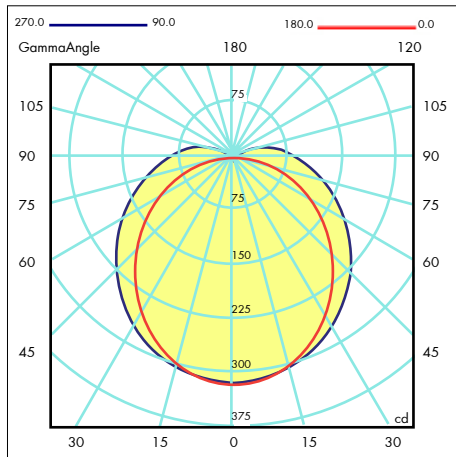


Fig.1 Polar Coordinates

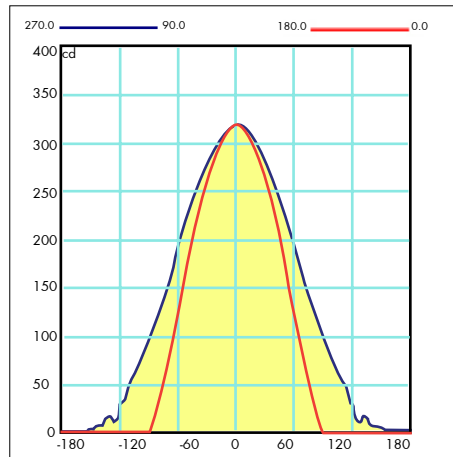


Fig.2 Cartesian Coordinates

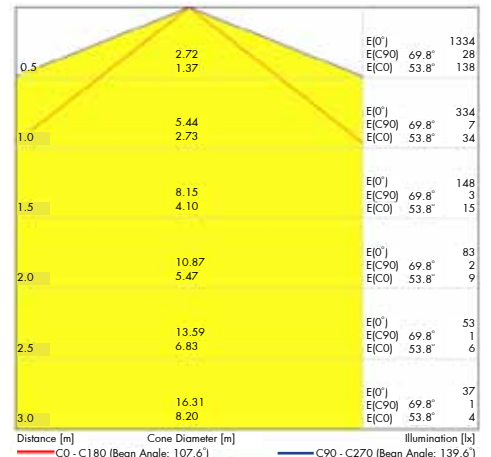


Fig.3 Illumination/Distance

OPTICAL PROPERTIES(CON'T)

LM-T8W19-DN

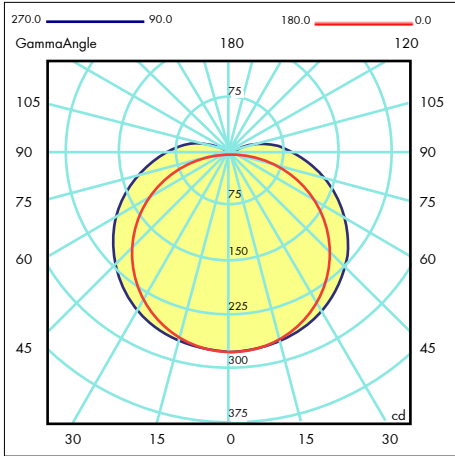


Fig.1 Polar Coordinates

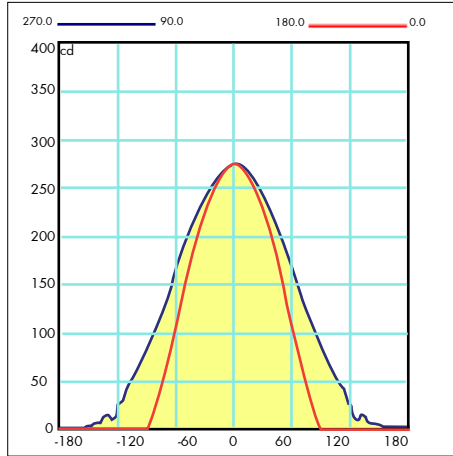


Fig.2 Cartesian Coordinates

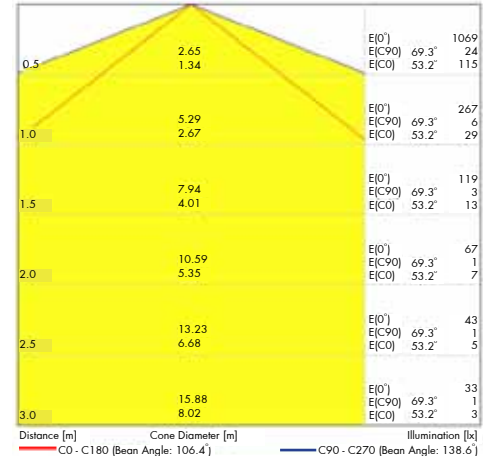


Fig.3 Illumination/Distance

LM-T8C19-DN

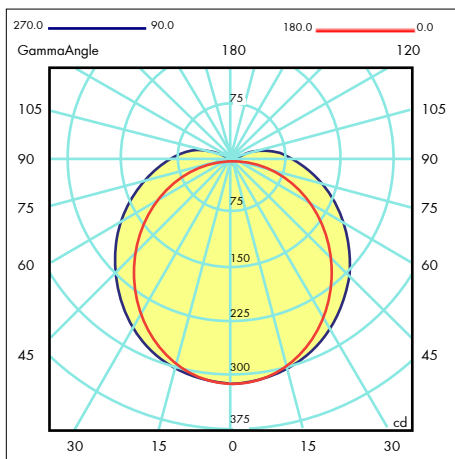


Fig.1 Polar Coordinates

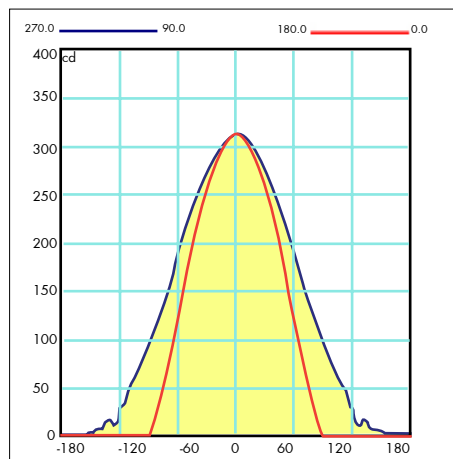


Fig.2 Cartesian Coordinates

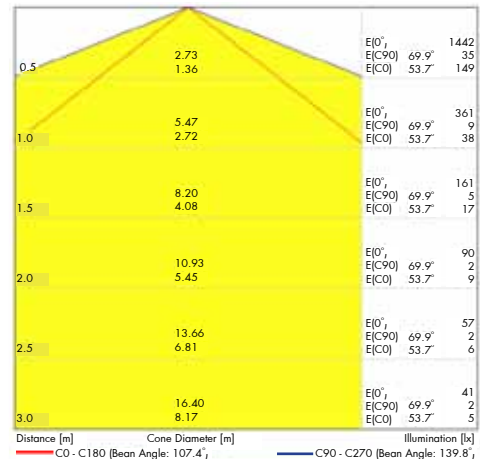


Fig.3 Illumination/Distance

LM-T8W30-DN

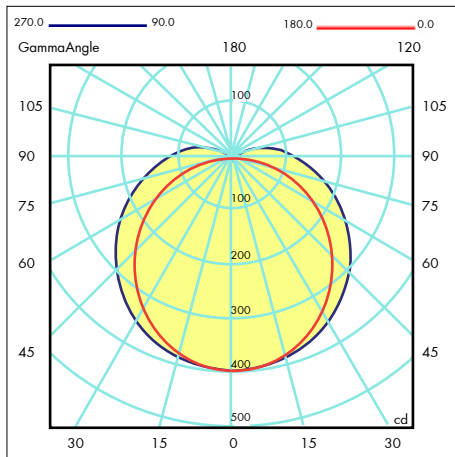


Fig.1 Polar Coordinates

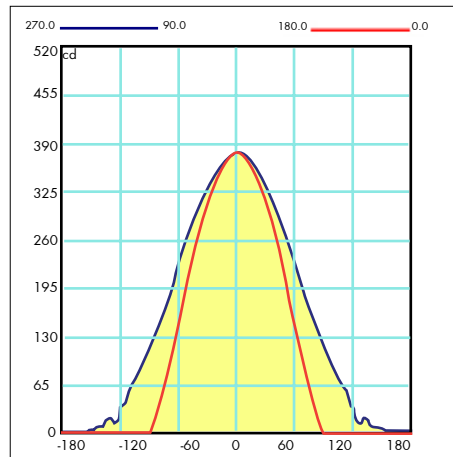


Fig.2 Cartesian Coordinates

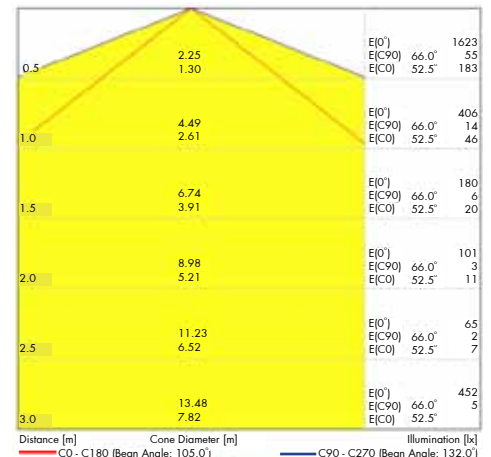


Fig.3 Illumination/Distance

OPTICAL PROPERTIES(CON'T)

LM-T8C30-DN

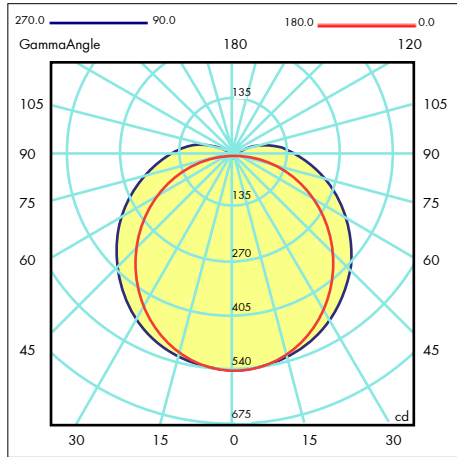


Fig.1 Polar Coordinates

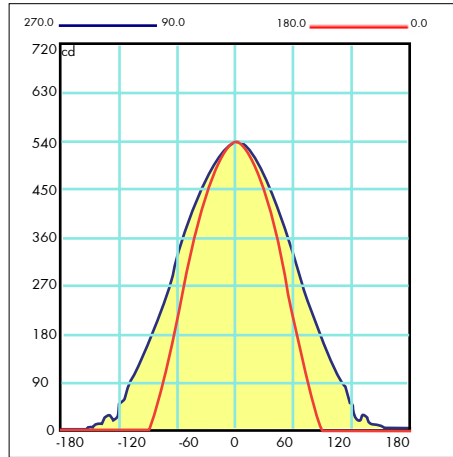


Fig.2 Cartesian Coordinates

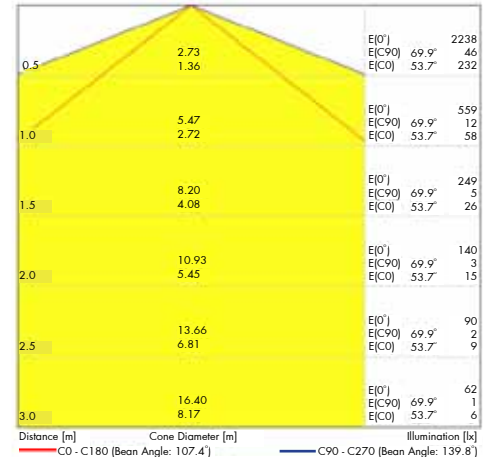
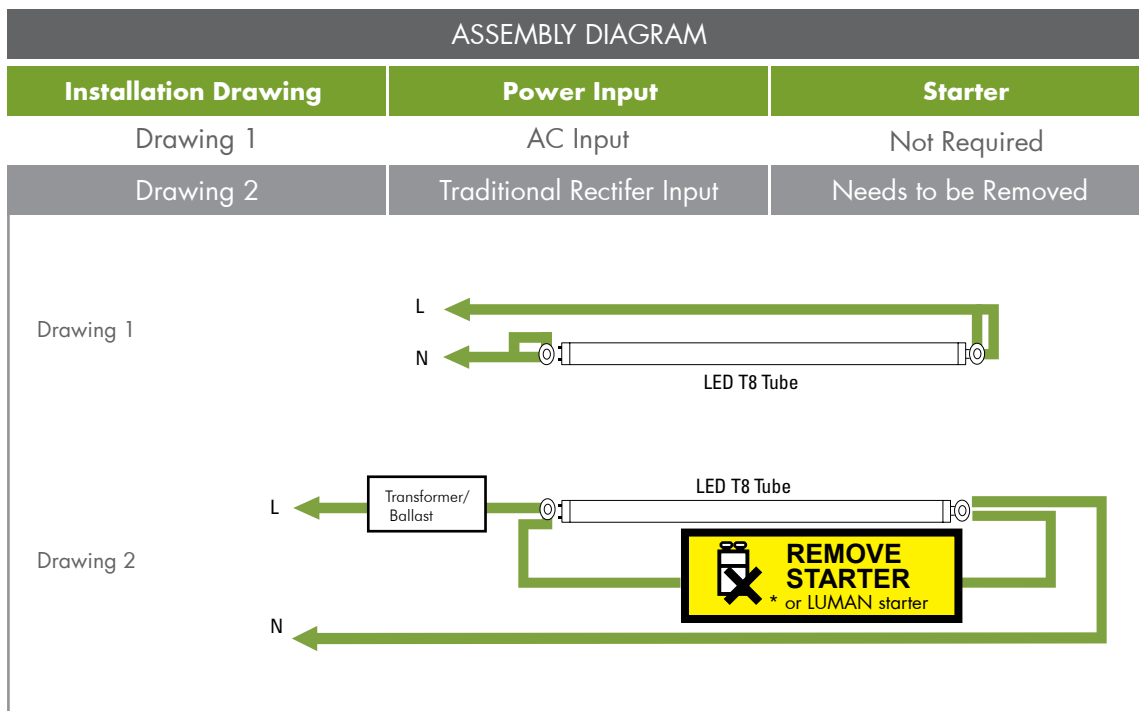


Fig.3 Illumination/Distance

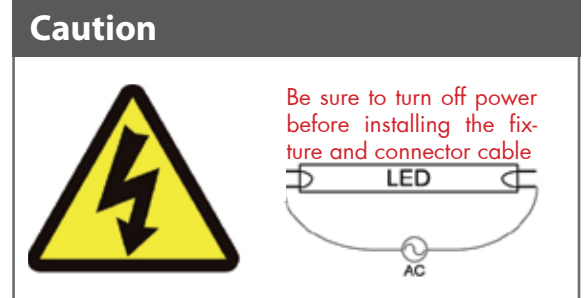
INSTALLATION GUIDE/INSTRUCTIONS

- The T8 tube housing provides adequate protection for the chips within under standard operation parameters. For harsher operational requirements, an extensive contact with a plastic tube without air gaps or sufficient airflow option is also available.
- Please do not attempt to fit the tube into non-standard holders or connectors which are not designed for the specific tube, recommended use with standard T8 tube connectors only.



SAFETY INFORMATION

- Please ensure that the tubes are not mechanically stressed, bent, twisted or buckled to prevent damage
- Do not damage, remove or bend the conducting bi-pin/contact pin on either ends of the T8 tubes
- Installation of T8 tubes should only be undertaken by qualified personnel, electrical safety standards needs to be observed, no unqualified personnel should attempt to undertake the installation
- Serial connections are not recommended. Unbalanced voltage drop can cause hazardous overload and damage the T8 tubes
- The T8 tubes are not designed for disassembly by user
- Recommended AC input power ranged: 220-240 VAC, 100-120VAC

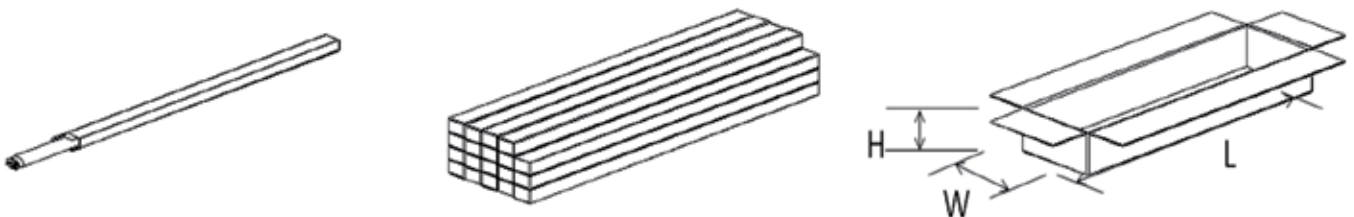


PACKAGING GUIDELINES

ORDERING GUIDELINE

Carton Dimensions (Length x Width x Height)	Product Group	Model Code	Quantity per Carton
2 Feet (L)620mm x (W)30mm x (H)30mm	T8 Light Tube	LM-T8XXX-XX	20 pcs
4 Feet (L)1230mm x (W)30mm x (H)30mm			

*2 Feet Box Gross Weight: 0.2 kg per/tube
 *4 Feet Box Gross Weight: 0.32 kg per/tube



SALES AND TECHNICAL SUPPORT

LUMAN LIGHTING LTD.

[HONG KONG OFFICE] Address: Unit 709, Lakeside 2, Phase Two, No. 10 Science Park West Avenue, Hong Kong
 Science Park, Shatin, New Territories, Hong Kong

Telephone: 852-39098600
 Fax: 852-39098601
 Email: info@lumanlighting.com
 Website: www.lumanlighting.com