## DiGi Flexsheet

Serious innovation in LED lighting? Here it is! Enjoy the most sophisticated light scenes through our brand new DiGi Flexsheet P40. It is PxLNet enabled, which guarantees easy use despite the complex wiring . Just connect it to the operating system and run your beautiful images or light patterns. The ultra thin LED sheet (only 2 mm thick!) can be cut into every shape or size. So you can work around any obstacle on the wall, like shelve supports or electricity sockets. Flexibility, endless applications, marginal installation depth – this is the ideal way to bring every indoor surface to life.
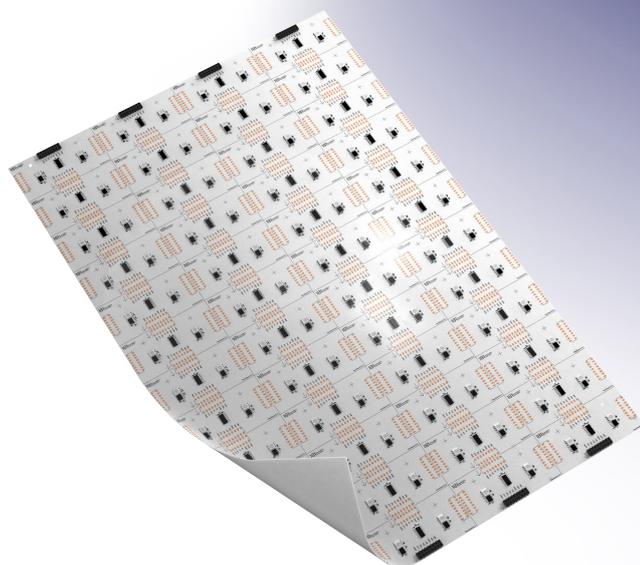
Key specifications

Voltage (V)	12V DC
Power Consumption (RGB)	24W
Luminous Flux	624Lm
Color Range	RGB
Number of channels	288ch
Number of pixels	96pix
Pixel pitch (mm)	40mm
Control	SPI

CE   RoHS   IP20

Ordering information

Product	Qty		Related items	Qty
☐ DiGi Flexsheet	☐		☐ DiGi Flexsheet Jumper	☐
			☐ DiGi Flexsheet Leader PCB	☐
			☐ DiGi Flexsheet Input cable	☐
			☐ DiGidot PxLNet PowerNode	☐

Related Items

Input cable, Push in terminal to Female connector

☐	☐	Input cable 1m	3566275
☐	☐	Input cable 2m	3566276
☐	☐	Input cable 3m	3566277

DiGidot C4 Live

☐	☐	DiGidot C4 Live 4	20101
☐	☐	DiGidot C4 Live 8	20102
☐	☐	DiGidot C4 Live 12	20103
☐	☐	DiGidot C4 Live 16	20104

DiGidot C4 Extended

☐	☐	DiGidot C4 Extended 1	20201
☐	☐	DiGidot C4 Extended 2	20202
☐	☐	DiGidot C4 Extended 4	20203
☐	☐	DiGidot C4 Extended 8	20204

DiGidot PxLNode

☐	☐	DiGidot PxLNode U96	20820

DiGidot PxLNet Transceiver kit

☐	☐	DiGidot PxLNet Transceiver kit RJ45-Bus	20341
☐	☐	DiGidot PxLNet Transceiver kit Screw	203402
☐	☐	DiGidot PxLNet Transceiver kit Solder	203403

Meanwell Power supply

☐	☐	HLG-150-12	8341300
☐	☐	HLG-240-12	8341600
☐	☐	HLG-320-12	8342500

Plug and Play

☐		DiGidot PxLNet PowerNode 500W	2040550

☐	☐	DiGi Flexsheet Jumper	3566288
☐	☐	DiGi Flexsheet Leader PCB	3566299

181 Lightly obsessed with light

General specifications

Operating Voltage	12V DC
Color range	RGB
Power Consumption p/sheet	0.8W
Channels p/sheet	3ch
Luminous Flux p/sheet	624Lm
Max Run power	10 sheets
Max Run Length for data	240 pixels (2.5 sheets)
Pixel Pitch Horizontal and Vertical	40mm
LB Value	L70B20 50.000H
Storage Temperature	–40° C to 80° C
Operating Temperature	–30° C to 60° C
Environment	Indoor
Ingress Protection	IP20
Mounting Options	Screw, tape
Certifications	CE, RoHS
PCB Color	White
Dimensions (mm)	480 x 320 x 2
Cutting interval (mm)	40 x 80
Weight p/m	250gr
Warranty	3 Years

Model	Red	Green	Blue
RGB	136Lm	424Lm	64Lm

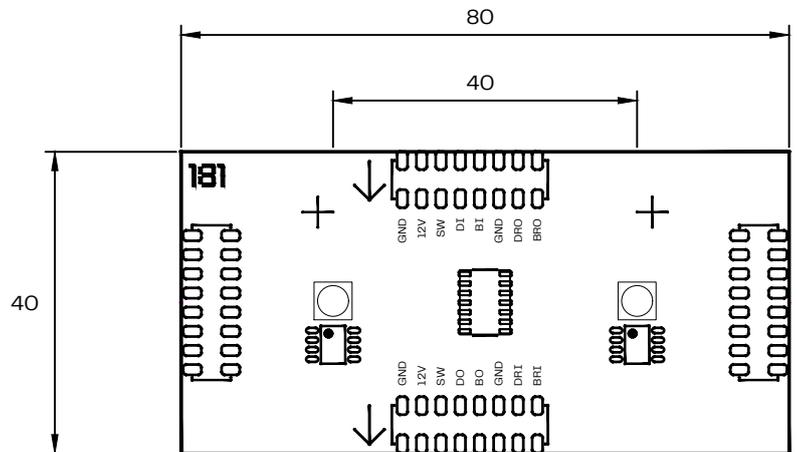| Model	Red	Green	Blue
RGB	620NM	520NM	465NM

Light distribution
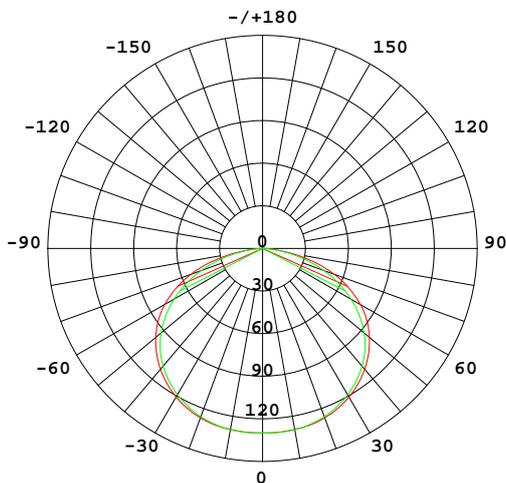
Average Beam angle: 128.4 Deg

181

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Dimensions DiGi Flexsheet

All dimensions in mm
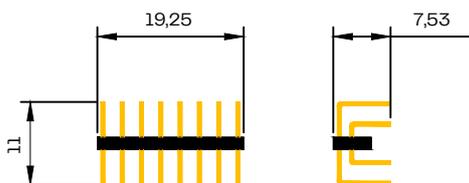
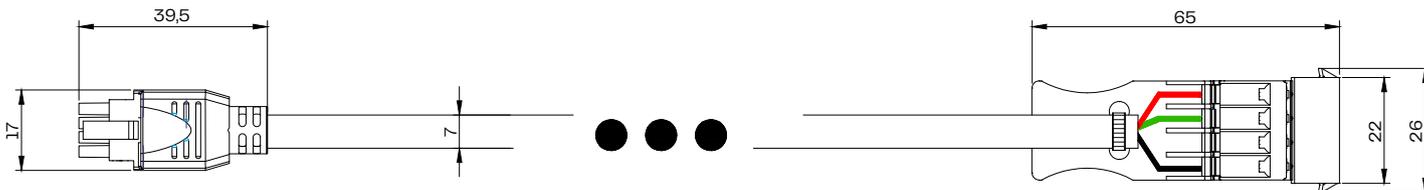**oneeighty one.com**
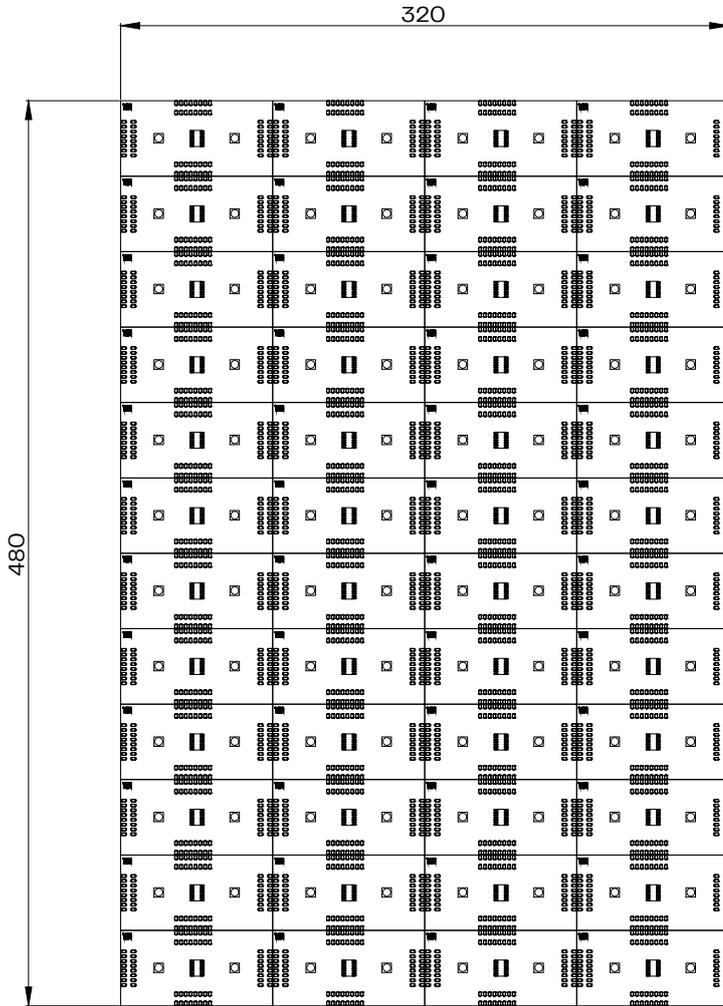
Dimensions DiGi Flexsheet Leader PCB

All dimensions in mm
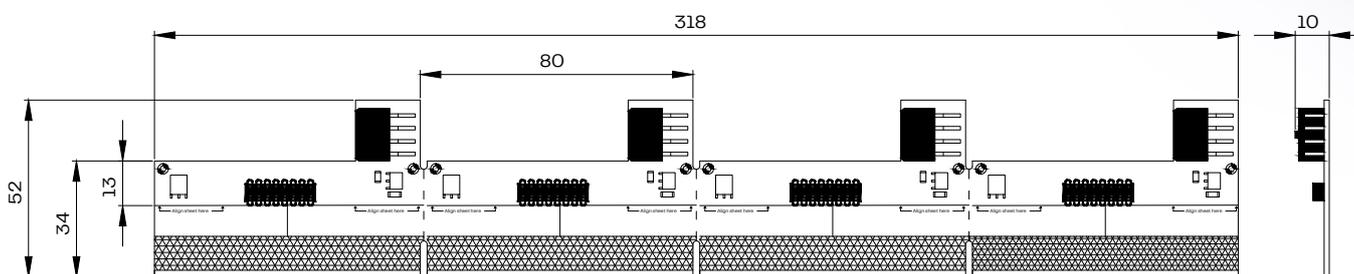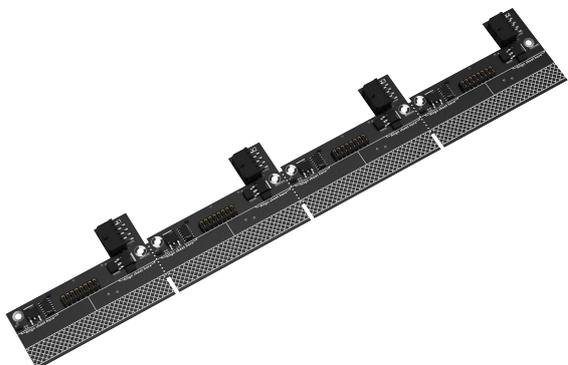
Dimensions DiGi Flexsheet Jumper

Dimensions DiGi Flexsheet Input cable

oneeighty one.com

Bromostraat 18-1
1067TG Amsterdam
The Netherlands

Info@oneeightyone.com
+31 (0)20 8200 170
@oneeightyonelighting

System diagram

DiGiDot PxLNet PowerNode 500W
(Front side)

OUTPUT 1.1   OUTPUT 1.2   OUTPUT 1.3   OUTPUT 1.4

ArtNet

Power

DiGiDot PxLNet PowerNode 500W
(Back side)

TEST

AC 110V/230V
2.6A @230V

Maximum of 3mtr Lead cable

2   3   4

2   3   4

Maximum of 10pcs of
DiGi Flexsheet when using all ports

Connect the DiGi
Flexsheet to the
Leader PCB by
using the Jumper.

Connect the next
DiGi Flexsheet by
using the Jumper.