



# CHI LED TUBE WEATHER PROOF



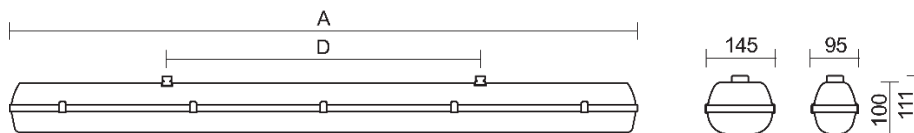
## GENERAL TECHNICAL DATA & WARRANTY INFORMATION

|                                     |   |
|-------------------------------------|---|
| <b>Typical applications:</b>        | <ul style="list-style-type: none"> <li>• Industrial indoor and outdoor applications</li> <li>• Parking garages</li> <li>• Workshop &amp; factories</li> <li>• Warehouses</li> <li>• Cold rooms</li> </ul> |
| <b>Light source:</b>                | LED Tube T5 or T8, single or double   |
| <b>Colour temperature:</b>          | Dependent on lamp use   |
| <b>Operating temperature range:</b> | -20°C to 35°C   |
| <b>Design life:</b>                 | 50 000 hours  |
| <b>IP Rating:</b>                   | IP66  |
| <b>Luminaire body:</b>              | UV stabilized, impact-resistant, grey polycarbonate (PC)  |
| <b>Reflector:</b>                   | White steel reflector   |
| <b>Luminaire clips:</b>             | <ul style="list-style-type: none"> <li>• PA (Nylon)</li> <li>• Stainless steel + PA (Nylon)*</li> </ul> [*Available on request]   |
| <b>Diffuser:</b>                    | Translucent UV stabilized, impact-resistant polycarbonate (PC)  |
| <b>Impact protection grade:</b>     | IK10  |
| <b>Mounting options:</b>            | <ul style="list-style-type: none"> <li>• Suspended</li> <li>• Surface mount</li> <li>• Stand-off wall mount</li> </ul>  |
| <b>Motion sensor:</b>               | Built-in Microwave sensor<br>[Available on request]   |
| <b>Emergency option:</b>            | <ul style="list-style-type: none"> <li>• 1hr</li> <li>• 3hr</li> </ul> [Available on request]   |
| <b>Power supply:</b>                | 220V to 240V AC 50/60 Hz  |
| <b>Power factor:</b>                | 0.98  |
| <b>Insulation classification:</b>   | Class 1   |
| <b>Weight:</b>                      | 0.8 kg – 2.5 kg   |
| <b>Compliance standard/s:</b>       | IEC / ENEC  |
| <b>Warranty:</b>                    | 5 year warranty<br>[This warranty only covers defects or malfunctions caused during the manufacturing process or premature component failures that occur under normal operating conditions]               |



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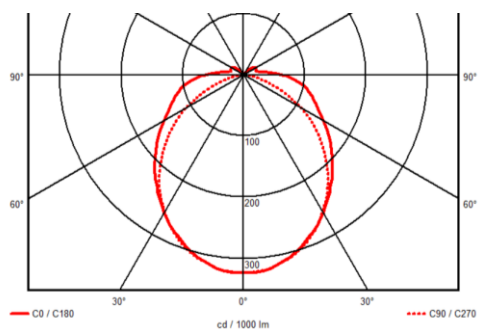
## DIMENSIONS



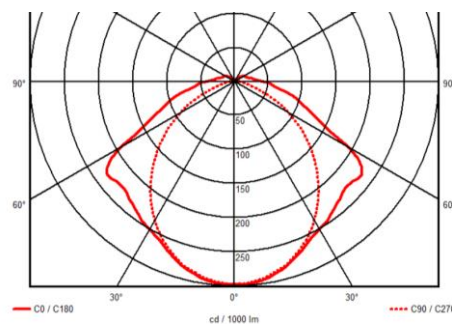
| Type | A    | D   |
|------|------|-----|
| 2 ft | 662  | 350 |
| 4 ft | 1272 | 700 |
| 5 ft | 1572 | 940 |

## TYPICAL LIGHT DISTRIBUTION

- POLAR DIAGRAM



Single Tube



Double Tube

- For best light distribution option please request a lighting design for specific application.



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## PRODUCT VARIATIONS & ORDERING CODES

| Typical Power Consumption (W) | Length (mm/Ft)<br>*3 | Width (mm) | No of tubes | Effective Lumen output *1 (lm) | Efficacy (lm/W)<br>*1 | Weight (Kg) |
|-------------------------------|----------------------|------------|-------------|--------------------------------|-----------------------|-------------|
| 8                             | 662/2                | 95         | 1           | 980                            | 123                   | 0.8         |
| 16                            |                      | 145        | 2           | 1950                           | 122                   | 1.1         |
| 16                            | 1272/4               | 95         | 1           | 2320                           | 145                   | 1.7         |
| 32                            |                      | 145        | 2           | 4650                           |                       | 2.1         |
| 20/24                         | 1572/5               | 95         | 1           | 2880/3440                      | 144/143               | 1.9         |
| 40/48                         |                      | 145        | 2           | 5770/6880                      |                       | 2.5         |

### KEY's & IMPORTANT NOTES

|  |
|--|
| (*1) Measurement precision for flux +/- 5%, for efficacy +/- 6%, for CRI +/- 1.5   |
| (*2) Lumen maintenance L80 = 80% of initial flux @ ta 35°C Max / 50 000hrs         |
| (*3) Total luminous flux of the light fitting with Philips MAS LEDtube ROT sources |

- **E.&O.E.** (errors and omissions excepted)
- **Important note:**  
Due to the rapid development in LED technology the performance values, power consumption and lumen output levels stated above are subject to change without prior notice.