

IFLEX LED PANEL - FLEXIBLE LIGHTING SHEET

iFlex LED panel is a flexible lighting solution for special applications such as backlighting and indirect illumination. The product incorporates high efficiency LED components fitted to a flexible copper PCB panel. iFlex can be custom made and configured to any shape or size and is available in a variety of intensity options.

ELECTRICAL PARAMETERS

Input Voltage:	12VDC or 24VDC
Power Consumption:	32W
LED Driver Classification:	Constant Voltage
Light Source Classification:	SMD2835 LED



MECHANICAL SPECIFICATIONS

Fixing Method:	3M Mounting Tape
IP Protection Rating:	IP20 Indoor Use Only
Sheet Dimensions:	500x235x1.2mm
Construction Material:	Pure Copper Flexible PCB
Cutting Increments:	50mm
Recommended Ambient Temp:	-30~40°C : Max T _{cp} 60 °C

CONFIGURATION OPTIONS

- Special sizes and configurations available by request
- RGB option available by special request
- DALI dimmable LED driver available by request
- 160° spreader lens optic accessory available by request

PHOTOMETRIC INFORMATION

Typical Lumen Efficacy:	105lm/W
CCT Colour Temperature:	2700K / 3000K / 4000K / 6500K
Colour Rendering (Ra):	>80Ra
Beam Angle/Viewing Angle:	120° (160° with spreader lens optic)

CONTROL OPTIONS



This product can be customised or configured according to the needs of your project. Dimming and control options are available by special request. Control protocols include DALI, Casambi, Wireless, 1-10V, analogue dimming.



COMPLIANCE & CERTIFICATION

- IESNA2002
- AS/NZS60598, LM79, LM80
- Lifespan: Exceeds 50,000hrs @ L70

ORDERING INFORMATION

Model Number:	iFlex LED Panel
Specify LED CCT:	2700K / 3000K / 4000K / 6500K
Specify Beam Angle:	120° / 160°
Specify Panel Size:	500x235mm
Input Voltage Option:	12VDC / 24VDC
Optional Accessory:	Spreader Lens Optic 160°

All product details are subject to change without notice. Final specifications may vary.

