

ledTec.flex wallpaper RGB P50 1600

(translucent, white, black, deep black)

This is a thin flexible LED wallpaper unit including 12 x 12 pixels (600 x 600mm) with individually controllable LED by a 50mm pixel pitch respectively. The foil has 1600NIT (cd/sqm) and is suitable for shaped indoor applications with architectural integration on indoor digital media surfaces for applications in lighting boxes on ceiling or walls, also on glass or translucent surfaces such as renovation.



LED Pitch	50mm	50mm	50mm	50mm
Surface color	translucent	white	black	deep black
Surface	PEN (Polyethylenaphthalat)	PI (Polyimide)	PI (Polyimide)	PI (Polyimide)
Light Source (LEDs)	400(Pixel/sqm) RGB SMD LED, individually controllable			
Driver Cooling	Potting Heatsink			
Luminance Pitch	1600cd/m ² (NIT)			
Color point (default)	6500K			
Colour Range	24 bit 16.7 Mill Colors			
Refresh rate	>150Hz			
Frame rate	>=30Hz, no flicker			
Beam Angle	110 deg			
Light transmittance	30% translucent			
Operating Temperature	-10°C up to 40°C			
Storage Temperature	-20°C up to 70°C			
Lumen Maintenance	L70 @ 25°C -50.000hrs			
Weight	120g per sheet (325g/sqm)	150g per sheet (420g/sqm)	150g per sheet (420g/sqm)	220g per sheet (620g/sqm)
Dimensions LxWxH	600mm x 600mm x 3mm (LED driver 10mm)			
Min Bending Circumference	620mm (1 Sheets), horizontal axis / 1860mm (3 x sheets) vertical			
Min Bending Radius	horizontal 100mm (in Driver direction 300mm)			
Mounting	Velcro			
Max. number of daisy chain	6 sheets by LPIX Media Controller / 3 sheets by DVI/HDMI & 4 sheets by Smart Light Management			
Approbation	CE, RoHS, Reach, FCC (ETL on request)			
Environment	IP20, indoor			
Humidity	0-90%, non-condensing			

Electrical Specifications

Operating voltage	24 V DC
Power Consumption (typical)	18W/Unit, 50W/sqm
Power Consumption (maximum)	30W/Unit, 84W/sqm

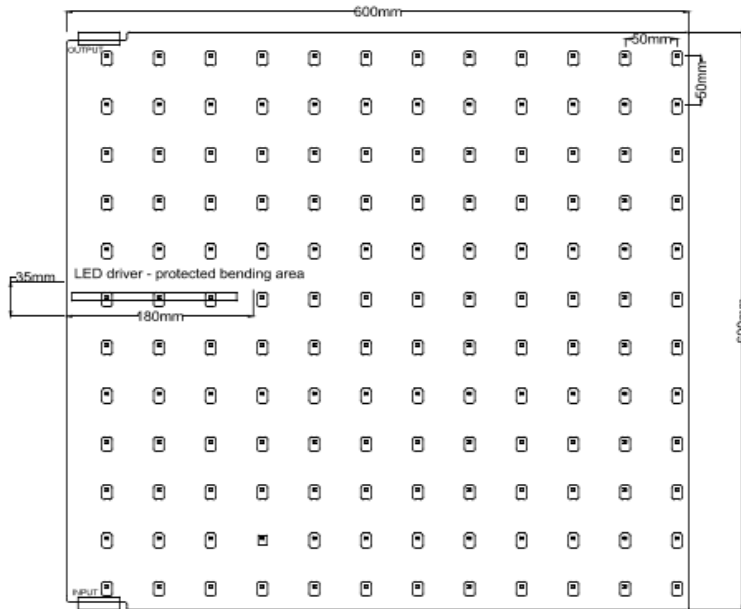
System Specifications

Power Supply	AC110V/230V 240W or 480W
Control	..LPIX.. / e:pix
Addressing Options	Address setting

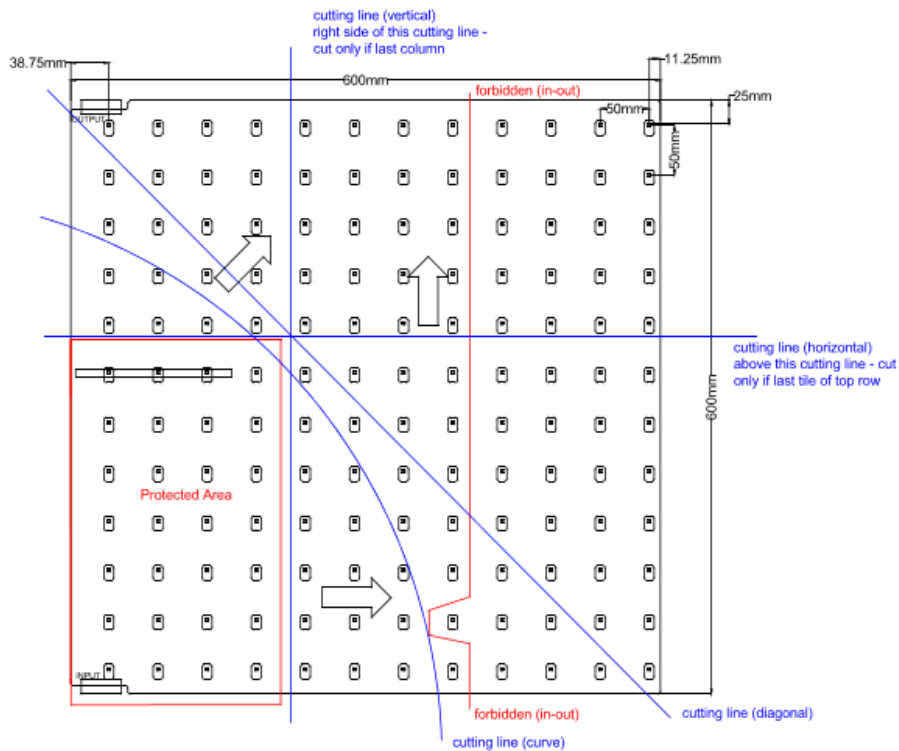
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Dimensions (in mm)

Dimensions



Cutting Plan



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Ordering

Fixtures

Ref	Item Code	Description	
P50T	Z20 0008.10	ledTec.flex wallpaper RGB P50 1600 t	1600NIT / 600x600mm / translucent
P50W	Z20 0007.10	ledTec.flex wallpaper RGB P50 1600 b	1600NIT / 600x600mm / black
P50W	Z20 0006.10	ledTec.flex wallpaper RGB P50 1600 w	1600NIT / 600x600mm / white
P50DB	Z20 0017.10	ledTec.flex wallpaper RGB P50 1600 db	1600NIT / 600x600mm / deep black
P50CL	Z20 0012.10	ledTec.flex wallpaper RGB P50 1600 cl	1600NIT / 600x600mm / customized logo

Mouting Accessories

Ref	Item Code	Description	
VelcB	Z20 0028.00	Velcro Black soft per Unit	3,5m length x 25mm width
VelcW	Z20 0027.00	Velcro White soft per Unit	3,5m length x 25mm width
VelcBSR	R10 0018.00	Velcro soft roll black 25 m	25m length x 25mm width
VelcWSR	R10 0019.00	Velcro soft roll white 25 m	25m length x 25mm width
VelcBHR	Z20 0044.00	Velcro hook roll black 25m	25m length x 25mm width
VelcWHR	Z20 0045.00	Velcro hook roll white 25m	25m length x 25mm width

Cables & Connector

Ref	Item Code	Description	
ColnB	Z20 0046.00	Unit Interconnection connector set black	10 connector
ColnW	Z20 0047.00	Unit Interconnection connector set white	10 connector
CaStB	R10 0020.00	Starter Lead Cable Data/Power 24V Split - black 2,5 m	4 wire, 3 unit Interconnection cable black
CaSTW	R10 0021.00	Starter Lead Cable Data/Power 24V Split - white 2,5 m	4 wire, 3 unit Interconnection cable white
CaExtB5	R10 0022.00	Ext. DC Cable Data/Power 24V - black 5m	2 wire open, 2 Quick Connector Terminal Block, Rj45
CaExtB10	R10 0023.00	Ext. DC Cable Data/Power 24V - black 10m	2 wire open, 2 Quick Connector Terminal Block, Rj45
CaExtB20	R10 0024.00	Ext. DC Cable Data/Power 24V - black 20m	2 wire open, 2 Quick Connector Terminal Block, Rj45
CaDataB5	R10 0025.00	Data Cable CAT5e black 5m	Rj45
CaDataB10	R10 0026.00	Data Cable CAT5e black 10m	Rj45
CaDataB20	R10 0027.00	Data Cable CAT5e black 20m	Rj45

Power Supply

Ref	Item Code	Description	
PSU10024	R10 0017.00	110-230AC Power supply 100W/24V	Indoor open cable with aircooling; up to 2/1 foils (P50/P37)
PSU24024	R10 0011.00	110-230AC Power supply 240 W/24V	Indoor open cable with aircooling; up to 8/2 foils (P50/P37)
PSU48024	R10 0013.00	110-230AC Power supply 480 W/24V	Indoor open cable with aircooling; up to 16/4 foils (P50/P37)

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Ordering

Controls

Ref	Item Code	Description	
Controller & Converter			
LPIXMCS	R10 0005.00	LPIX-Media-Controller Auto Scalling	4 output up to 32/16 foils max. 8 x P50 foils per output
VMC	R10 0006.00	e:pix VMC Video Micro Converter - to DVI/HDMI	8 output up to 24/16 foils max. 3 x P50 foils per output
EpixNote	R10 0008.00	e:pix Note - Converter	2 output up to 8/4 foils max. 4 x P50 foils per output
EpixNoteP	R10 0028.00	e:pix PRO Note - Converter	8 output up to 32/24 foils max. 4 x P50 foils per output

Server

CoreS	R10 0007.00	Core S Engine - Sympholight	Micro Server up to 5.000 Pixel with out fan
CEDVI	On Request	Control Engine DVI out (on Project Request)	Mini Server up to 25.000 Pixel with fan
CESym	On Request	Control Engine & Sympholight Dougle (on Project Request)	Mini Server up to 25.000 Pixel with fan
LCEMX	R10 0009.00	Lighting Control Engine 2 mx - Sympholight	Server up to 50.000 Pixel with out fan

Switch

5Switch	R10 0029.00	5-Port Switch DIN Rail	5 x 10/100 with PoE
8Switch	R10 0030.00	8-Port Network Switch	4x 10/100/1000 ports with POE
24Switch	R10 0031.00	24-Port Network Switch	24x 10/100/1000 ports and 2x combo SFP

Sensoric, CMS & Cloud

Ref	Item Code	Description	
MoSe4	V10 0004.00	motionTec.sens sensor- Starter Set 4 sensors	for 250sqm, incl. PoE Switch, PSU, LTE router
MoExpo10	V10 0020.00	motionTec.sens & analytics expo license/5 sensors10 days	Rental for 250sqm, incl. PoE Switch, PSU, LTE router
MoCaPro	V10 0022.00	motionTec.sens camera - Pro	Overhead Axis LAN camera
MoCaUSB	V10 0023.00	motionTec.sens camera - USB	Sensor connected USB camera (HD)
CoCMS12	V10 0030.00	contentTec.mgmt CMS 12 mouths contract	12 months per 5 Dislpay, incl. media player(1 HDMI min out)
CoCMS24	V10 0029.00	contentTec.mgmt CMS 24 mouths contract	13 months per 5 Dislpay, incl. media player(1 HDMI min out)
MoAn12	V10 0005.00	motionTec.analytics license - Advanced 12 months contract	12 months per 250sqm
MoAn12Ex	V10 0012.00	motionTec.analytics license - Advanced extension of the 12	next 12 months per 250sqm
MoAn24	V10 0006.00	motionTec.analytics license - Advabced 24 months contract	12 months per 250sqm
MoAn24Ex	V10 0024.00	motionTec.analytics license - Advanced extension of the 24	next 12 months per 250sqm
MoDe12	V10 0027.00	motionTec.demografics license - Advanced 12 months contract	12 months per 250sqm
MoDe12Ex	V10 0028.00	motionTec.demografics license - Advanced extension of the 12	next 12 months per 250sqm
MoDe24	V10 0025.00	motionTec.demografics license - Advanced 24 months contract	12 months per 250sqm
MoDe24Ex	V10 0026.00	motionTec.demografics license - Advanced extension of the 12	next 12 months per 250sqm