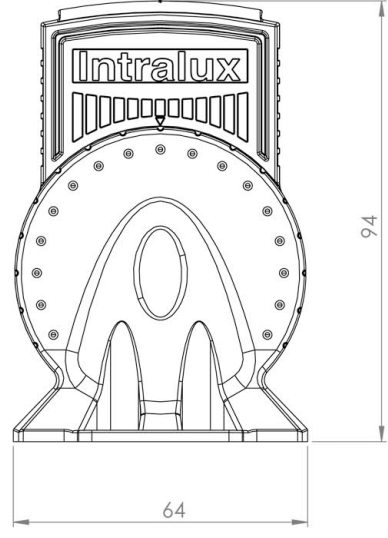
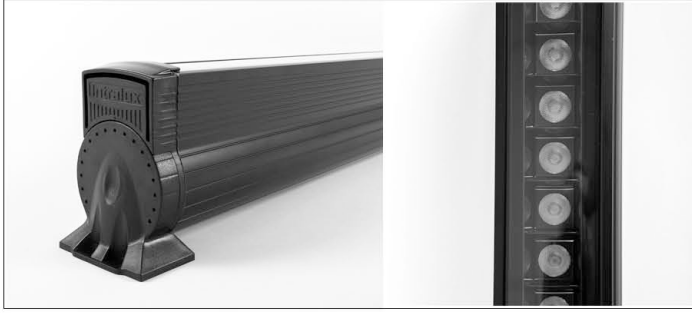




# COG LED 2.0 - EXTERIOR LINEAR SYSTEM

|         |              |      |           |   |
|---------|--------------|------|-----------|---|
| DATE    | October 2017 | CODE | CLED-T1-1 | B |
| PROJECT |              | TYPE |           |   |



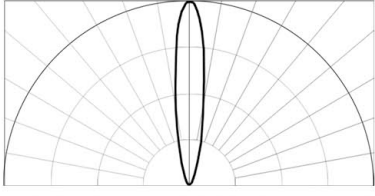
|  |                                |
|--|--------------------------------|
| LED Module Type                        | Nichia 757                     |
| Calculated LED Module Life             | L <sub>70</sub> : 50,000 hours |
| LED Module Wattage HE / HO             | 7W / 11W                       |
| CRI                                    | 80 min                         |
| LED Colour (K)                         | 2700K / 3000K / 4000K / COLOUR |
| Fixture Lumens/m - HE/HO (narrow beam) | 3,048 / 4,154                  |
| Max. Interconnected Run Length         | 60 meters***                   |
| Max. Verified Ambient Temperature      | 50°C                           |
| Over Temperature Cutout Protection     | 70°C                           |

**Cog LED 2.0** is a fully integrated, interconnectable exterior linear LED projector system utilising a specifically manufactured PCB designed in conjunction with Nichia. **Cog LED 2.0** offers various beam options for ultimate light control and application flexibility along with 150 degrees of fixture beam direction. The louver optics assist with ultra low glare control. The fully integrated fixture incorporates the unrivalled 'Plug-Go' IP68 5 way connection system which enables ease of installation, housing of all control wiring as well as allowing for multiple Cog LEDs to be connected from one power source.

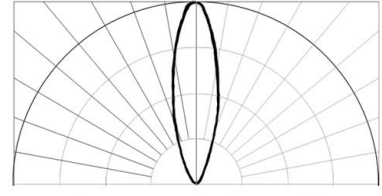
| Product Code                       | CLED-2x7   | CLED-3x7 | CLED-4x7 | CLED-5x7 | CLED-2x11 | CLED-3x11 | CLED-4x11 | CLED-5x11 |
|------------------------------------|--|----------|----------|----------|-----------|-----------|-----------|-----------|
| High Efficiency / High Output      | HE   | HE       | HE       | HE       | HO        | HO        | HO        | HO        |
| Actual Fixture Length (mm)         | 656  | 942      | 1228     | 1514     | 656       | 942       | 1228      | 1514      |
| LED Module Configuration           | 2 x 7W   | 3 x 7W   | 4 x 7W   | 5 x 7W   | 2 x 11W   | 3 x 11W   | 4 x 11W   | 5 x 11W   |
| Fixture Lumens (using narrow beam) | 1,740  | 2,610    | 3,480    | 4,350    | 2,516     | 3,774     | 5,032     | 6,290     |
| Fixture Wattage                    | 14W  | 21W      | 28W      | 35W      | 22W       | 33W       | 44W       | 55W       |
| Fixture System Amps                | 0.06   | 0.09     | 0.12     | 0.15     | 0.095     | 0.14      | 0.19      | 0.239     |
| Input Voltage                      | 220-240V - 50/60Hz   |          |          |          |           |           |           |           |
| Fixture Efficacy (lm/W) HE/HO      | 124 / 114  |          |          |          |           |           |           |           |
| Beam Options                       | Narrow 21° / Oval (no louver) 34x17° / Medium 27° / Wide 46°           |          |          |          |           |           |           |           |
| IP Rating                          | IP65   |          |          |          |           |           |           |           |
| Housing Material & Finish          | Aluminium Anodized Black / Silver Anodized / Powder Coated Pearl White |          |          |          |           |           |           |           |
| Dimming and Control Options        | Fixed Output (F) / 1-10 (1-10) / DALI (DALI)**                         |          |          |          |           |           |           |           |

\* Calculated data values only. \*\* Dimming range limited by driver manufacturer \*\*\* Dependent on fixture configuration.

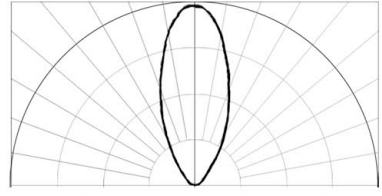
21° Narrow Beam with Louver



34° + 17° Oval Beam - No Louver



46° Wide Beam with Louver



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