



## Professional T8 LED Tube Lighting




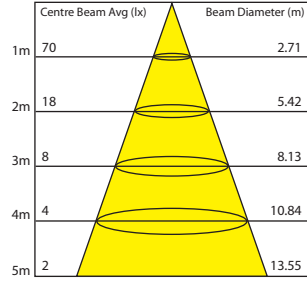
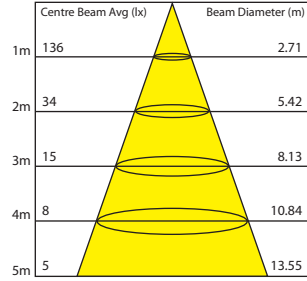
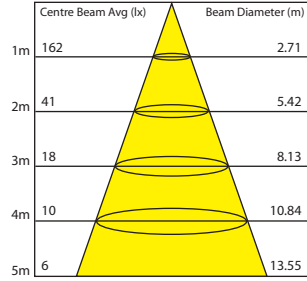
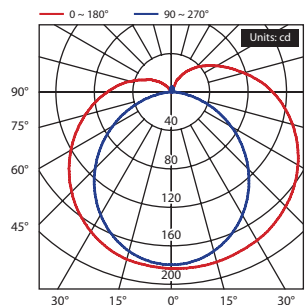
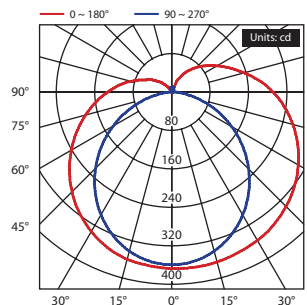
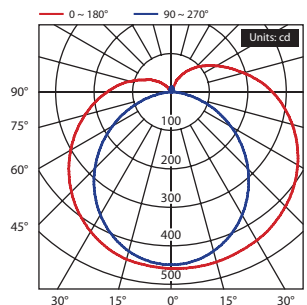
LTU-A Series: High performance LED tubes in 600mm, 1200mm and 1500mm models

The ENSA™ LED tube light series is designed to reduce your fluorescent tube lighting costs by a minimum of 50% and are available in 600mm (2ft), 1200mm (4ft) and 1500mm (5ft) lengths. LTU-A series tubes are more than just energy efficient options to conventional fluorescents. They also deliver better quality & longer lasting light with no UV, they do not require a magnetic or electronic ballast, they turn on/off instantly with no warm up period, they do not fade or flicker, and are 100% recyclable with no mercury or toxic materials.

Each tube features an AC input at one end only and is supplied with an LED starter to replace fluorescent tube fuses.

- Cut your energy use in half by switching to LED tubes.
- High luminous efficacy for optimal return on investment.
- Long lifespan LED lighting: rated for up to 50,000 hours.
- Retrofit or replace: ideal for carparks, offices and more.
- Polycarbonate for low risk of shock (standard model only).
- Supplied with replacement LED starter.

## Series Specifications

Model	LTU-A9	LTU-A18	LTU-A22																																																						
Product Image																																																									
Series Name	LTU-A Series T8 LED Tube Lights																																																								
<b>Optical</b>																																																									
Light Output	900lm	1800lm	2200lm																																																						
Luminous Efficacy	100lm/W																																																								
Colour Temperature	6000K																																																								
Colour Rendering Index	> 80																																																								
Beam Angle	140°																																																								
Light Decay	< 3% at 6,000 hours																																																								
Rated Lifespan	> 50,000 hours																																																								
<b>Electrical</b>																																																									
Power Consumption	9W	18W	22W																																																						
Input Voltage	100 ~ 240VAC																																																								
Power Factor	> 0.9																																																								
Dimmable	N/A																																																								
<b>Detection</b>																																																									
Motion Detection	N/A																																																								
On-Time Delay	N/A																																																								
Standby Light Modes	N/A																																																								
<b>General</b>																																																									
Plug / Socket / Base	T8 size / G13 base																																																								
Reflector / Diffuser	Frosted diffuser																																																								
Housing Construction	Polycarbonate																																																								
Operating Environment	-35° ~ 55°C																																																								
Dimensions	Ø26 x 588mm	Ø26 x 1198mm	Ø26 x 1498mm																																																						
<b>Photometry</b>																																																									
Illuminance at a Distance	 <table border="1"> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1m</td><td>70</td><td>2.71</td></tr> <tr><td>2m</td><td>18</td><td>5.42</td></tr> <tr><td>3m</td><td>8</td><td>8.13</td></tr> <tr><td>4m</td><td>4</td><td>10.84</td></tr> <tr><td>5m</td><td>2</td><td>13.55</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	70	2.71	2m	18	5.42	3m	8	8.13	4m	4	10.84	5m	2	13.55	 <table border="1"> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1m</td><td>136</td><td>2.71</td></tr> <tr><td>2m</td><td>34</td><td>5.42</td></tr> <tr><td>3m</td><td>15</td><td>8.13</td></tr> <tr><td>4m</td><td>8</td><td>10.84</td></tr> <tr><td>5m</td><td>5</td><td>13.55</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	136	2.71	2m	34	5.42	3m	15	8.13	4m	8	10.84	5m	5	13.55	 <table border="1"> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1m</td><td>162</td><td>2.71</td></tr> <tr><td>2m</td><td>41</td><td>5.42</td></tr> <tr><td>3m</td><td>18</td><td>8.13</td></tr> <tr><td>4m</td><td>10</td><td>10.84</td></tr> <tr><td>5m</td><td>6</td><td>13.55</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	162	2.71	2m	41	5.42	3m	18	8.13	4m	10	10.84	5m	6	13.55
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Luminous Light Distribution																																																									

## Ordering Information

Type	Series	Wattage	Colour Temperature
LTU	-	A	9 (9W) 18 (18W) 22 (22W)
		-	CW (Cool white)
LTU-A18-CW: 18W LED Tube Light in Cool White			