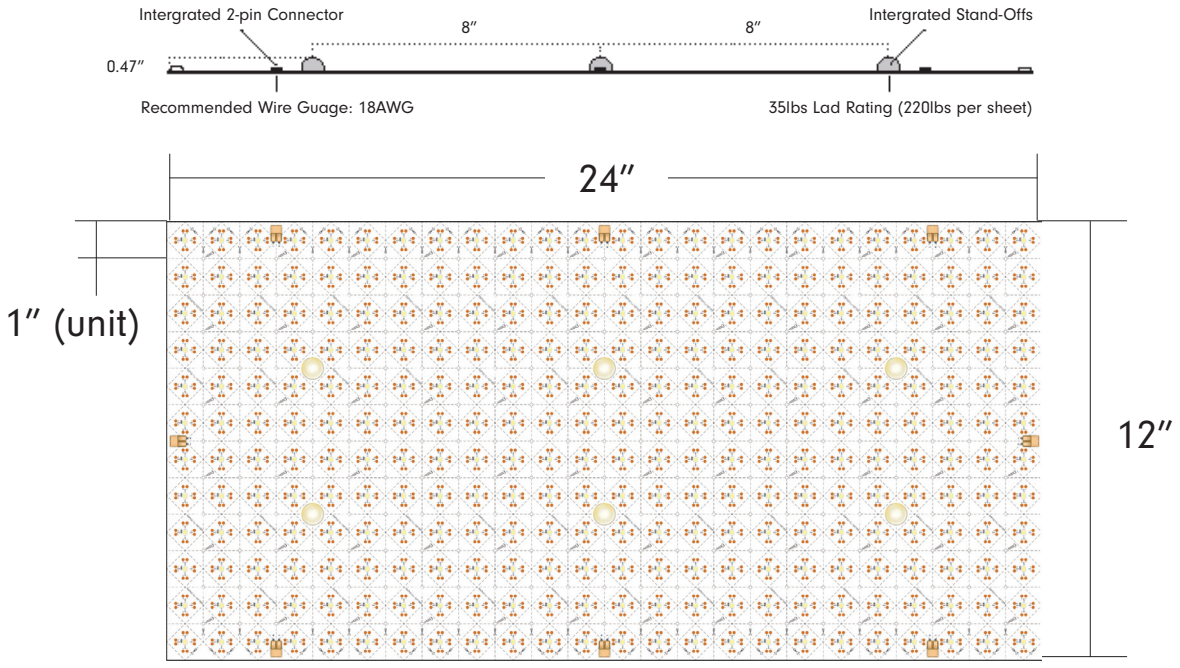
Project: _____ TYPE: _____

- Ideal for back lighting semi-translucent materials: Acrylic, fabric, marble
- Field cuttable on-site for an accurate fit
- 1″ x 1″ Unit cuttable
- 3M peel and stick backing for quick installation
- Built-in terminal ports make it easy to run power from any side
- Integrated 1/2″ stand-offs spaced every 8 inches at 35lb load rating (220lbs per sheet)

IP54 c UL us LISTED

Sheet Dimensions



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Order Specification Guide

Note: A layout/drawing must accompany each order showing run length and location

PRODUCT CODE		LED TYPE		DIMENSIONS		VOLTAGE
ILW2	-		-	**01**	-	**24**
ILW2 = Illumiwall 2		**24** = 2400K **27** = 2700K **30** = 3000K **40** = 4000K **50** = 5000K		**01** = Sheet 12″x24″		**24** = 24V DC

Specifications

12″x24″ Sheet Output @ 95%	2400K	2700K	3000K	4000K	5000K
Lumens (lm/sheet)	CF	CF	CF	1840	CF
Lumens (lm/unit)	CF	CF	CF	6.3	CF
Lumens (lm/ft^2)	CF	CF	CF	920	CF
CRI	95.3				
R9	71.9				
Beam Angle	120°				
Electrical					
Input Voltage	24V DC				
Power Consumption (W/sheet)	20W				
Maximum Run	5 sheets per 96W circuit				
Control					
Dimming	MLV, ELV, TRIAC				
Physical					
Dimensions	Sheet: 12″x24″ / Unit: 1″x1″				
LED	2835				
LED Qty	Sheet: 288 pcs. / Unit: 1 pcs.				
Beam Angle	120°				
Cut Increment	1″ Unit				
Copper Trace	3 Ounce				
Adhesive	3M VHB				
Operating Temperature	-20°C to 45°C (-4°F to 113°F)				
Certification and Testing					
Certification	cULus, RoHS				
Environment	Damp Location				
IP Rating	IP54				
Life Span	50,000 hrs.				
Warranty	5 years				

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Photometrics (based on 12″x24″)

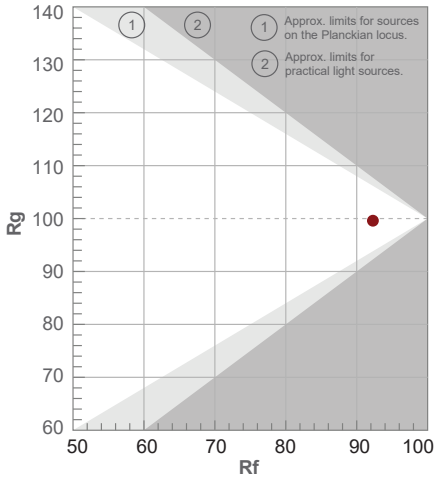
Rf 92.3

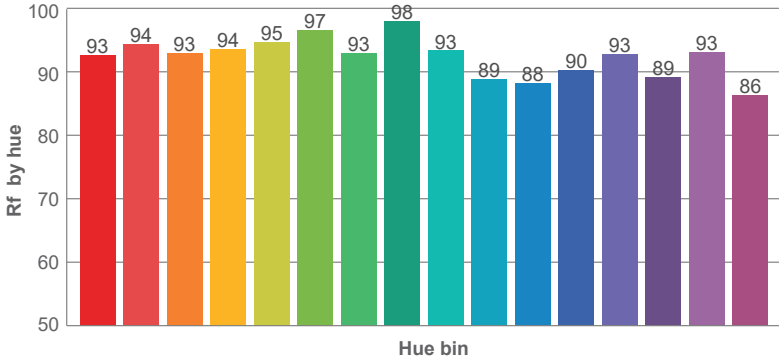
Fidelity index Rf

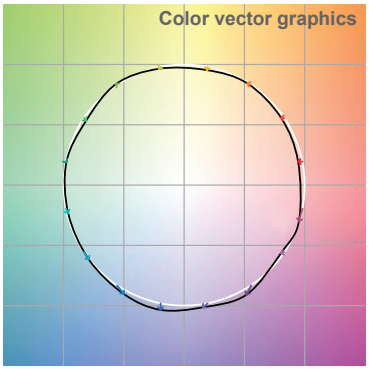
Rg 99.6

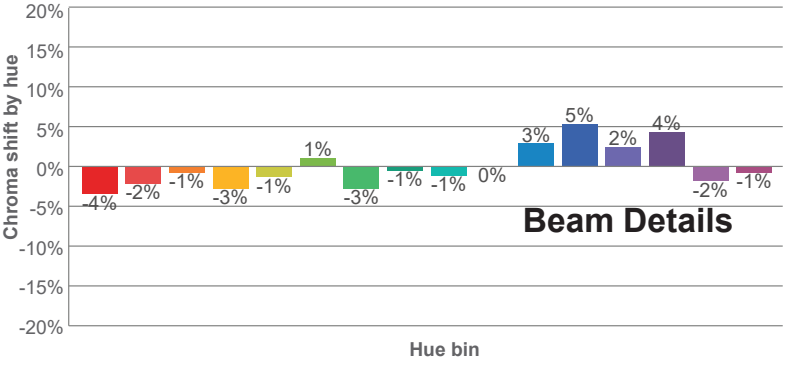
Gamut index Rg

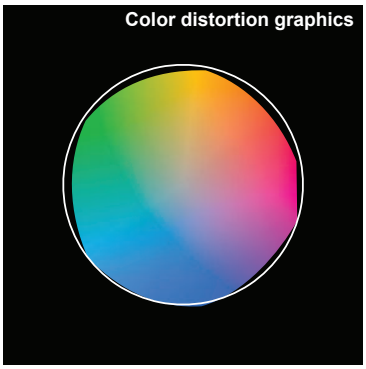
Hue Bin	R_f	Shifts (%) Chroma	Hue
1	93	-4%	1%
2	94	-2%	2%
3	93	-1%	3%
4	94	-3%	0%
5	95	-1%	2%
6	97	1%	0%
7	93	-3%	1%
8	98	-1%	1%
9	93	-1%	4%
10	89	0%	7%
11	88	3%	8%
12	90	5%	1%
13	93	2%	-5%
14	89	4%	-7%
15	93	-2%	-2%
16	86	-1%	-11%

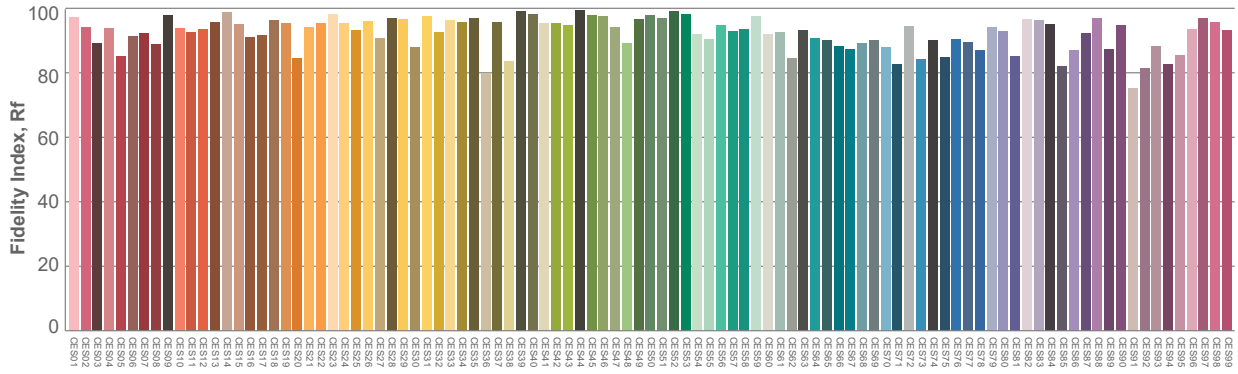












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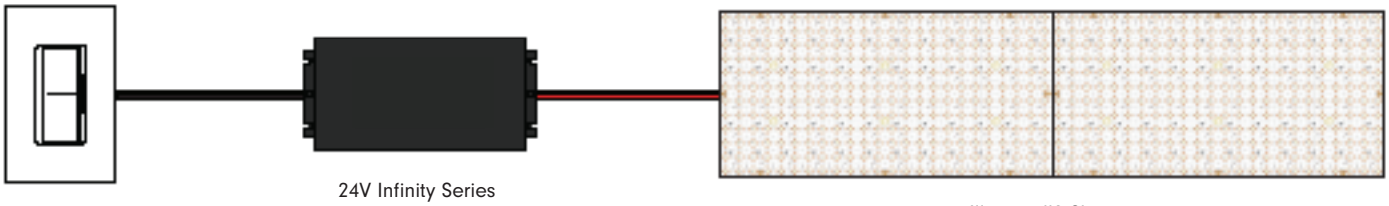
Wiring Diagram

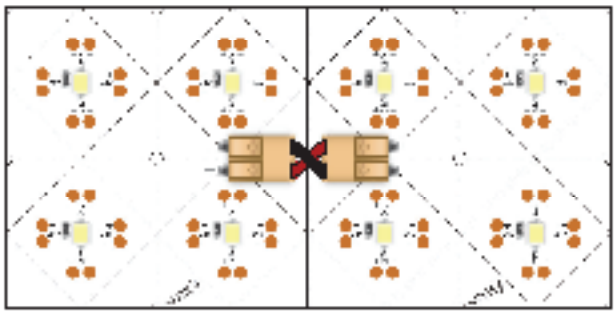


Standard Dimmer

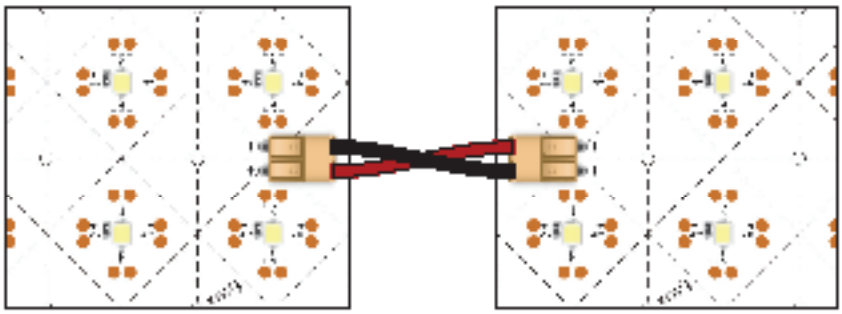
24V Infinity Series
Power Supply

Illumiwall2 Sheet

Note: Illumiwall2 is polarity specific. Please connect wires according to layout shown



Side-By-Side linking



Jumper link

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Power Supplies

INFINITY - MLV / ELV / 0-10V / PWM / TRIAC

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	MIN LOAD	CIRCUIT CAPACITY
Infinity Series Class 2 Transformer	INF-J-30-1-1.3-24	Indoor / Outdoor	100 - 277V AC	24V DC	1	30W	3W	1.3A
	INF-J-60-1-2.5-24				1	60W	6W	2.5A
	INF-J-96-1-4-24				1	96W	9W	4A
	INF-J-192-2-4-24				2	2x96W	2x9W	2x4A
	INF-J-288-3-4-24				3	3x96W	3X9W	3x4A

ER

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ER Series Class 2 Driver	ER-80-1-3.3-24-D	Indoor / Outdoor	100-277V AC 5o/60 Hz	24V DC	1	80W	3.3A
ER Series Class 2 0-10V Dimming	ERG-80-24-DIM1-10						

ADUL/ADNM - NON DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL/ADNM Series Class 2 Transformer	ADNM-90-1-4-24-D	Indoor / Outdoor	100-277V AC 50/60 HZ	24V DC	1	90W	3.75A
	ADUL-120-1-4-24-D	Indoor			1	96W	4A
	ADUL-240-2-4-24-D	Indoor			2	2x96W	2x4A
	ADUL-320-3-4-24-D	Indoor			3	3x96W	3x4A

ADUL/ADNM - 0-10V DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL/ADNM Series Class 2 Transformer	ADNM-90-1-4-24-DOT	Indoor / Outdoor	100-277V AC 50/60 HZ	24V DC	1	90W	3.75A
	ADUL-120-1-4-24-DOT	Indoor			1	96W	4A
	ADUL-240-2-4-24-DOT	Indoor			2	2x96W	2x4A
	ADUL-320-3-4-24-DOT	Indoor			3	3x96W	3x4A

ADUL/ADNM - DMX SINGLE ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL/ADNM Series Class 2 Transformer	ADNM-90-1-4-24-DIN	Indoor / Outdoor	100-277V AC 5o//60 Hz	24V DC	1	90W	3.75A
	ADUL-120-1-4-24-DIN	Indoor			1	96W	4A
	ADUL-240-2-4-24-DIN	Indoor			2	2x96W	2x4A
	ADUL-320-3-4-24-DIN	Indoor			3	3x96W	3x4A

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Power Supplies

ADUL - DMX MULTI ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-240-2-4-24-DIN-2	Indoor	100-277V AC 5o/60 Hz	24V DC	2	2x96W	2x4A
	ADUL-320-3-4-24-DIN-3				3	3x96W	3x4A

ADNM - DMX/DALI FLICKER-FREE FOR TV STUDIO

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-120-1-4-24-DTV	Indoor / Outdoor	100-277V AC 50/60 HZ	24V DC	1	1x96W	1x4A
	ADNM-240-2-4-24-DTV				2	2x96W	2x4A
	ADNM-320-3-4-24-DTV				3	3x96W	3x4A

Dimmers

DIMMING - 0-10V

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
0-10V Dimmer	DIM-LD-010	Indoor	12V/24V DC	12V/24V DC	30 mA max. output (sink only)

DIMMING -MLV

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
MLV Dimmer	N-600	Indoor	120V AC	120V AC	450W
	N-1000				800W
	N-1500				1200W
	D-600				450W
	M-600				450W
	M-1000				800W

DIMMING - ELV

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
ELV Dimmer	ME-600	Indoor	120V AC	120V AC	450W
	DE-300				300W

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Dimmer + Driver

STANDARD STATIC DRIVER + DIMMER 2 IN 1

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
Standard Driver + Dimmer Static 2 in 1 Class 2	TDD-1-XXX-24	Indoor	120V AC 60Hz	24V DC	1	96W	4A

WIRELESS STATIC DRIVER + DIMMER 2 IN 1

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
Wireless Driver + Dimmer Static 2 in 1 Class 2	TDD-1-XXX-24-KIT	Indoor	120V AC 60Hz	24V DC	1	96W	4A

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