

DESCRIPTION

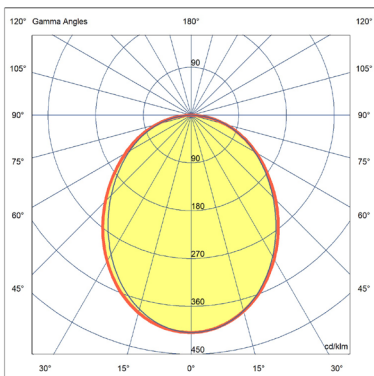
Cultura Base is designed to efficiently illuminate workspace areas, providing optimal horizontal and vertical illumination and glare control, created specifically with base building projects in mind. Frosted prismatic PMMA diffuser for photometric performance and uniformity.

ABOUT BEYOND VISION™

BV enabled products contain spectrum specific, high melanopic ratio LEDs (MR 0.986 at 4000K). Spectrum engineered LEDs combined with an optic to deliver high vertical illumination provide high melanopic lux at the eye, maximizing credit points in section L03 of the WELL building guide V2. Colour rendition R9>0.5 also delivers maximum points in section L07. To provide the very best visual atmosphere for health and well-being in a workspace environment.

FEATURES

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

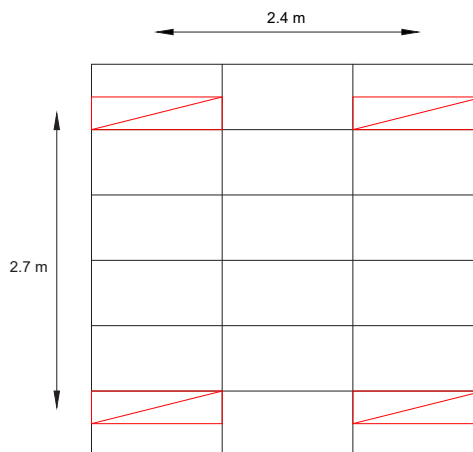


TECHNICAL DATA

APPLICATION	Offices, meeting and board rooms and workspaces
INSTALLATION	Interior only IP20
LIGHT SOURCE	LED
CRI	Ra > 80, R9 > 50
MELANOPIC RATIO	0.986
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
DIMMABLE	DALI dimmable
FINISH	White powder-coated, solvent-free
WARRANTY	10 year warranty. Refer to www.lightculture.com.au for more details



TYPICAL SPACING LAYOUT



Typical office spacing layout based on

Eh Avg @ 0.7m Workplane = >320 lx
 U0 = > 0.7
 LPD = < 4.5 W/m2

Example Room Dimensions: 10m x 10m
 Maintenance Factor: 0.8
 Ceiling Height: 2.7m
 C/W/F Reflectance: 70% / 50% / 20%

Using Culture Base BV 1200mm

CULTURA BASE BEYOND VISION DATA SHEET

LUMINAIRE SELECTION

CULTURA - BASE-BV - [] - [] - [] - [] - [] - []

LENGTH	WIDTH	LUMENS	CCT	DRIVER	AIR HANDLING (Optional)
1200	300	Refer to Cultura Base Lumen Table	840	ETD - DALI	AH - Air Handling
600					

An example:

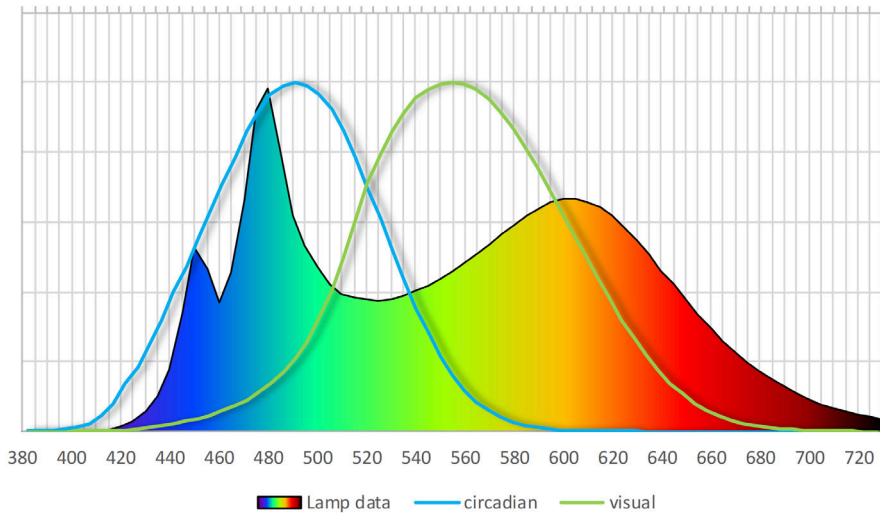
CULTURA - BASE-BV - 1200 - 300 - 2975 - 840 - ETD - AH

LED SYSTEM

NOTE - Custom options available

Title	Output	Power	Efficacy	Title	Output	Power	Efficacy
Cultura Base Beyond Vision™ 1200	2420lm	20.5W	117.5lm/W	Cultura Base Beyond Vision™ 600	1210lm	10W	117.5lm/W
Cultura Base Beyond Vision™ 1200	2975lm	25.3W	117.5lm/W	Cultura Base Beyond Vision™ 600	1488lm	11.7W	117.5lm/W
Cultura Base Beyond Vision™ 1200	3350lm	28.5W	117.5lm/W	Cultura Base Beyond Vision™ 600	1675lm	14.3W	117.5lm/W

SPECTRAL POWER DISTRIBUTION

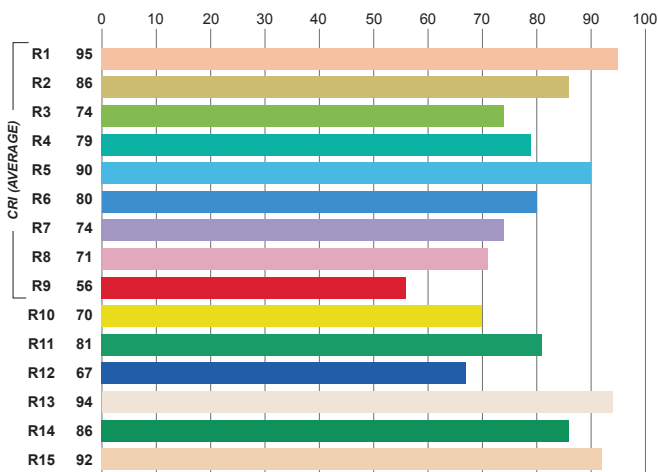


MELANOPIC RATIO

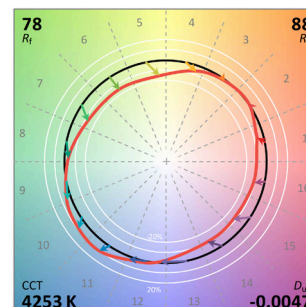
0.986



CIE COLOUR RENDER INDEX



IES TM30



CHROMATICITY COORDINATES

	COLOUR TEMPERATURE 4000 K
x	0.3674
y	0.3585
u'	0.2238
v'	0.4913