

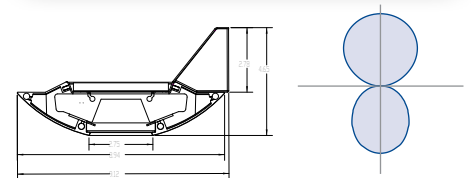
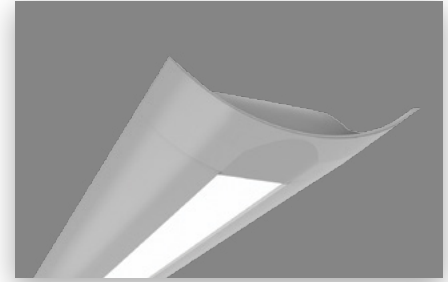
Arcos LED Wall Indirect/Direct

Fixture Type:

Project Name:

Ordering Guide

Feature	Code	Options	Description
Series		13L	Arcos
Mounting		W	Wall
Fixture distribution		ID	Indirect/Direct
Uplight distribution		STD	Standard
Row length (in feet)		---	Enter in foot increments. Note fixture lengths below.
Max length in row		03 04 06 08	3', 914mm 4', 1219mm 6', 1829mm 8', 2438mm
Downlight diffuser		SOF BWO	Soft Diffuse Blade Baffle with Overlay
Finish/Color		C1 C2 C4 C5 C6 CC	Matte White (Default) Textured, Matte White Machined Aluminum Carbon Black Textured, Camera Black Custom Color
Color temperature		30K 35K 40K 2230TD 2750T 2765T	3000K 3500K 4000K 2200K-3000K SpectraSync™ Dim-to-Warm* 2700K-5000K SpectraSync™ Tunable White* 2700K-6500K SpectraSync™ Tunable White* *Must be ordered with D05 Driver option
Indirect output/ft <i>(specifiable in 50 lumens/ft increments)</i>		I025 I100	250 (not available in 3' individual) 1000
Direct output/ft <i>(specifiable in 50 lumens/ft increments)</i>		D015 D090	150 (not available in 3' individual) 900
Driver		NDM D10 D01 D05 LEC LHI	Non Dimming Osram 10% Dimming Osram 1% Dimming 5% Dimming, 0-10V Hi-lume 1% EcoSystem LED driver Hi-lume 1% 3-wire LED driver
Circuiting		1C 2C	1 Circuit 2 Circuit-Up Light/ Down Light
Voltage		UNV 120 240 277	Universal Voltage 120 Volt 240 Volt 277 Volt



Key Features

- Variable Intensity technology provides independently-adjustable uplight and downlight levels
- Windowless design provides for continuous lens along all fixture lengths
- 2 SDCM color variation

Performance

Nomenclature	Lumens/ft	W/ft	Efficacy
Uplight (STD distribution)			
I025 (min)	250	2.1	119
I050	500	3.8	132
I075	750	5.7	132
I100 (max)	1000	7.9	127
Downlight			
D015 (min)	150	1.8	83
D025	250	2.6	96
D050	500	4.9	102
D075	750	7.3	103
D090 (max)	900	8.9	101



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13L-W

Arcos LED Wall Indirect/Direct

Ordering Guide (cont)

Optional Features	Code	Options	Description
Nightlight		_NL	Nightlight Circuit Required. Enter quantity. 2NL = 2 nightlight circuits/row
Emergency		BLP1	Bodine BSL310LP. Indicate how many in the row. Example: 2BLP1= 2 Emergency batteries/row
Thru-wiring		W1 W2 W3	No Thru Wire Provide Normal and Emergency Thru Wiring* Provide Normal Thru Wiring Only *Only applicable when specified with Emergency
Sensors		_SD1	Daylight Sensor Required. Enter quantity. 2SD1 = 2 daylight sensors/row
Dust cover		L1	Clear Acrylic Dust Cover Lens

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Details

Construction:

Extruded aluminum housing

Finish:

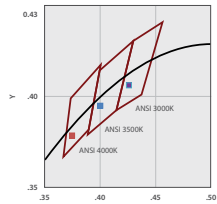
Visit www.litecontrol.com/finishes for details.

Downlight diffuser:

SOF-Softglo acrylic lens (ships installed)
BWO-While blade baffle with softglo lens overlay (ships installed)

CCT:

30K-3000K output multiplier 0.975
35K-3500K output multiplier 1.0
40K-4000K output multiplier 1.05



Color variation:

2 step MacAdam ellipse

Output (Vi Technology):

Variable Intensity (VI) technology allows precise specification of fixture output/wattage. Fixture will be programmed & labeled to specification. See Output section for available increments.

Output:

Indirect and direct hemispheres can be independently specified. Specify each in 50 lumen increments/ft within the below range:

	Lumens/ft	Nomenclature
Indirect		
Min:	250	I025
Max:	1000	I100
Direct		
Min:	150	D015
Max:	900	D090

Driver:

NDM: Non-dimming. Fixture will be wired for fixed light output.
D10: Low voltage 0-10V dimming control. 100%-10% dimming range.
D01: Low voltage 0-10V dimming control. 100%-1% dimming range.
D05: Osram 5% Dimming, 0-10V. Only option if either 2230TD, 2750T or 2765T is selected.
LEC: Lutron Ecosystem-compatible using Lutron A-Series driver. 100%-1% dimming range.
LHI: Lutron Hi-Lume 3 wire dimming-compatible using Lutron A-Series driver. 100%-1% dimming range.

Circuiting:

1C (1 Circuit) Uplight and downlight switched/dimmed together.
2C (2 Circuit uplight/downlight) Uplight and downlight switched/dimmed separately. Two power feeds required.

Mounting:

Wall brackets ship separately. Install over standard 2x4" junction box. 2 brackets required for each fixture section. Each bracket installs 12" in from fixture end.

Sensors:

Daylight sensor only (Wattstopper part# FD301). Installs within diffuser; cover plate ensures clean fit/finish. Can be installed at any fixture joint. See separate LC-Controls spec sheet for additional details.

Nightlight:

See separate LC-Nightlight spec sheet for additional details.

Emergency:

Integral-Bodine BSL310LP
Inverter-Compatible. Provided by others.

Thru wiring:

See separate LC-Thruwire spec sheet for additional details.

Row joining:

Each row joint/end cap requires dowel pins (factory-supplied) which provide preliminary alignment and fixture support. 5/8" Philips pan-head screws (factory-supplied) install from above to ensure tight, consistent seams.

End caps:

Die-cast aluminum. Sculpted-style only.

Field accessibility:

LED boards and drivers can be accessed and removed from above fixture, while installed. LED boards can be replaced either individually or as part of 4' module.

Fixture weight:

3 lbs/ft. End cap 0.5 lbs each.

Ratings:

CSA listed for damp locations. IBEW. AF of L.

Warranty:

LED boards-5 years
LED drivers (standard)-5 years
LED drivers (Lutron)-3 years

CRI:

80 minimum

CCT	CRI	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
30K	82	81	89	94	80	80	84	85	65	19	73	78	63	83	96
35K	83	82	90	94	81	81	85	87	68	24	75	78	62	84	97
40K	83	82	89	92	81	81	83	88	70	23	72	78	55	84	95

Rated life:

Tested in accordance to LM79-2008 & derived from EPA TM-21 calculator
L70: 280,000 hours (calculated per TM-21 extrapolated curve)
L70: >61,000 hours (reported per TM-21/LM80 6x's limitation)
L90: 72,000 hours (calculated per TM-21 extrapolated curve)
L90: >61,000 hours (reported per TM-21/LM80 6x's limitation)

Litecontrol reserves the right to change specifications without notice.

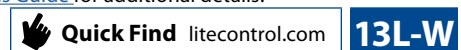
SpectraSync™ Color Tuning Technology:

Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with two distinct SpectraSync™ Color Tuning Technology.

Dim to Warm: Dim to Warm mimics the familiar warming effect that occurs with traditional incandescent sources as they are dimmed. (Available with 2200K-3000K).

Tunable White: Tunable White offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space. (Available with 2700K-5000K or 2700K-6500K).

See separate [SpectraSync™ Tech Sheet](#) for additional details.
See separate [NX™ Solutions Guide](#) for additional details.



Arcos LED Wall Indirect/Direct

Intensity Options

Using VI technology, output can be specified to 50 lumens per foot.

	Minimum Lumens / 1'	Maximum Lumens / 1'
Indirect Output:	250	1000
Direct Output:	150	900

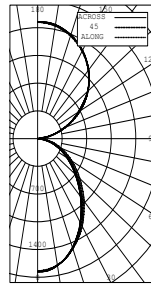
Specify based on **required distribution**. Assume a **75/25 distribution** is required:

Example 1 11L-W-ID-STD-200-08-BWO-C1-30K **I075** - **D025** -LEC-2C-277-15EFBLP1-15NL-W2-FA1/V/C3-2EF-1SD1-L1

Indirect output: 750 lumens/ft Direct output: 250 lumens/ft = 1000 total lumens/ft, 9.5W

Photometry

Fixture: 11L-W-ID-STD-04-04-SOF-C1-35K-I100/D085
CCT: 3500K
Output: I100/D085
Nominal lumens: Indirect: 1000/ft. Direct 850/ft.
Efficacy: 121 lm/W
Test report: 11L-W-ID-STD-04-04-SOF-C1-35K-I100/D085



ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	1226	14.90
0-40	1925	23.40
0-60	3153	38.34
0-90	3876	47.13
40-90	1952	23.73
60-90	723	8.79
90-180	4347	52.87
0-180	8225	100.0