

## LOW GLARE LINEAR LED FIXTURE

### CELL-XT Series

CELL-XT series LED linear lights provide highly comfortable lighting with UGR <16, distributing the light into the room without the light source being visible on most viewing angles.

They are light weight and thin profile. They are produced in various length and power versions as well as in 8 light beam versions, in 16°, 22° and 29° spot versions , in wide beam of 46°, 48° και 60°, suitable for work environments as well as wallwashing versions.

Their performance exceeds 181 lm / W and has a luminous flux reaching 49536 lm.

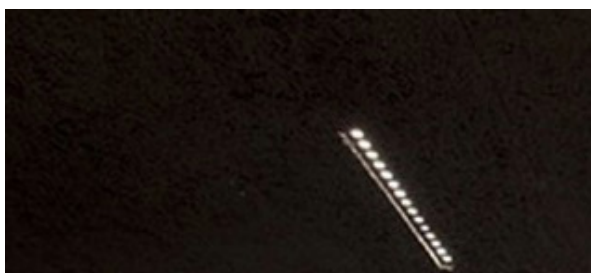
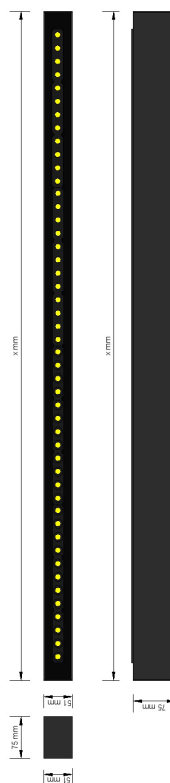
Upon selection, they have the option of dimming and emergency lighting for up to 3 hours.

They have a maintenance factor of L80B10> 80000 hours of operation.

The CELL-XT series have a factory warranty of 5 years.



### Dimensions



Manufactured in Greece



### Pros

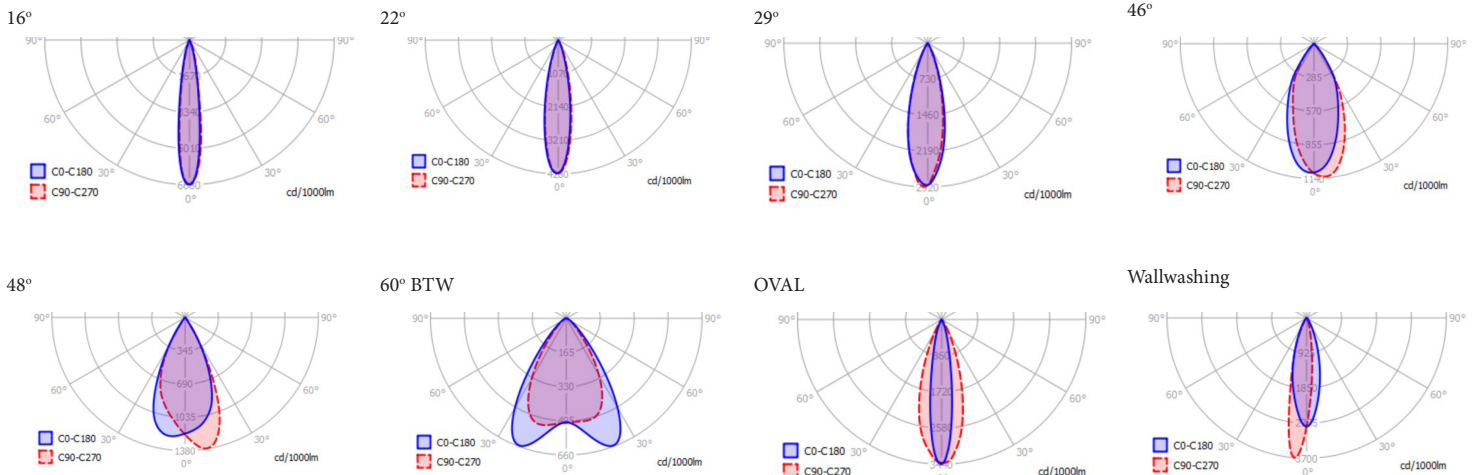
- Low working temperature
- It produces little heat compared to other types of lighting
- Requires no maintenance
- Long life - 5 years warranty
- Easy installation
- High reliability
- Excellent performance with low power consumption
- High brightness
- High color rendering
- Instant start - immediate termination
- It does not emit UV or IR radiation
- Does not contain mercury
- Resistance to shock and vibration

| Type                | CELL-XT  |
|---------------------|--|
| Luminous Flux       | 2661 lm - 49536lm  |
| Power               | 22W - 303W   |
| Ambient Temperature | -30 °C - + 50 °C   |
| Efficacy            | 109 - 181 lm/W   |
| Power Factor        | 0,95   |
| CRI                 | 82 - 92  |
| CCT                 | 2700K - 5000K  |
| UGR Rating          | <16  |
| IP Rating           | IP43   |
| Body                | Aluminium  |
| Dimensions          | 71mm x 75mm x (1200 - 3600)mm  |
| Weight              | 2.6 - 5.8 Kg   |
| Finishing           | Black or any RAL   |
| Warranty            | 5 years  |
| Compliances:        | EN 60598-1:2008 +A11:2009<br>EN 60598-2-2<br>EN 50581<br>EN 61000-3-2:2006 + A1:2009 + A2:2009<br>EN 61547:2009<br>EN 55015:2006 + A1:2007 +A2:2009<br>EN 61000-3-3:2008<br>EN 62471:2008<br>IEC 62778<br>EN 62493:2010<br>2011/65/EC (Rohs)<br>2009/125/EC (EuP)<br>2006/95/EC (LVD)<br>2004/108/EC (EMC)<br>2009/125/EC (EuP)<br>2006/95/EC (LVD)<br>2004/108/EC (EMC) |

| CELL-XT Versions    |                     |      |     |       |      |  |
|---------------------|---------------------|------|-----|-------|------|--|
| Watt                | Code                | CCT  | CRI | Lumen | Lm/W |  |
| <b>120cm - 101W</b> | CELL-XT-120-827-101 | 2700 | 82  | 14400 | 143  |  |
|                     | CELL-XT-120-830-101 | 3000 | 82  | 14400 | 143  |  |
|                     | CELL-XT-120-840-101 | 4000 | 82  | 15408 | 152  |  |
|                     | CELL-XT-120-850-101 | 5000 | 82  | 16512 | 165  |  |
|                     | CELL-XT-120-927-101 | 2700 | 92  | 11040 | 109  |  |
| <b>120cm - 51W</b>  | CELL-XT-120-827-51  | 2700 | 82  | 7776  | 152  |  |
|                     | CELL-XT-120-830-51  | 3000 | 82  | 7776  | 152  |  |
|                     | CELL-XT-120-840-51  | 4000 | 82  | 8320  | 163  |  |
|                     | CELL-XT-120-850-51  | 5000 | 82  | 8916  | 175  |  |
|                     | CELL-XT-120-927-51  | 2700 | 92  | 5962  | 117  |  |
| <b>120cm - 36W</b>  | CELL-XT-120-827-36  | 2700 | 82  | 5760  | 160  |  |
|                     | CELL-XT-120-830-36  | 3000 | 82  | 5760  | 160  |  |
|                     | CELL-XT-120-840-36  | 4000 | 82  | 6320  | 170  |  |
|                     | CELL-XT-120-850-36  | 5000 | 82  | 6605  | 183  |  |
|                     | CELL-XT-120-927-36  | 2700 | 92  | 4416  | 123  |  |
| <b>120cm - 22W</b>  | CELL-XT-120-827-22  | 2700 | 82  | 3470  | 157  |  |
|                     | CELL-XT-120-830-22  | 3000 | 82  | 3470  | 157  |  |
|                     | CELL-XT-120-840-22  | 4000 | 82  | 3713  | 168  |  |
|                     | CELL-XT-120-850-22  | 5000 | 82  | 3980  | 181  |  |
|                     | CELL-XT-120-927-22  | 2700 | 92  | 2661  | 121  |  |
| <b>240cm - 202W</b> | CELL-XT-240-827-202 | 2700 | 82  | 28800 | 143  |  |
|                     | CELL-XT-240-830-202 | 3000 | 82  | 28800 | 143  |  |
|                     | CELL-XT-240-840-202 | 4000 | 82  | 30816 | 152  |  |
|                     | CELL-XT-240-850-202 | 5000 | 82  | 33024 | 165  |  |
|                     | CELL-XT-240-927-202 | 2700 | 92  | 22080 | 109  |  |
| <b>240cm - 102W</b> | CELL-XT-240-827-102 | 2700 | 82  | 15552 | 152  |  |
|                     | CELL-XT-240-830-102 | 3000 | 82  | 15552 | 152  |  |
|                     | CELL-XT-240-840-102 | 4000 | 82  | 16640 | 163  |  |
|                     | CELL-XT-240-850-102 | 5000 | 82  | 17832 | 175  |  |
|                     | CELL-XT-240-927-102 | 2700 | 92  | 11924 | 117  |  |
| <b>240cm - 72W</b>  | CELL-XT-240-827-72  | 2700 | 82  | 11520 | 160  |  |
|                     | CELL-XT-240-830-72  | 3000 | 82  | 11520 | 160  |  |
|                     | CELL-XT-240-840-72  | 4000 | 82  | 12326 | 170  |  |
|                     | CELL-XT-240-850-72  | 5000 | 82  | 13210 | 183  |  |
|                     | CELL-XT-240-927-72  | 2700 | 92  | 8832  | 123  |  |
| <b>240cm - 44W</b>  | CELL-XT-240-827-44  | 2700 | 82  | 6940  | 157  |  |
|                     | CELL-XT-240-830-44  | 3000 | 82  | 6940  | 157  |  |
|                     | CELL-XT-240-840-44  | 4000 | 82  | 7426  | 168  |  |
|                     | CELL-XT-240-850-44  | 5000 | 82  | 7960  | 181  |  |
|                     | CELL-XT-240-927-44  | 2700 | 92  | 5322  | 121  |  |

| CELL-XT Versions    |                     |      |     |       |      |  |
|---------------------|---------------------|------|-----|-------|------|--|
| Watt                | Code                | CCT  | CRI | Lumen | Lm/W |  |
| <b>360cm - 303W</b> | CELL-XT-360-827-303 | 2700 | 82  | 43200 | 143  |  |
|                     | CELL-XT-360-830-303 | 3000 | 82  | 43200 | 143  |  |
|                     | CELL-XT-360-840-303 | 4000 | 82  | 46224 | 152  |  |
|                     | CELL-XT-360-850-303 | 5000 | 82  | 49536 | 165  |  |
|                     | CELL-XT-360-927-303 | 2700 | 92  | 33120 | 109  |  |
| <b>360cm - 153W</b> | CELL-XT-360-827-153 | 2700 | 82  | 23328 | 152  |  |
|                     | CELL-XT-360-830-153 | 3000 | 82  | 23328 | 152  |  |
|                     | CELL-XT-360-840-153 | 4000 | 82  | 24960 | 163  |  |
|                     | CELL-XT-360-850-153 | 5000 | 82  | 26748 | 175  |  |
|                     | CELL-XT-360-927-153 | 2700 | 92  | 17886 | 117  |  |
| <b>360cm - 108W</b> | CELL-XT-360-827-108 | 2700 | 82  | 17280 | 160  |  |
|                     | CELL-XT-360-830-108 | 3000 | 82  | 17280 | 160  |  |
|                     | CELL-XT-360-840-108 | 4000 | 82  | 18489 | 170  |  |
|                     | CELL-XT-360-850-108 | 5000 | 82  | 19815 | 183  |  |
|                     | CELL-XT-360-927-108 | 2700 | 92  | 13248 | 123  |  |
| <b>360cm - 66W</b>  | CELL-XT-360-827-66  | 2700 | 82  | 10410 | 157  |  |
|                     | CELL-XT-360-830-66  | 3000 | 82  | 10410 | 157  |  |
|                     | CELL-XT-360-840-66  | 4000 | 82  | 11139 | 168  |  |
|                     | CELL-XT-360-850-66  | 5000 | 82  | 11940 | 181  |  |
|                     | CELL-XT-360-927-66  | 2700 | 92  | 7983  | 121  |  |

## Polar Intensity Diagram



**AFOI TSIOLAKI OE**  
Industrial Zone of Thessaloniki  
Greece  
T: +302310 798 335  
F: +302310 799 868

e-mail: [info@techlumen.gr](mailto:info@techlumen.gr)  
[www.techlumen.gr](http://www.techlumen.gr)

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