

DESCRIPTION

Planar Lighting with a twist. The Cultura was founded on two principles - a beautifully homogenous planar light source, with a secondary luminance surface to soften contrast with the ceiling. LED recessed luminaire with frosted prismatic PMMA diffuser for optimal photometric performance and maximum LED hiding. With 6 LED panels for homogeneous wide-area illumination of the diffuser.

ABOUT BEYOND VISION

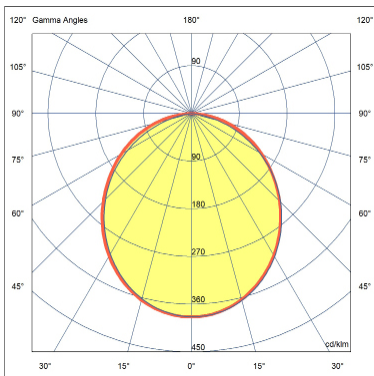
BV enabled products contain spectrum specific, high melanopic ratio LEDs (MR 0.986 at 4000K). Spectrum engineered LEDs combined with an optic to deliver high vertical illumination provide high melanopic lux at the eye, maximizing credit points in section L03 of the WELL building guide V2. Colour rendition 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, 600 x 600 mm
- Frosted prismatic diffuser (PMMA), for homogenous illumination on diffuser, also provides low glare lighting comfort.
- A / H available on request.

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 B10 at 70,000 hrs
MOUNTING	Recessed T-bar
MATERIALS	Sheet steel luminaire body Frosted prismatic PMMA diffuser
POWER SUPPLY	100,000 hours, SELV
CONTROL	DALI Dimmable
FINISH	White powder-coated, solvent-free
WARRANTY	10 year warranty. Refer to www.lightculture.com.au for more details



CULTURA PLUS BEYOND VISION™ DATA SHEET

LUMINAIRE SELECTION

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LENGTH	WIDTH	LUMENS	CCT	DRIVER
1200	300	Refer to Lumen Table	840	ETD - DALI
600				
600	600			

An example:

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LED SYSTEM

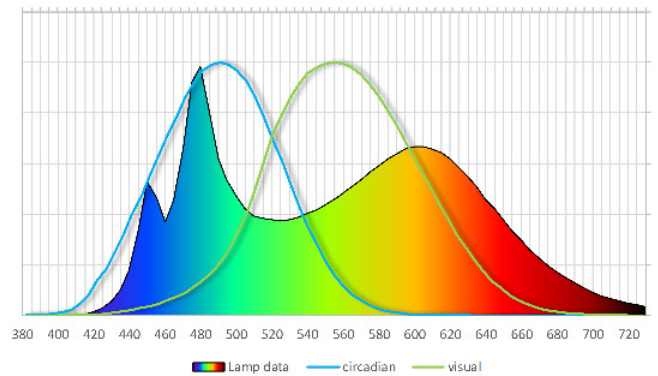
NOTE - Custom options available

Title	Output	Power	Efficacy
Cultura Plus Beyond Vision™ 1200	1860lm	17W	110lm/W
Cultura Plus Beyond Vision™ 1200	2700lm	24.5W	110lm/W
Cultura Plus Beyond Vision™ 1200	3200lm	29W	110lm/W
Cultura Plus Beyond Vision™ 1200	3733lm	34W	110lm/W

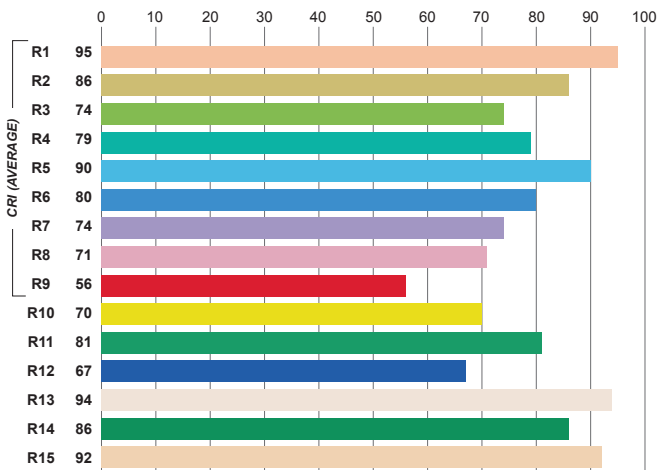
Title	Output	Power	Efficacy
Cultura Plus Beyond Vision™ 600	930lm	8.5W	110lm/W
Cultura Plus Beyond Vision™ 600	1350lm	12.3W	110lm/W
Cultura Plus Beyond Vision™ 600	1600lm	14.5W	110lm/W
Cultura Plus Beyond Vision™ 600	1866lm	17W	110lm/W

Title	Output	Power	Efficacy
Cultura Plus Beyond Vision™ 600x600	930lm	8.5W	110lm/W
Cultura Plus Beyond Vision™ 600x600	1350lm	12.3W	110lm/W
Cultura Plus Beyond Vision™ 600x600	1600lm	14.5W	110lm/W
Cultura Plus Beyond Vision™ 600x600	1866lm	17W	110lm/W

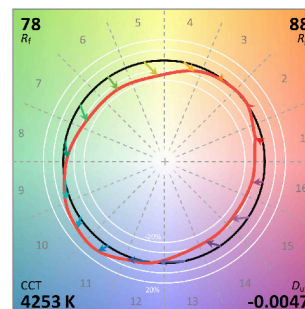
SPECTRAL POWER DISTRIBUTION



CIE COLOUR RENDER INDEX



IES TM30



MELANOPIC RATIO

0.986

CHROMATICITY COORDINATES

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