

DESCRIPTION

Cultura Base is designed to efficiently illuminate workspace areas, providing optimal horizontal and vertical illumination and glare control, created specifically with base building projects in mind. Frosted prismatic PMMA diffuser for photometric performance and uniformity.

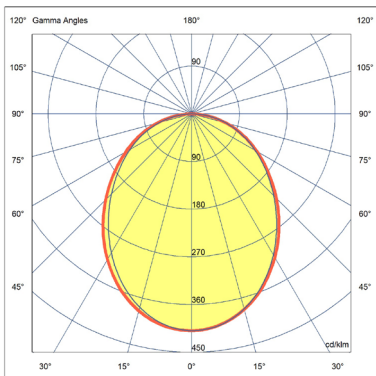
FEATURES

- Luminaire suitable for standard recessed T-bar ceiling systems.
- 1200 x 300 mm, 600 x 300
- Frosted prismatic diffuser (PMMA), for homogeneous illumination on diffuser, also provides low glare lighting comfort.
- A / H available on request.

TECHNICAL DATA

| | |
|------------------|--|
| APPLICATION | Offices, meeting and board rooms, video conferencing rooms |
| INSTALLATION | Interior only: IP20 |
| LIGHT SOURCE | LED |
| COLOUR RENDERING | CRI 80+ COI/CRI90+* |
| LED SERVICE LIFE | L80 at 50,000 hrs |
| MOUNTING | Recessed T-bar |
| MATERIALS | Sheet steel luminaire body Frosted prismatic PMMA diffuser |
| POWER SUPPLY | 100,000 hours, SELV |
| CONTROL | DALI Dimmable Bluetooth Sensor versions Non Dim* Tuneable |
| FINISH | White powder-coated, solvent-free |
| WARRANTY | 10 year warranty. Refer to www.lightculture.com.au for more details |

* Available on request



CULTURA BASE DATA SHEET

LUMINAIRE SELECTION

| | | | | | | | | | | | | |
|---------|---|--------|---|-------|---|---|---|---------|---|---------------------------|---|-------------------------|
| CULTURA | - | BASE | - | | - | | - | | - | | - | |
| | | LENGTH | | WIDTH | | LUMENS | | CCT | | DRIVER | | AIR HANDLING (Optional) |
| | | 1200 | | 300 | | Refer to Cultura Base Lumen Table | | 830 | | ET - Switchable* | | AH - Air Handling* |
| | | 600 | | | | | | 840 | | ETD - DALI | | |
| | | | | | | | | 940* | | BTD - Bluetooth Dim | | |
| | | | | | | | | 927-965 | | BTTW - Bluetooth Tuneable | | |
| | | | | | | | | 927-965 | | DTW - DALI tuneable White | | |

An example:

*Available on request

| | | | | | | | | | | | | | | |
|---------|---|------|---|------|---|-----|---|------|---|-----|---|-----|---|----|
| CULTURA | - | BASE | - | 1200 | - | 300 | - | 2340 | - | 840 | - | ETD | - | AH |
|---------|---|------|---|------|---|-----|---|------|---|-----|---|-----|---|----|

LED SYSTEM

| Title | Output | Power | Efficacy |
|-------------------|--------|-------|----------|
| Cultura Base 1200 | 2130lm | 19W | 112lm/W |
| Cultura Base 1200 | 2340lm | 20.9W | 112lm/W |
| Cultura Base 1200 | 2550lm | 22.8W | 112lm/W |
| Cultura Base 1200 | 2760lm | 24.7W | 112lm/W |
| Cultura Base 1200 | 2975lm | 26.6W | 112lm/W |

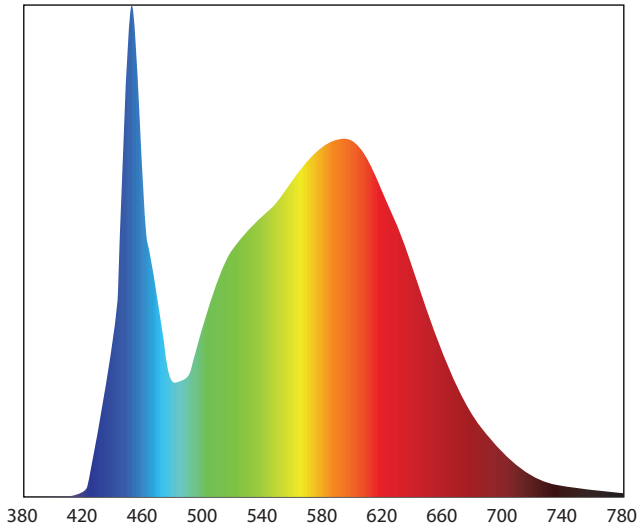
| Title | Output | Power | Efficacy |
|------------------|--------|-------|----------|
| Cultura Base 600 | 1065lm | 9.5W | 112lm/W |
| Cultura Base 600 | 1170lm | 10.5W | 112lm/W |
| Cultura Base 600 | 1275lm | 11.4W | 112lm/W |
| Cultura Base 600 | 1380lm | 12.4W | 112lm/W |
| Cultura Base 600 | 1488lm | 13.3W | 112lm/W |

| Title | Output | Power | Efficacy |
|------------------------------|--------|-------|----------|
| Cultura Base 1200 / Tuneable | 2360lm | 26W | 91lm/W |
| Cultura Base 1200 / Tuneable | 2570lm | 28W | 91lm/W |
| Cultura Base 1200 / Tuneable | 2780lm | 30W | 91lm/W |
| Cultura Base 1200 / Tuneable | 3000lm | 33W | 91lm/W |
| Cultura Base 1200 / Tuneable | 3210lm | 35W | 91lm/W |
| Cultura Base 1200 / Tuneable | 3430lm | 38W | 91lm/W |

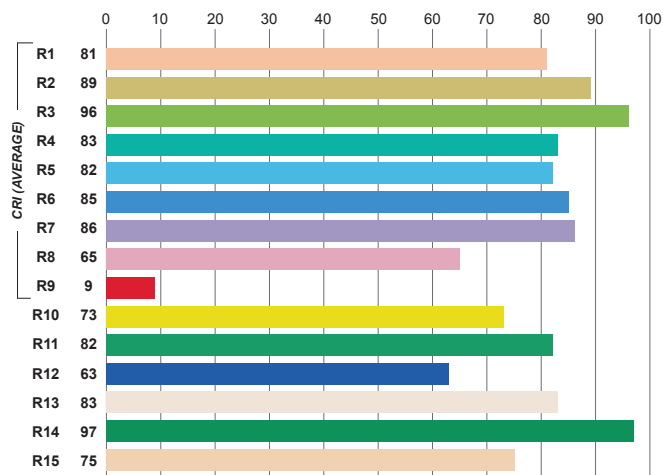
| Title | Output | Power | Efficacy |
|-----------------------------|--------|-------|----------|
| Cultura Base 600 / Tuneable | 1180lm | 13W | 91lm/W |
| Cultura Base 600 / Tuneable | 1285lm | 14W | 91lm/W |
| Cultura Base 600 / Tuneable | 1390lm | 15W | 91lm/W |
| Cultura Base 600 / Tuneable | 1500lm | 16.5W | 91lm/W |
| Cultura Base 600 / Tuneable | 1605lm | 17.5W | 91lm/W |
| Cultura Base 600 / Tuneable | 1715lm | 19W | 91lm/W |

STANDARD (4000K)

SPECTRAL POWER DISTRIBUTION



CIE COLOUR RENDER INDEX



CHROMATICITY COORDINATES

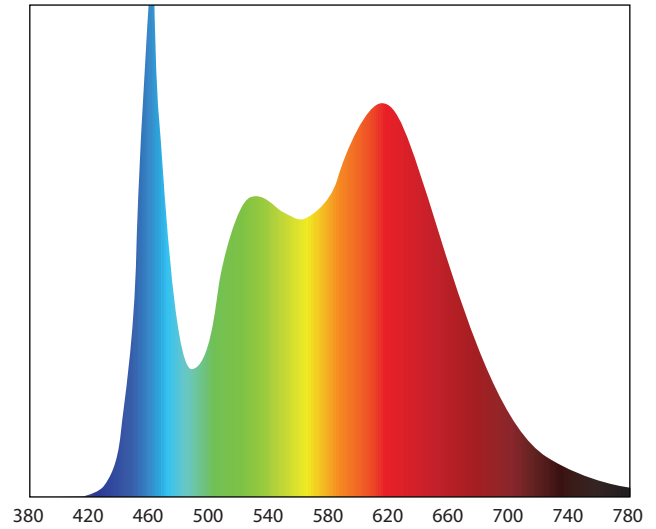
| | COLOUR TEMP 4000K |
|----|-------------------|
| x | 0.3809 |
| y | 0.3805 |
| u' | 0.2239 |
| v' | 0.5033 |

MELANOPIC RATIO

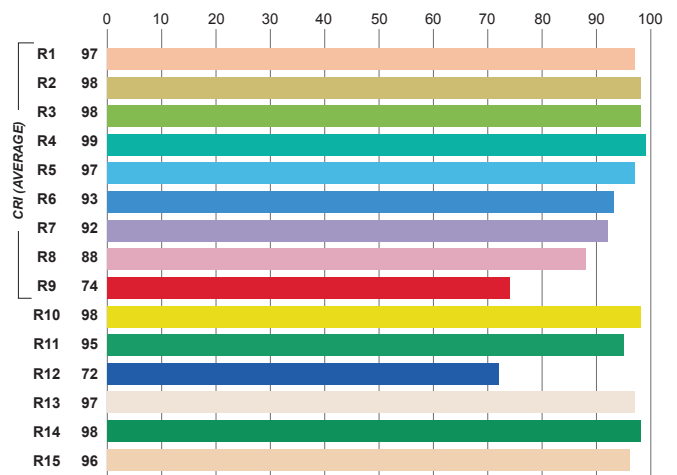
4000K
0.986

COLOUR TUNEABLE

SPECTRAL POWER DISTRIBUTION



CIE COLOUR RENDER INDEX



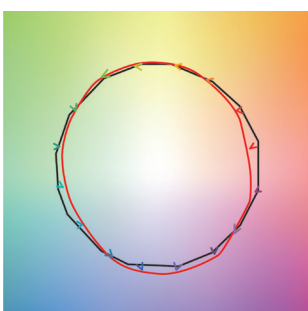
CHROMATICITY COORDINATES

| | COLOUR TEMP 4000K |
|----|-------------------|
| x | 0.3782 |
| y | 0.3661 |
| u' | 0.2279 |
| v' | 0.4966 |

MELANOPIC RATIO

| | COLOUR TEMP |
|-------|-------------|
| 0.54 | 2700K |
| 0.77 | 4000K |
| 0.88 | 5000K |
| 0.995 | 6000K |

IES TM30



IES TM30

