

VXLED MODULAR PANEL



Dimensions: 595 x 595 x 75 mm

SPECIFICATION

Power:	34W
Voltage:	220-240V, 0/50/60Hz
Work Temperature:	0°C ~ +35°C
Color Temperature:	4000K
CRI:	80+
Weight:	3.7 kg
IP Rate:	IP40 Front / IP20 Rear
Warranty:	5 Years (2 Years Onsite)

The VXLED is a recessed mounted LED luminaire featuring direct/indirect light distribution. Equipped with a matt micro-prismatic PMMA diffuser to ensure a low glare output, it is housed in a durable steel body finished in white (RAL9003). Developed to offer maximum flexibility and efficiency for demanding office, education, corridor, retail, and public place applications.

CIBSE TM66 CEAM-Make Compliant — Creating a Circular Economy in the Lighting Industry

KEY FEATURES

- Direct/indirect 600 x 600 LED modular design
- Matt micro-prismatic central PMMA diffuser
- Low glare version (UGR ≤ 19)
- LED lifetime: 100,000 Hrs (L80/B10)
- High system efficacy: 133 lm/W
- No visible flicker (Ripple current ≤ 1%)
- Push-in terminal block (3x2x2.5mm²)
- DALI, Casambi, and integrated PIR sensor options

ORDERING INFORMATION

MODEL NO	DESCRIPTION	LUMENS	POWER	COLOUR TEMP
AL-VX3484DA	DALI Dimmable	4448	34W	4000K
AL-VX3484DAPIR	DALI + Wired Sensor	4448	34W	4000K
AL-VX3484CASPIR	DALI + Casambi Node + Casambi PIR	4448	34W	4000K



IP RATING
IP40 / IP20



WARRANTY
5 YEARS



ONSITE WARRANTY
2 YEARS



SUSTAINABILITY
TM66 COMPLIANT



CERTIFIED
UKCA / CE / ROHS

TM66 CIRCULAR ECONOMY ASSESSMENT

VXLED Luminaires



CIBSE TM66 CEAM-Make.

Creating a Circular Economy in the Lighting Industry

PRODUCT

Our recessed luminaires are designed to integrate with LED modules to form complete luminaires. This TM66 report is representative of those systems and suitable for inclusion in specifications. Bespoke reports are available upon request for non-standard builds.

Result

Category	Points Scored	Maximum possible points	Assessment
Product design	72,0	134,0	2,1
Manufacturing	34,0	46,5	2,9
Materials	12,0	24,0	2,0
Ecosystem	21,0	43,0	2,0
Overall performance	139,0	247,5	2,3

How to analyse the score

0 to 0.5	Very poor circular economy performance
0.5 to 1.5	Some circular economy functionality
1.5 to 2.5	Definite/substantial progress to circularity
2.5 to 4.0	Excellent circularity

RESULTS EXPLAINED

Technical Memorandum (TM) 66 describes a Circular Economy's main aims, how it can be achieved and what its practice will mean to the different branches of our industry like specifiers, manufacturers, contractors and Facilities Managers.

The Circular Economy Assessment Method for Manufacturing (CEAM-Make)'s list of 72 searching questions, the majority of which ask for back-up evidence, is split into four sections:

- Product Design: Covering topics such as design for long life and repair.
- Materials: Usage of recyclable materials rather than virgin.
- Manufacturing: Additive and subtractive techniques and localisation.
- Ecosystem: Repair or upgrade services to complement circular economy design.

The outcome of the assessment is a single figure rating by which product comparisons can be made. A TM66 score demonstrates a product's performance in the context of a Circular Economy.