

Deep Recessed M - #2117



18W



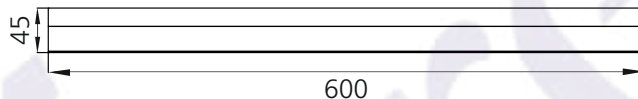
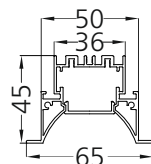
1605lm



2700K



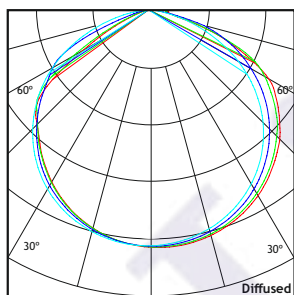
Diffused



Photometric Data

Light source	LED - Mid Power
Power (W)	18W
Delivered lumens	1605lm
Source lumens	2268lm
Colour temperature (K)	2700K
Luminaire efficacy	89.16lm/W
Beam angle	Diffused
Cutoff angle	NA

Light output ratio	70%
Color rendering index (Ra)	> 92
Color rendering index (R9)	> 50
Binning MacAdam	< 3 SDCM
LED life	L90 B10 Tj75°C
UGR	< 19
Operating temperature	-20°C to +50°C
Light distribution	Direct - Diffused



Technical Data

Mounting detail	Deep Recessed
Fixing detail	Dual tension spring
Orientation	Fixed
IP rating	IP20
Glow wire test	850°
Trim material	Aluminum
Heatsink material	Aluminum Extrusion

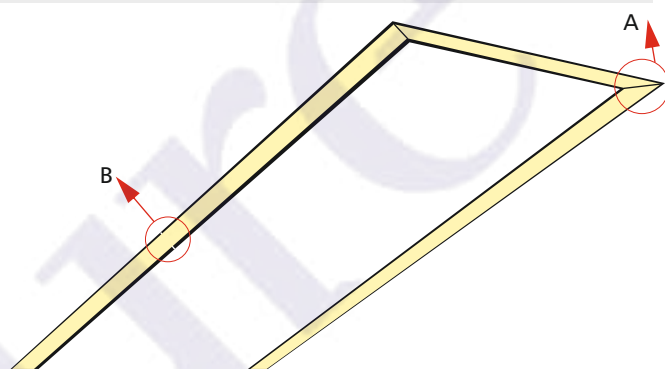
Product weight	1215gms Per 600MM
Safety class	III
Insulation class	III
Voltage	AC230V
Forward voltage	DC24V
Driver	CV - Remote

1. Shows an isometric view of the render of an Acumis Deep Recessed Fixture.
2. Shows an isometric view of the Acumis Deep Recessed Fixture.
3. Shows a Close-up of the 'I' joint.
4. Shows a Close-up of the 'L' joint.
5. Shows the Bottom view of the Acumis Deep Recessed Fixture in rectangular configuration.
6. Shows the Bottom view of the Acumis Deep Recessed Fixture in 'L' configuration.

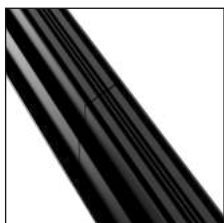
- A. Shows a hairline cut on the diffuser when the fixture is made in the 'L' configuration.
- B. Shows a hairline cut on the trim.



①

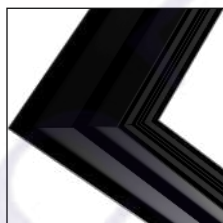


②



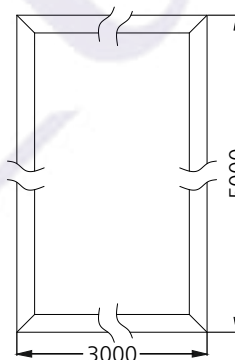
'I' joint

③

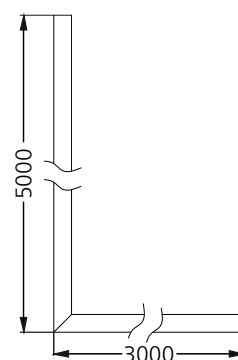


'L' joint

④



⑤

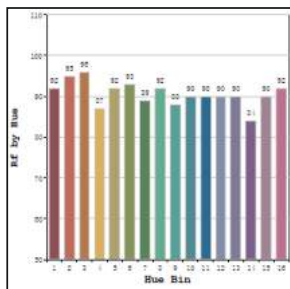


⑥

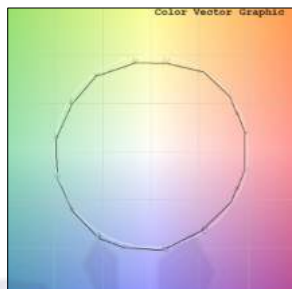
- Straight Sections (Profile) - Maximum possible straight length without any cuts on the profile is 2 mtrs. A hairline cut is visible at the joint, which is needed at every 2 mtrs interval. (Eg.) If a straight length of 6 mtrs is required, then two joints are needed; the 1st at 2 mtrs and the 2nd at 4 mtrs.
- Straight Sections (Diffuser) - Maximum possible straight length without any cuts on the diffuser is 30 mtrs. A hairline cut is visible at a joint, which is needed at every 30 mtrs interval. (Eg.) If a straight length of 32 mtrs is required, then one joint is required at 30 mtrs. Kindly Note: For this example, The number of profile joints is 15 (one at every 2 mtrs interval).
- For 'L' Sections - A Profile of lengths 300mm x 300mm is made. Then it is attached to the Straight Sections. (Eg.) If a 'L' section of 3 mtrs x 5 mtrs is required. First a 300mm x 300mm 'L' section is made. Then Two straight sections of 2 mtrs and 0.7 mtrs are joint in tandem with the 300mm x 300mm 'L' section on the 3 mtrs side. On the 5 mtrs side, Three straight sections of lengths 2 mtrs, 2 mtrs and 0.7 mtrs are joint in tandem with the 300mm x 300mm 'L' section. (Refer to image 6 and image 2) Kindly Note - Although the profile will have 6 joints, the diffuser will have only one joint at the center.
- For Rectangular Sections - Similar in construction to the 'L' section, except the rectangular section consists of four 'L' sections of 300mm x 300mm that are connected by straight sections of the required lengths. (Refer to image 1, 2 and 5)
- 'I' Joint - An 'I' jointer is used to connect two straight sections. (Refer to image 3). The jointers are internally located in the profile.
- 'L' Joint - two profiles are cut at an angle of 45 degrees and joint together using a 'L' jointer. (refer to image 4). The jointers are internally located in the profile.

Photometric Graphs

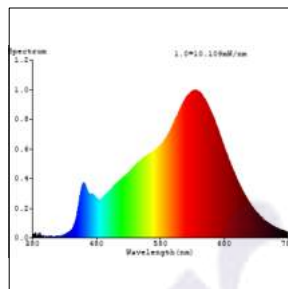
Hue Bin vs Rf Graph



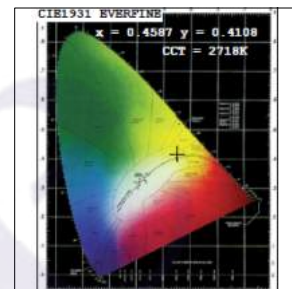
Color Vector Graph



Spectrum vs Wavelength Graph



CIE Chromaticity Graph



Finish Options

Trim Finish

- ☐ Matt White
- ☐ Matt Black
- ☐ Custom RAL Color

Min Length

50MM

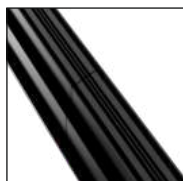
Max Length

2000MM

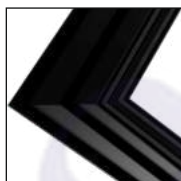
Diffuser

Standard Opal Diffuser

Joint Options



'I' Joint



'L' Joint

Dimming Options



Constant Voltage Driver
75w DC24V
Non Dimmable



Constant Voltage Driver
75w DC24V
Triac Dimmable



Constant Voltage Driver
75w DC24V
Analog 0-10V / 1-10V Dimmable



Constant Voltage Driver
75w DC24V
Dali Dimmable

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Due to which the data mentioned in the data sheet is subject to change without prior notice.