

**DESCRIPTION**

Cultura DUO is designed to efficiently illuminate workspace areas, providing optimal horizontal and maximum vertical illumination. PMMA curved 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 wellbeing in a workspace environment.

**FEATURES**

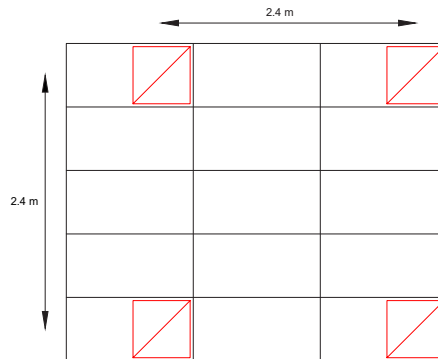
- Luminaire suitable for standard recessed T-bar ceiling systems 600 x 600 mm
- Frosted prismatic diffuser (PMMA), for homogenous illumination on diffuser, also provides low glare lighting comfort.
- Custom sizes are also available

**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
CONTROL	DALI Dimmable
FINISH	White powder-coated, solvent-free
WARRANTY	10 year warranty. Refer to <a href="http://www.lightculture.com.au">www.lightculture.com.au</a> for more details



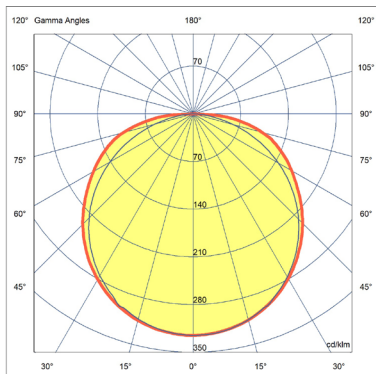
**TYPICAL SPACING LAYOUT**



**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%



# CULTURA DUO CURVED BEYOND™ VISION DATA SHEET

## LUMINAIRE SELECTION

CULTURA	-	DUO CURVED-BV	-		-		-		-	
		LENGTH		WIDTH		LUMENS		CCT		DRIVER
		600		600		Refer to Lumen Table		840		ETD - DALI

An example:

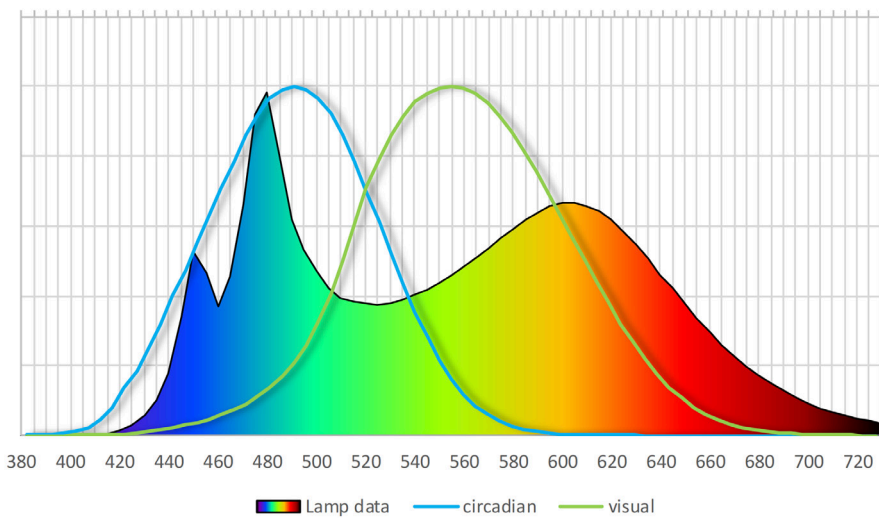
CULTURA	-	DUO CURVED-BV	-	600	-	600	-	3120	-	840	-	ETD
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## LED SYSTEM

Title	Output	Power	Efficacy
Cultura DUO Curved Beyond Vision™ 600	2250lm	20.5W	119.5lm/W
Cultura DUO Curved Beyond Vision™ 600	2770lm	25.3W	109.5lm/W
Cultura DUO Curved Beyond Vision™ 600	3120lm	28.5W	109.5lm/W

NOTE - Custom options available

## SPECTRAL POWER DISTRIBUTION

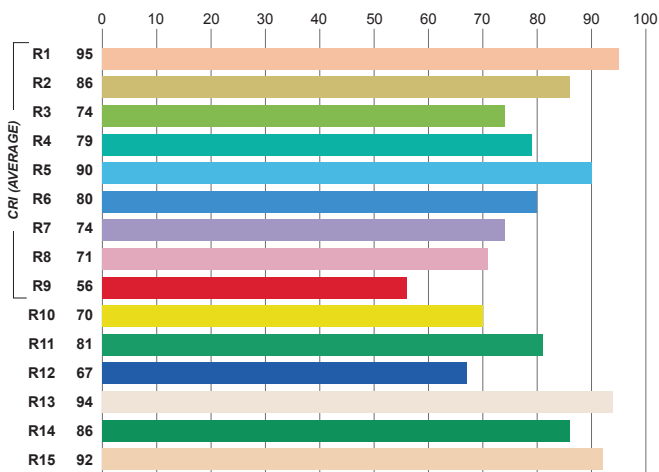


## MELANOPIC RATIO

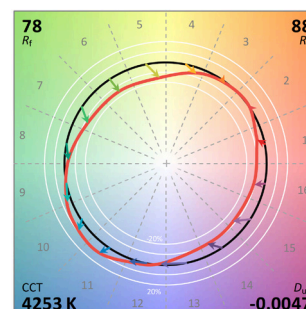
0.986



## CIE COLOUR RENDER INDEX



## IES TM30



## CHROMATICITY COORDINATES

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