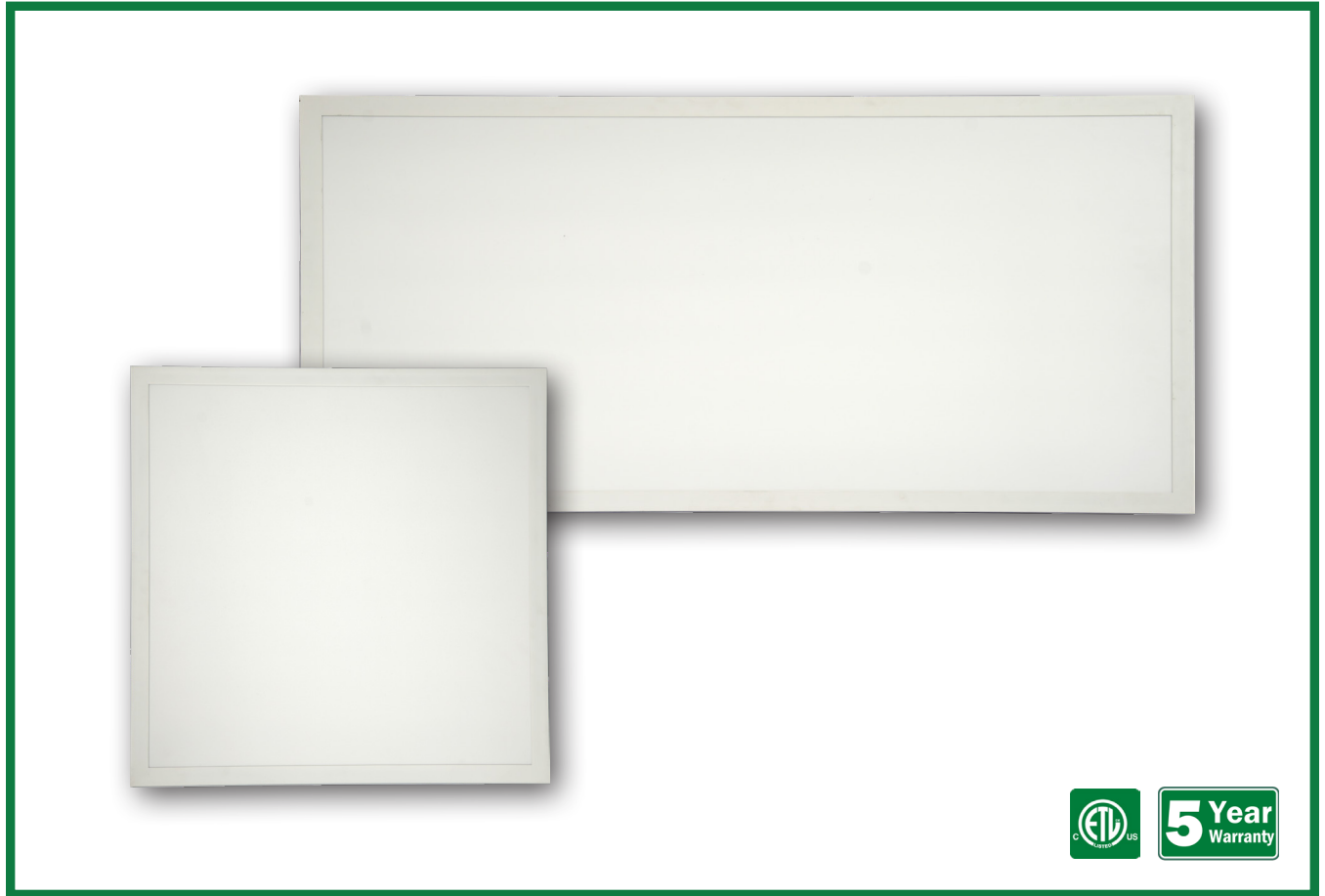# LED Flat Panel Lights
OS Series

OS Series

Beyond LED OS Series flat panels offer uniform illumination and excellent energy savings when you replace with traditional T5, T8, or T12 fluorescent troffers. Featuring Backlit technology and a low-profile design, the OS Series panels provide an even light diffusion for low-glare lighting that won't strain the eyes. Our LED Flat Panel Lights are suitable for narrow or standard drop ceilings.

- High efficacy, up to 130Lm/W
- Lightweight aluminum frame
- Easier one person installation
- 0-10V Dimming capabilities

- Remarkable light uniformity
- Multiple mounting options
- Built-in standard earthquake clips
- Universal 120-277Vac 50-60Hz

Due to continuous product improvement, information in this document is subject to change.

LED Flat Panel Lights
OS Series

OS Series

SKU #	Model #	Watts	Lumens	CCT	Input Voltage	Size	Certifications
151187	BLT-BLIT-2X2-40DR-A1-50-TYDZ-RS	40W	4600lLm	5000K	120-277Vac	2X2'	ETL & DLC
151183	BLT-BLIT-2X2-40DR-A1-40-TYDZ-RS	40W	4600lLm	4000K	120-277Vac	2X2'	ETL & DLC
151180	BLT-BLIT-2X4-40DR-P1-50-TYDZ-RS	40W	4960lLm	5000K	120-277Vac	2X4'	ETL & DLC
151244	2X2' Panel Surface Mounting Kit						
151245	2X4' Panel Surface Mounting Kit						

Specifications

CRI	80
SDCM	6
UGR	22
Beam angle	120°
Lamep Color RAL	White (RAL 9010)
Material	Lens: PMMA
	Frame: PVC
	Back cover housing: White painted iron plate

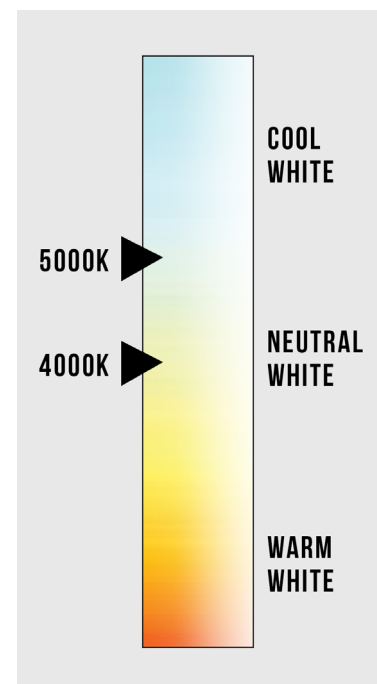| Electrical Parameters	
Dimming	0-10V 10%-100%
Input voltage	120-277Vac 50-60Hz
PF	0.95
PE	0.86
Over load/short Circuit	Protection
Driver Connection	Fixed on edge of panel
Hi-pot Test Range	SELV Isolated Driver, 3750Vdc/5mA/60S
Warranty	5 years
Driver failure rate	0.3% per 5000 hours
Maintance	Optical module sealed for life; no internal cleaning required

Installation Information	
Average ambient temperature	Average ambient : +25 ºc Operating temperature range: 0 to +40 ºC
Ceiling type	Exposed T-bar ceiling
Light source	Non-replaceable LED module
IP	Total lamp IP40
IK	IK02

2X2 LED Quantity: 48

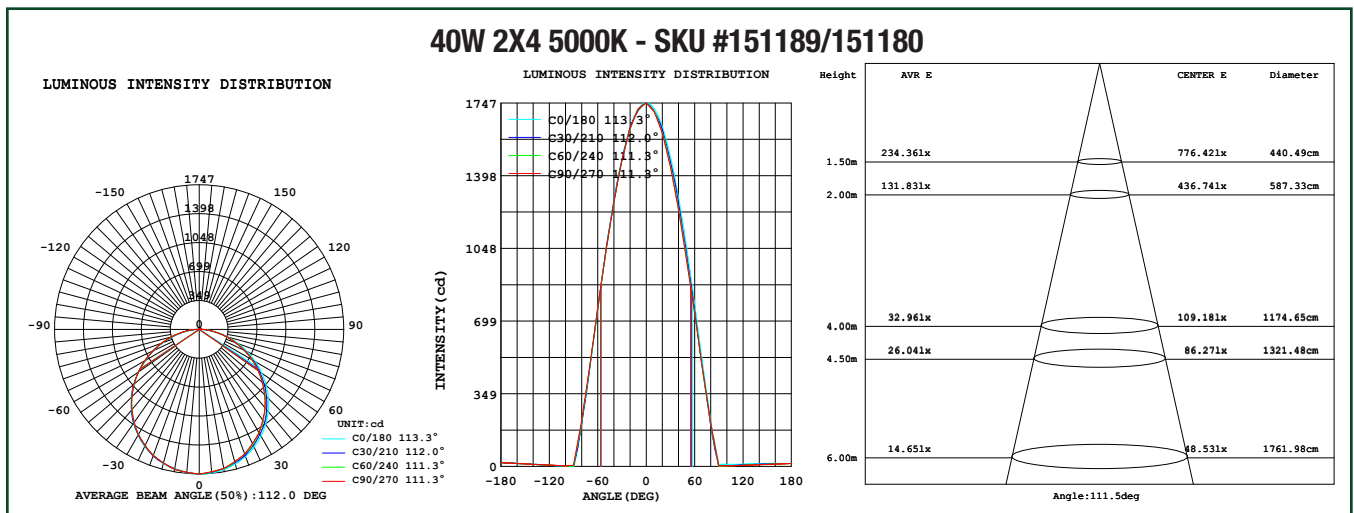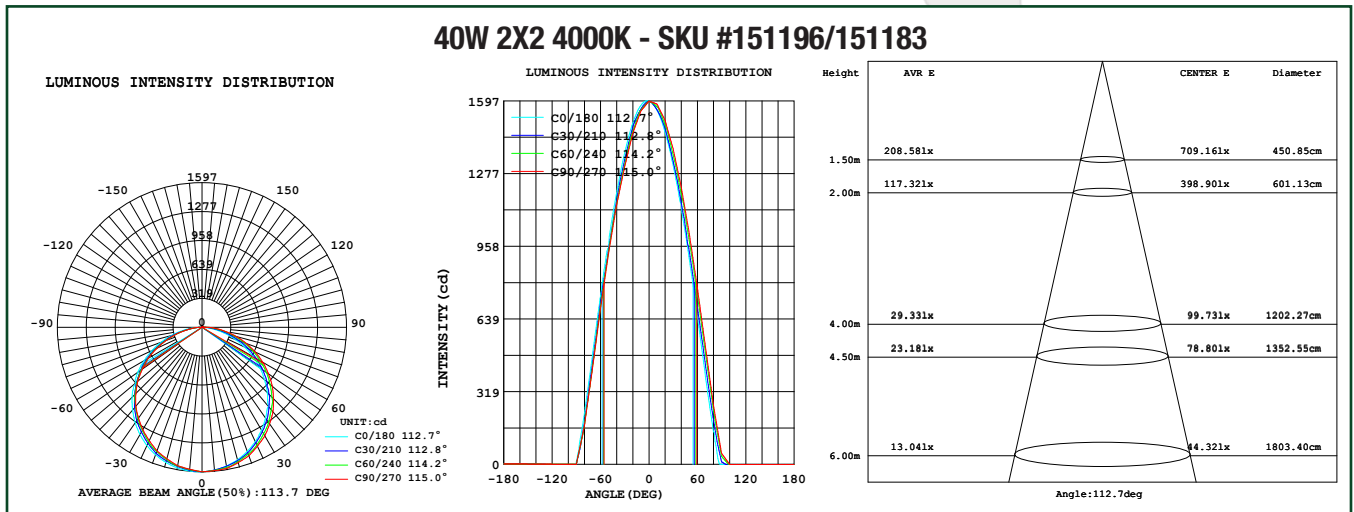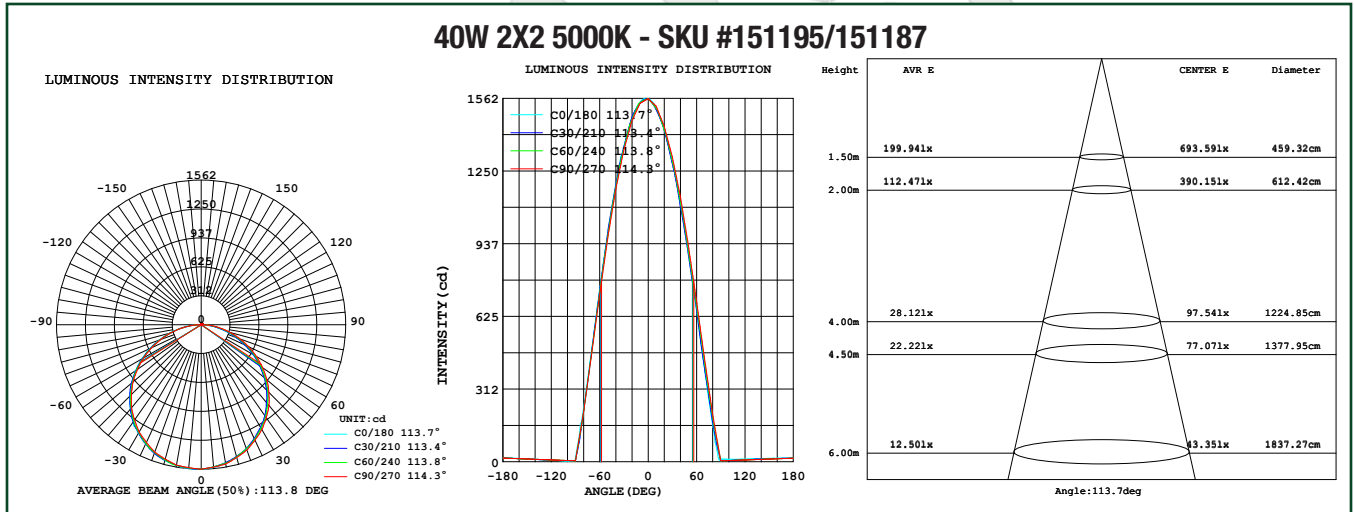**2X4 LED Quantity: 96**

CORRELATED COLOR TEMPERATURE (CCT)

COOL WHITE

5000K ▶

NEUTRAL WHITE

4000K ▶

WARM WHITE

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LED FLAT PANELS

LED Flat Panel Lights
OS Series

Distribution Diagram

40W 2X2 5000K - SKU #151195/151187

LUMINOUS INTENSITY DISTRIBUTION

UNIT:cd
C0/180 113.7°
C30/210 113.4°
C60/240 113.8°
C90/270 114.3°
AVERAGE BEAM ANGLE(50%):113.8 DEG

LUMINOUS INTENSITY DISTRIBUTION

C0/180 113.7°
C30/210 113.1°
C60/240 113.8°
C90/270 114.3°

INTENSITY (cd) / ANGLE (DEG)

Height	AVR E	CENTER E	Diameter
1.50m	199.941lx	693.591lx	459.32cm
2.00m	112.471lx	390.151lx	612.42cm
4.00m	28.121lx	97.541lx	1224.85cm
4.50m	22.221lx	77.071lx	1377.95cm
6.00m	12.501lx	43.351lx	1837.27cm

Angle:113.7deg

40W 2X2 4000K - SKU #151196/151183

LUMINOUS INTENSITY DISTRIBUTION

UNIT:cd
C0/180 112.7°
C30/210 112.8°
C60/240 114.2°
C90/270 115.0°
AVERAGE BEAM ANGLE(50%):113.7 DEG

LUMINOUS INTENSITY DISTRIBUTION

C0/180 112.7°
C30/210 112.8°
C60/240 114.2°
C90/270 115.0°

INTENSITY (cd) / ANGLE (DEG)

Height	AVR E	CENTER E	Diameter
1.50m	208.581lx	709.161lx	450.85cm
2.00m	117.321lx	398.901lx	601.13cm
4.00m	29.331lx	99.731lx	1202.27cm
4.50m	23.181lx	78.801lx	1352.55cm
6.00m	13.041lx	44.321lx	1803.40cm

Angle:112.7deg

40W 2X4 5000K - SKU #151189/151180

LUMINOUS INTENSITY DISTRIBUTION

UNIT:cd
C0/180 113.3°
C30/210 112.0°
C60/240 111.3°
C90/270 111.3°
AVERAGE BEAM ANGLE(50%):112.0 DEG

LUMINOUS INTENSITY DISTRIBUTION

C0/180 113.3°
C30/210 112.0°
C60/240 111.3°
C90/270 111.3°

INTENSITY (cd) / ANGLE (DEG)

Height	AVR E	CENTER E	Diameter
1.50m	234.361lx	776.421lx	440.49cm
2.00m	131.831lx	436.741lx	587.33cm
4.00m	32.961lx	109.181lx	1174.65cm
4.50m	26.041lx	86.271lx	1321.48cm
6.00m	14.651lx	48.531lx	1761.98cm

Angle:111.5deg

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LED Flat Panel Lights
OS Series

Dimensions

2X2' Model

1.5"

Driver

24"

1"

24"

Driver

Back View

1.5"

15"

6"

Driver Box

2X4' Model

1.5"

Driver

24"

1.5"

48"

Driver

Back View

1.5"

15"

6"

Driver Box
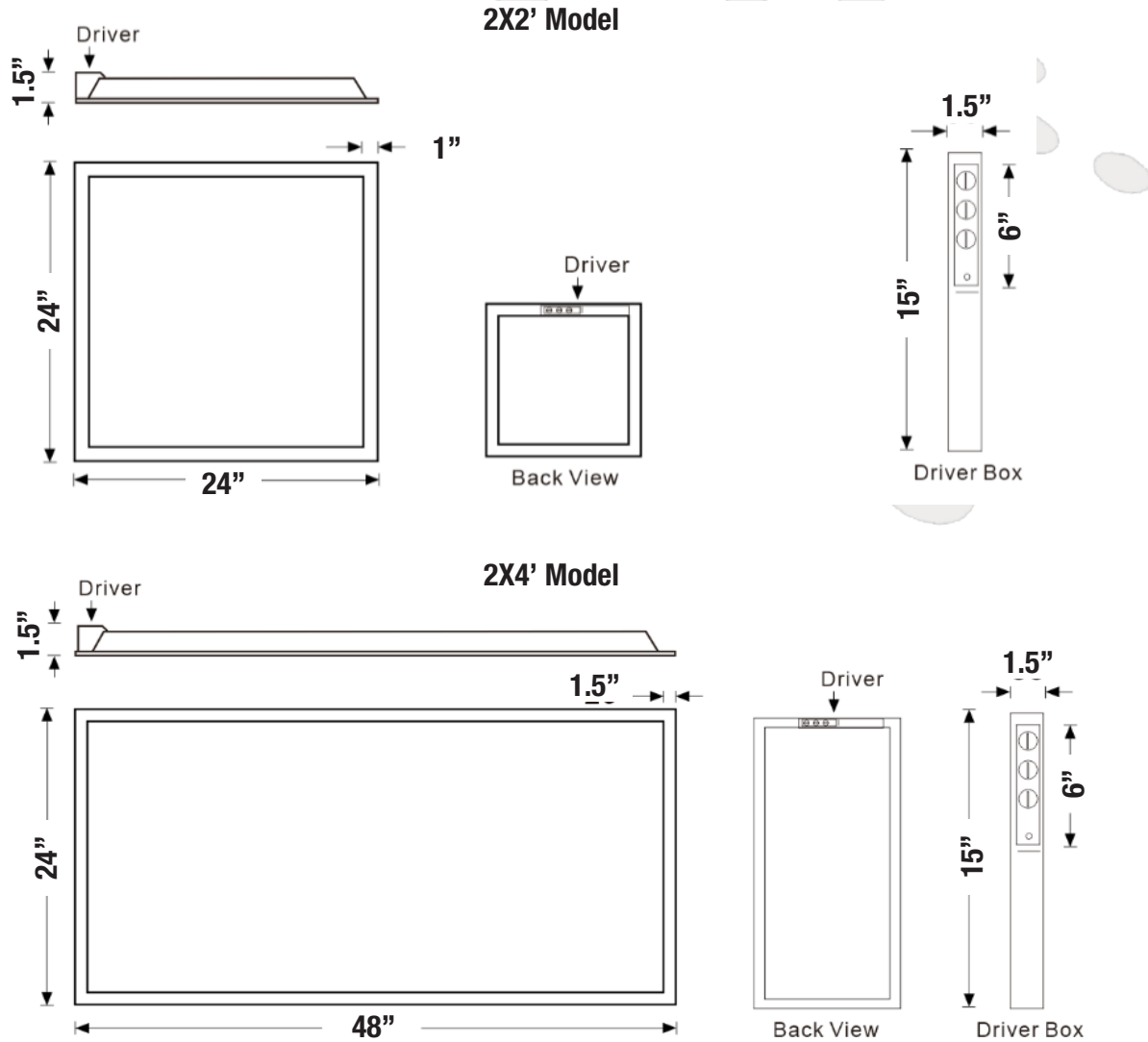
Packing

SKU #	Model Type	Pieces per Carton	Dimensions	Weight
151183 / 151187	2X2' Model	4	50" X 9" X 26"	21 Lbs.
151180	2X4' Model	4	26" X 9" X 26"	40 Lbs.

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4

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Mounting Options

Pendant/Suspension	Surface	Recessed

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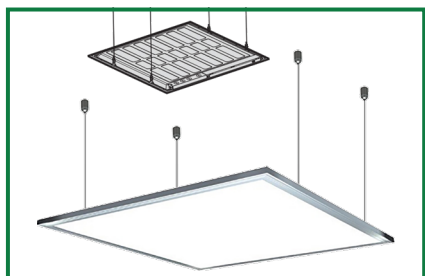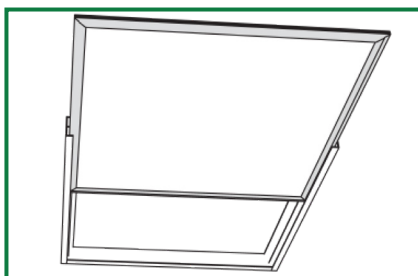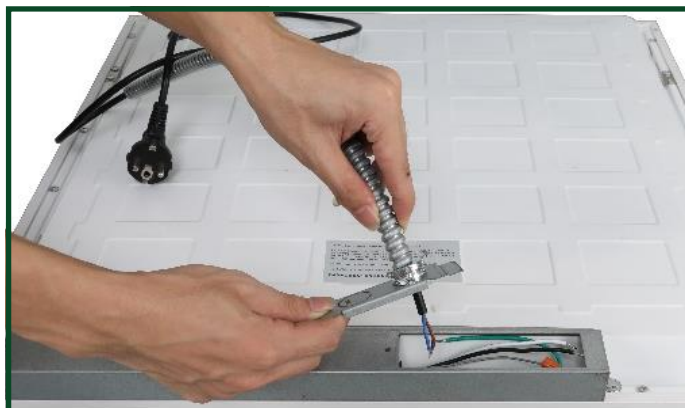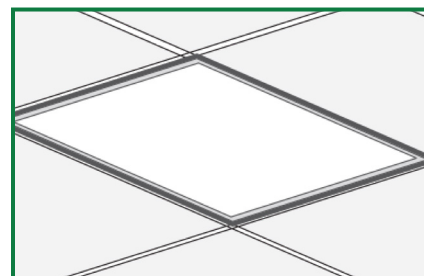
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OS Series

Application

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6