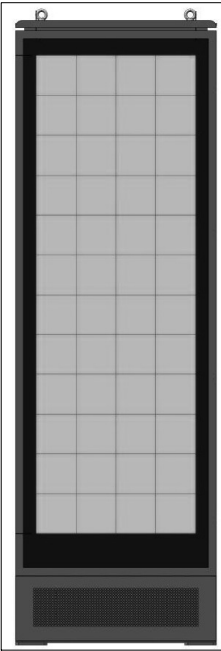


OP2.6

Double side LED panel
A modular system for outdoor applications



LINEAR DIMENSION / TOLERANCE :
≤1000 / ±1.0
>1000 / ±2.0



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CLIENT :
MANCHESTER CENTRAL
PROJECT :
830
SITE REFERENCE :
CONVENTION CENTRE - DIG32709

PRODUCT TYPE :
O&M MANUAL
PAGE TITLE :
DOUBLE SIDED TOTEM COVER
DRAWING NO :
O&M MANUAL

DESIGN STATUS :
NOT FOR CONSTRUCTION
PAGE :
BY : SCALE @ A3 :
CM AS SHOWN
REV :
A
DATE :
08.01.26

1.2 OP2.6 Specifications (double side)
2.604mm Permanent Outdoor SMD LED Panel

Parameter	Unit	Value
Brightness	nits	3,000
Color temperature	deg. K	6,500
Viewing angle – Horizontal (50% brightness)	deg.	140(+70/-70)
Viewing angle – Vertical (50% brightness)	deg.	140(+70/-70)
Panel weight	kg /lb	527/1,159
Panel diagonal	mm / ft	3,162/ 10.37(Display)
Panel width	mm / ft	1,000/ 3.28(Display)
Panel height	mm / ft	3,000/ 9.84(Display)
Panel depth	mm / ft	211 / 0.69
Panel area	sq.m / sq.ft	3.0/ 32.29(each side)
Panel material	/	Steel & Aluminum
Panel color	/	Pantone Matte Gray
Aspect ratio		1:3(each side)
Ingress protection(Front/rear)	IP	IP45/IP45
Operating / storage temperature range	deg. C	-20 to +50 / -10 to 60
Operating / storage humidity	%	< 90 (Without condensation)
Pixel type and configuration	R/G/B	SMD 3 IN 1
Pixel pitch	mm	2.604
Pixel matrix per Panel		384 x 1,152
Pixel per Panel		442,368
Lines per meter		384
Pixel per sq. Meter		147,456
Recommended minimum viewing distance	m	3
Colors		281 Trillion
Grey scale (linear)	Levels	65,536 levels per color
Brightness control	Levels	100
Contrast ratio		≥3,000:1
Processing depth	bit	14
System type		M4
Video frame rate	Hertz	50 / 60
Display refresh rate	Hertz	≥3,840
Input voltage (nominal)	VAC	100 to 240
Input power frequency	Hertz	50 to 60
Input power (max)	VA	2,500
Lifetime (50% brightness)	Hours	≥100,000
Panel input format		Ethernet
Data interconnection		CAT5e (Length≤100m) Optical link (100m<Length≤5km, optional)
Panel Maintenance		Front Access

* Specification subjected to change without prior notice



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DOUBLE SIDED TOTEM SPEC SHEET
DRAWING NO :
O&M MANUAL

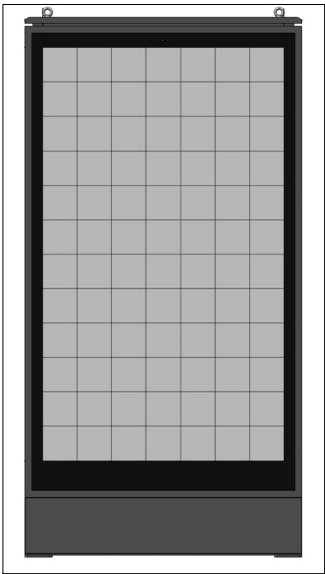
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OP2.6

LED panel

A modular system for outdoor applications



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CLIENT :

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SITE REFERENCE :

CONVENTION CENTRE - DIG32709

PRODUCT TYPE :

O&M MANUAL

PAGE TITLE :

SINGLE SIDED TOTEM COVER

DRAWING NO :

O&M MANUAL

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1.2 OP2.6 Specifications (single side)

2.604mm Permanent Outdoor SMD LED Panel

Parameter	Unit	Value
Brightness	nits	3,000
Color temperature	deg. K	6,500
Viewing angle – Horizontal (50% brightness)	deg.	140(+70/-70)
Viewing angle – Vertical (50% brightness)	deg.	140(+70/-70)
Panel weight	kg /lb	580 / 1,276
Panel diagonal	mm / ft	3,473/ 11.39(Display)
Panel width	mm / ft	1,750/ 5.74(Display)
Panel height	mm / ft	3,000/ 9.84(Display)
Panel depth	mm / ft	211 / 0.69
Panel area	sq.m / sq.ft	5.25/ 56.48
Panel material	/	Steel & Aluminum
Panel color	/	Pantone Matte Gray
Aspect ratio		7:12
Ingress protection(Front/rear)	IP	IP45/IP45
Operating / storage temperature range	deg. C	-20 to +50 / -10 to 60
Operating / storage humidity	%	< 90 (Without condensation)
Pixel type and configuration	R/G/B	SMD 3 IN 1
Pixel pitch	mm	2.604
Pixel matrix per Panel		672 x 1,152
Pixel per Panel		774,144
Lines per meter		384
Pixel per sq. Meter		147,456
Recommended minimum viewing distance	m	3
Colors		281 Trillion
Grey scale (linear)	Levels	65,536 levels per color
Brightness control	Levels	100
Contrast ratio		≥3,000:1
Processing depth	bit	14
System type		M4
Video frame rate	Hertz	50 / 60
Display refresh rate	Hertz	≥3,840
Input voltage (nominal)	VAC	100 to 240
Input power frequency	Hertz	50 to 60
Input power (max)	VA	2,200
Lifetime (50% brightness)	Hours	≥100,000
Panel input format		Ethernet
Data interconnection		CAT5e (Length≤100m) Optical link (100m<Length≤5km, optional)
Panel Maintenance		Front Access

* Specification subjected to change without prior notice



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