

PROJECT:

NOTES:

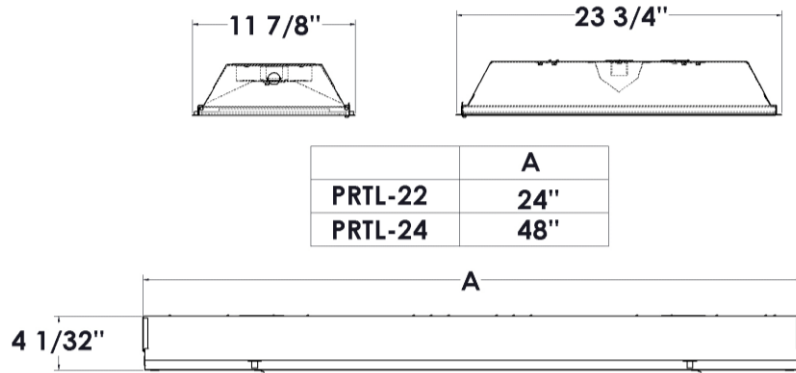
ORDERING INFORMATION:

EXAMPLE

PRTL - 24 - LED - 40 - 40 - A0 - MV - EM - CL6 - DIM

SERIES NOM. LENGTH SOURCE LUMENS KELVINS LENS VOLTAGE OPTIONS CONTROLS DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

SERIES

PRTL

KELVIN

30	3000K
35	3500K
40	4000K
50	5000K
TW	Tunable White

NOMINAL LENGTH

14	12"x 48"
22	24"x 24"
24	24"x 48"

SOURCE

LED

LENS

A0	Acrylic K12 - 0.95"
A1	Acrylic K12 - 0.125"
H1	White Opal Acrylic - 0.125"
L1	Frosted Acrylic - 0.118"
FA1	Frosted Acrylic K12 - 0.125"

LUMENS

Lumen Package*	Nom. Lumens	Wattage
12"x 48"		
30	3,000	21
40	4,000	28
50	5,000	35
24"x 24"		
30	3,000	21
40	4,000	28
50	5,000	35
24"x 48"		
40	4,000	28
60	6,000	41
80	8,000	52

VOLTAGE

MV	120-277V
347	347V

OPTIONS

EM	Emergency Power Pack
----	----------------------

CONTROLS

Click on the following link for control options:

<https://bit.ly/2C5IXqa>

DRIVER

BLANK	Non-dimming applications
DIM	Dimming applications

FEATURES

- > Fully-enclosed, cam latches for easy maintenance
- > T-slot hinge for positive retention when door is opened
- > Efficacies up to 145 lm/W
- > Made in Canada
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Tunable White option available
- > Multiple dimming protocols available
- > Variety of lenses available for smooth and uniform illumination
- > Reinforcement ribs and rolled edge channel provide superior strength

APPLICATIONS

- > Offices
- > Schools
- > Retail Stores
- > Commercial Applications

Nominal lumen output based on 4000 CCT.
May vary +/-5%. See fixture performance data.

*Other lumen packages available. Specify in increments of 100 nominal lumens.

For example, to specify 4,700 nominal lumens:

PRTL - [...] - 47 - [...]

ÉCLAIRAGES

PACO
LIGHTING

RECESSED STATIC TROFFER FOR T-BAR

PRTL

PROJECT:

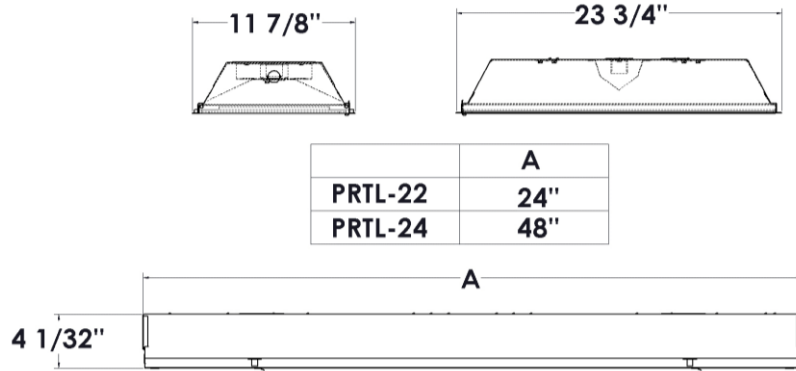
NOTES:

ORDERING INFORMATION:

EXAMPLE PRTL - 24 - LED - 40 - 40 - A0 - MV - EM - CL6 - DIM

SERIES NOM. LENGTH SOURCE LUMENS KELVINS LENS VOLTAGE OPTIONS CONTROLS DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

SERIES

PRTL

KELVIN

30	3000K
35	3500K
40	4000K
50	5000K
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40	4,000	28
50	5,000	35
24"x 48"		
40	4,000	28
60	6,000	41
80	8,000	52

VOLTAGE

MV	120-277V
347	347V

OPTIONS

EM	Emergency Power Pack
----	----------------------

CONTROLS

Click on the following link for control options:
<https://bit.ly/2C5IXqa>

DRIVER

BLANK	Non-dimming applications
DIM	Dimming applications

FEATURES

- > Fully-enclosed, cam latches for easy maintenance
- > T-slot hinge for positive retention when door is opened
- > Efficacies up to 145 lm/W
- > Made in Canada
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Tunable White option available
- > Multiple dimming protocols available
- > Variety of lenses available for smooth and uniform illumination
- > Reinforcement ribs and rolled edge channel provide superior strength

APPLICATIONS

- > Offices
- > Schools
- > Retail Stores
- > Commercial Applications

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 May vary +/-5%. See fixture performance data.

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For example, to specify 4,700 nominal lumens:

PRTL - [...] - 47 - [...]

ÉCLAIRAGES

PACO
LIGHTING

PROJECT:

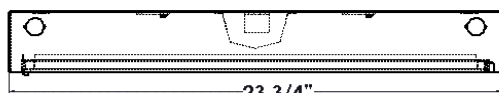
NOTES:

ORDERING INFORMATION:

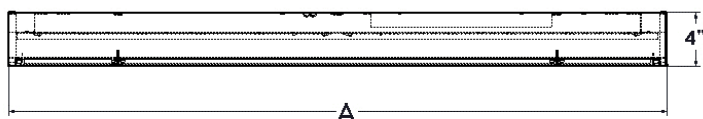
EXAMPLE PUSU - 24 - LED - 40 - 40 - S1 - L1 - MVOLT - DIM

SERIES	NOM. LENGTH	SOURCE	LUMENS	KELVINS	DOOR	DIFFUSER	VOLTAGE	DRIVER
PUSU	24	LED	40	40	S1	L1	MVOLT	DIM

SHOP DRAWINGS



	A
PUSU -14	48"
PUSU -22	24"
PUSU -48	48"



ORDERING INFORMATION

SERIES

PUSU

KELVIN

30	3000K
35	3500K
40	4000K
50	5000K
TW	Tunable White

NOMINAL LENGTH

14	12"x 48"
22	24"x 24"
24	24"x 48"

SOURCE

LED

DOORS

00	None
S2	Flush Steel Door, T-Hinged and latch

LUMENS

DIFFUSERS

00	None
A0	Acrylic K12 - 0.95" (standard)
A1	Acrylic K12 - 0.125"
H1	White Opal
L1	Frosted
L3	White Frosted High Grade Polycarbonate

VOLTAGE

MVOLT 120	277V
347	347V

OPTIONS

OCC	Occupancy Sensor
-----	------------------

DRIVER

BLANK	Non-dimming applications
DIM	Dimming applications

FEATURES

- > Specification grade surface mounted LED luminaire featuring low profile design and single edge to edge lens
- > Flush steel door with T-hinge for positive retention when opened
- > Variety of lenses available for smooth and uniform illumination
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Tunable White option available
- > Multiple dimming protocols available
- > Efficacies up to 145 lm/W
- > 100% made in Canada

APPLICATIONS

- > Offices
- > Schools
- > Retail Stores
- > Commercial Applications

Lumen Package*	Nom. Lumens	Wattage
12" x 48"		
30	3,000	21
40	4,000	28
50	5,000	35
24" x 24"		
30	3,000	21
40	4,000	28
50	5,000	35
24" x 48"		
40	4,000	27
60	6,000	41
80	8,000	52

Nominal lumen output based on 4000 CCT.

May vary +/-5%. See fixture performance data.

*Other lumen packages available.

Specify in increments of 100 nominal lumens.

For example, to specify 4,700 nominal lumens:

PUSU - [...] - 47 - [...]

ÉCLAIRAGES

LED

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

Housing – Precision die-formed C.R.S. housing

Door – Standard flush steel door with T-hinge is secured with latch.

Diffuser – Variety of diffusers available for smooth and uniform illumination

Finish – Baked white enamel powder finish applied post production on all surfaces for smooth edges and safe handling.

Electrical – High quality mid-power LED boards. L70 >50,000 hours

Mounting – Surface mounted

Listings –

■ CSA certified as luminaire suitable for dry or damp locations.

■ cUL certified as luminaire suitable for dry or damp locations.

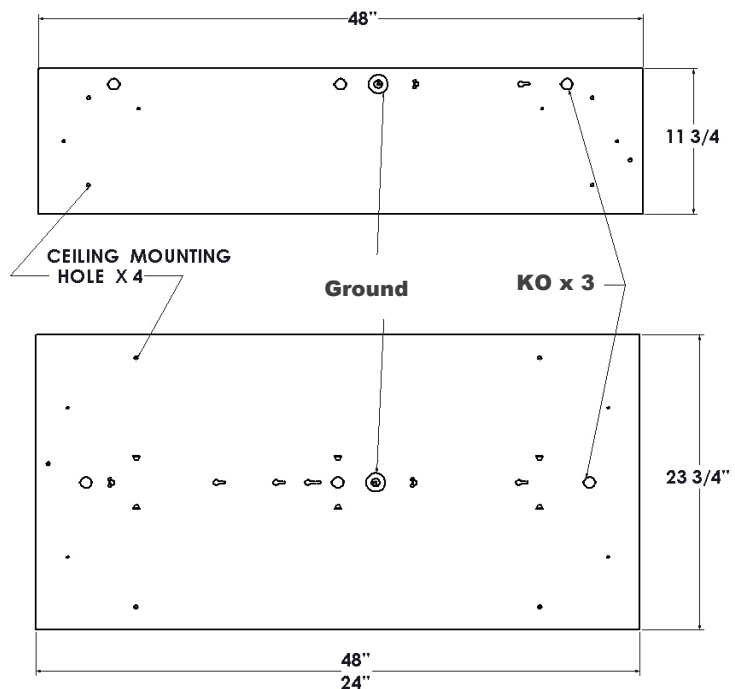
Warranty – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
12" x 48"			
30	3,109	21	148
40	4,142	28	148
50	5,190	35	148
24" x 24"			
30	3,018	21	144
40	4,025	28	144
50	5,044	35	144
24" x 48"			
40	4,312	27	160
60	6,458	41	158
80	8,152	52	157

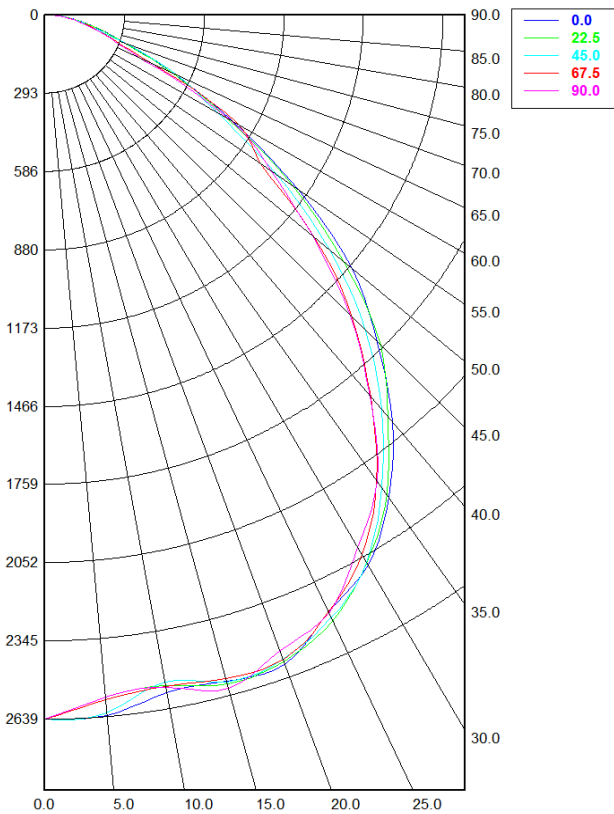
*Results based on 4000K, 80 CRI, Acrylic K12 - 0.95" (standard)

MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS



PHOTOMETRY



Candela Distribution

	0.00°	22.50°	45.00°	67.50°	90.00°
0.00°	2,638.59	2,638.59	2,638.59	2,638.59	2,638.59
5.00°	2,633.59	2,565.99	2,623.94	2,575.37	2,566.84
10.00°	2,579.92	2,551.01	2,537.87	2,555.63	2,556.69
15.00°	2,583.38	2,594.96	2,586.41	2,572.80	2,611.06
20.00°	2,585.56	2,575.29	2,566.99	2,567.38	2,533.84
25.00°	2,471.07	2,507.36	2,494.68	2,472.53	2,474.41
30.00°	2,381.29	2,372.00	2,370.22	2,336.76	2,305.47
35.00°	2,206.96	2,195.27	2,163.72	2,131.18	2,133.76
40.00°	1,992.21	1,965.90	1,931.36	1,866.74	1,861.96
45.00°	1,732.64	1,748.03	1,671.60	1,601.18	1,592.95
50.00°	1,478.80	1,439.34	1,371.66	1,298.63	1,282.92
55.00°	1,133.00	1,109.00	1,032.38	969.57	1,011.49
60.00°	796.89	776.88	728.66	819.73	785.50
65.00°	524.39	518.37	540.39	446.47	404.45
70.00°	326.77	317.74	313.94	258.96	255.32
75.00°	203.01	211.85	180.09	172.80	165.34
80.00°	118.73	123.04	113.05	106.23	104.34
85.00°	43.43	46.31	45.11	42.33	41.90
90.00°	7.83	9.35	9.53	9.29	8.72

Spacing Criterion:

Two luminaires, plane 0°	1.31
Two luminaires, plane 90°	1.27
Four luminaires	1.34

Zonal Lumen Summary

Zone	Lumens	% Fixture
0.00° - 10.00°	261.09	4.04%
10.00° - 20.00°	729.30	11.29%
20.00° - 30.00°	1,139.53	17.65%
30.00° - 40.00°	1,342.24	20.78%
40.00° - 50.00°	1,274.54	19.74%
50.00° - 60.00°	942.67	14.60%
60.00° - 70.00°	505.63	7.83%
70.00° - 80.00°	205.84	3.19%
80.00° - 90.00°	57.21	0.89%
90.00° - 100.00°	2.50	0.04%
100.00° - 110.00°	0.00	0.00%
110.00° - 120.00°	0.00	0.00%
120.00° - 130.00°	0.00	0.00%
130.00° - 140.00°	0.00	0.00%
140.00° - 150.00°	0.00	0.00%
150.00° - 160.00°	0.00	0.00%
160.00° - 170.00°	0.00	0.00%
170.00° - 180.00°	0.00	0.00%
0.00° - 90.00°	6,458.05	100.00%
90.00° - 180.00°	2.50	0.04%
0.00° - 180.00°	6,458.05	100.00%



Flush mount utilizing LED technology. Features a white acrylic lens. Suitable for a variety of applications: Corridors, entry ways, kitchens, offices, bedrooms and more

Specifications:

LED: Samsung 2323 or Philips Fortimo
Body: Steel
Finish: Powder coated gloss white housing
Mounting: Directly to standard J-box
Listing : Dry location

CRI: MIN 80+
Diffuser: See options
Driver Triac dimming; 0-10v dimming**
Warranty: 5 year on LED module/driver

LED information:

Size	Wattage	Lumens	Efficacy
11"	10.3	1236	120.0
11"	13.3	1641	123.3
14"	13.3	1641	123.3
14"	13.4	2200	164.1
14"	21.9	2781	126.9
19"	21.9	2781	126.9
19"	20.1	3300	164.1
19"	28.0	4000	142.8

*rated lumens @ 5000K

Dimensions:

Model	Diameter	Depth
LFM1611	11"	3.2"
LFM1614	14"	3.6"
LFM1619	19"	4.0"



We Ship to the U.S.A.



ORDERING INFORMATION

Example: LFM1614-2200L-30K-WA-UNV

MODEL #	LED MODULE	KELVIN	OPTIONS	VOLTAGE
LFM1611	1236L – 10.3w, 1236L*	30K – 3000K	WA – white acrylic LED lens	UNV – 120/277v Triac/0-10v**
	1641L – 13.3w; 1641L*	35K – 3500K	PA – prismatic acrylic***	347 – 347v 0-10v dimming
		40K – 4000K	P – polycarbonate	UNV0-10V – 0-10V dimming
LFM1614	1641L – 13.3w, 1641L*	50K – 5000K	T – tamper proof	
	2200L – 13.4w, 2200L*			
	2781L – 21.9w, 2781L**		MORBN – brushed nickel metal out ring	*NOTE: THE 11" 347V HAVE THE
LFM1619			MORWH – white metal out ring	FOLLOWING CONFIGURATIONS:
	2781L – 21.9w; 2871L**			6.8W FOR 1100 LUMENS
	3300L – 20.1w, 3300L**		SFM – 9" pendant stem for semi-flush	10.2W FOR 1650 LUMENS
	4000L – 28w; 4000L**			Ex: LFM1611-1100-30K-WA-347

*ships with standard Triac dimming unless specified otherwise **available in 0-10v dimming only ***not available in 19"



www.ovallighting.com

Job Name	
Type	
Part #	
Lamping	Voltage

APPLICATION

Small-aperture medium-distribution downlight is suitable for commercial, retail and institutional applications that require an energy saving, long life LED lamp source, high lumen output and excellent color rendering characteristics.

PRODUCT DATA

REFLECTOR: The parabolic reflector redirects spill light from the lamp, eliminates high angle glare, and features a 45° cut-off to source and source image. A 5/8" overlap flange is standard. Supplied standard with Specular Clear Alzak, other reflector finishes are available in order to provide maximum flexibility to the designer.

DECORATIVE ACCESSORY: Round disc is fabricated from soda lime glass (ICE4) or borosilicate glass (ICE4BS) and is suspended from reflector by satin-finished stainless hardware. Glass features a frosted center ring with center opening.

HOUSING: Heavy-gauge galvanized steel housing provides a secure mounting platform for the electrical components and protects the optical assembly. Standard plaster flange allows one-inch ceiling thickness. LED module is accessible from below.

MOUNTING: Universal mounting brackets adjust vertically and accept L-BAR interlocking, expandable, C-channel hanger bars which are supplied standard. L-BARS are suitable for T-bar, wood joist, and metal joist ceiling styles. Additional features on last page.

ELECTRICAL: Standard 120 or 277 VAC, 50-60 Hz. Optional 347V (E3).

JUNCTION BOX: Heavy-gauge galvanized junction box pre-wired with grounding pigtail. Easy access covers. Multiple conduit knockouts listed for through branch circuit wiring.

LED MODULE & DRIVER: LED Module and Xitanium drivers are manufactured by Philips Lighting. 80 CRI is standard. 90 CRI available.

DIMMING: Standard product is compatible with 0-10 volt dimming controls. See below for additional options.

HEAT MANAGEMENT: Engineered heat sink provides passive cooling for optimum heat management of the LED engine. Philips Xitanium drivers, when used with Flex LED module, features an intelligent thermal feedback loop that monitors the temperature of the LED module. Power will be reduced if the temperature exceeds the optimum operating level. LED will dim in response but will not extinguish. This feature extends the life of both the LED module and driver.

- Expected lamp life to be 50,000 hours with 70% lumen maintenance when ambient temperatures do not exceed 45°C. Lower ambient temperatures yield longer lamp life.

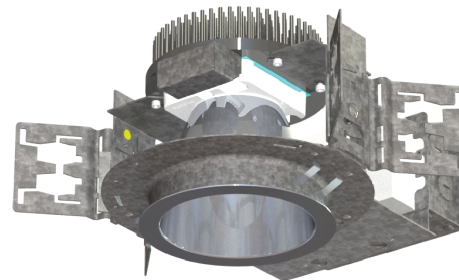


For Damp Location

CALIBER
COMMERCIAL

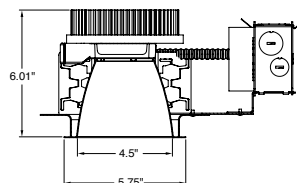
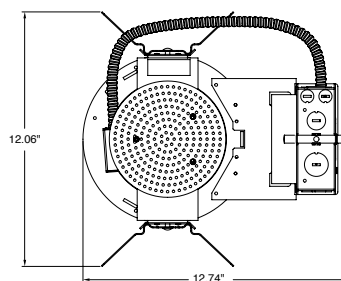
SERIES 4VLFL2X Recessed LED Downlight 688 - 4159 Lumen Flex

**5 Year
Warranty**



Available with suspended decorative glass disk.

[CLICK HERE for more styles](#)



Rough Opening 5.13"

Catalog #:

4VLFL2X

Example: 4VLFL2X11004KE1DA

Fixture Series	Delivered Lumens (Open Reflector)	Color Temp.	Input Voltage	Dimming
4VLFL2X	800 (688L, 7W)			
	1100 (983L, 10W)			
	1500 (1315L, 14W)			
	2000 (1684L, 20W)	5K ^s (5000K)	120/277V When Using DA, DB Dimming*	DA, DB Xitanium 1% 0-10V (linear) standard
	3000 (2531L, 29W)	4K (4000K)		
	4000 (3368L, 40W)	35K (3500K)		
	5000 (4159L, 50W)	3K (3000K)	E1 120 Volt* E2 277 Volt* E3 347 Volt [^]	More Options On Next Page
	C9 = 90 CRI	27K ^s (2700K)		
	See third page for delivered lumens data and 90 CRI wattages.			

^s 5000K only available in 80 CRI.

^s 2700K only available in 90 CRI (C9).

* Input voltage (E1, E2) not required to be specified with standard dimming (DA, DB).

[^] DMX PathWave, and 347V input (E3) options are not compatible with emergency battery options.

Fixture:	Type:
Project:	

4VLED

Example: 4VLEDSCPLP

Trim	Trim Finish w/polished flange
4VLED – 62° Downlight Reflector	
	SCLPF – Soft Specular Clear Alzak
	MWH – Matte White Painted Finish
	ICE4 – Decorative Glass Accessory ^s
For white painted flange, drop "PF" from Catalog #. For other finishes, consult last page.	

Options

- ☐ EM[^] = Emergency Battery Pack w/remotely located Test Switch
- ☐ IEM[^] = EM Battery Pack w/ Integral Test Switch. (Not Available for Wet Location or Lensed Fixtures)
- ☐ X = Provision for Suspended Glass Lens (ICE4)^s

Manufactured and tested to UL#1598/8750 and CSA standards. Fixtures are not designed for direct contact with insulation.

All Pathway® products meet or exceed requirements as established by the National Electrical Code. Specifications subject to change without notice. Alzak® is a registered trademark of Alcoa.



Pathway Lighting Products, Inc., P.O. Box 591, Old Saybrook, CT 06475-0591
voice 800.342.0592 • fax 800.207.0090 • www.pathwaylighting.com • e-mail: sales@pathwaylighting.com

LDFX20.0
CNMDUA

Dimming Options:

Specify option by suffix (shown in bold-face type)

Our White Paper regarding Linear vs. Logarithmic Operating Characteristics is available in our 'Downloads' section of our website, or you may request one by emailing Sales@PathwayLighting.com

Please specify input voltage when using a dimming option other than DA or DB. E1= 120 volt, E2= 277 Volt.

0-10V Dimming Options	Lutron Dimming Options	DALI Dimming Options	Forward/Reverse Phase Options
DA = Xitanium 1% 0-10V (linear)* DB = Xitanium 1% 0-10V (logarithmic)* DC = EldoLED 0-10V 0% (logarithmic) DD = EldoLED 0-10V 1% (logarithmic) DE = EldoLED 0-10V 0% (linear) DF = EldoLED 0-10V 1% (linear) DS = Sage 0-10V 1% (linear) 347V only	Max Lumen= 4000 at 80 CRI, or Max Lumen= 3000 at 90 CRI DG = Lutron Eco 1% (linear) DJ = Lutron 2 wire 1% (linear)	DK = EldoLED DALI 0% (logarithmic)** DL = EldoLED DALI 1% (logarithmic)**	Max Lumen= 3000 at 80 CRI, or Max Lumen= 2000 at 90 CRI DM = 120V 2-wire forward/reverse phase 1% (linear)
DMX^ Dimming Options (interfaced through 0-10V driver)	PathWave^ Wireless Dimming Options (interfaced through 0-10V driver)	RDM DMX	
XA = DMX Xitanium 1% (linear)^ XB = DMX Xitanium 1% (logarithmic)^ XC = DMX EldoLED 0% (logarithmic)**^ XD = DMX EldoLED 1% (logarithmic)**^ XE = DMX EldoLED 0% (linear)**^ XF = DMX EldoLED 1% (linear)**^	PA = PathWave/Xitanium 1% 0-10V (linear)^ PB = PathWave/Xitanium 1% 0-10V (logarithmic)^ PC = PathWave/EldoLED 0% (logarithmic)**^ PD = PathWave/EldoLED 1% (logarithmic)**^ PE = PathWave/EldoLED 0% (linear)**^ PF = PathWave/EldoLED 1% (linear)**^	XG = DMX EldoLED 0% (logarithmic)** XH = DMX EldoLED 0% (linear)**	

* Xitanium driver (DA, DB) is the standard dimming option and does not require that 120V input (E1) or 277V input (E2) to be specified.

** Max Lumen= 5000 at 80 CRI, or Max Lumen= 4000 at 90 CRI.

^ DMX, PathWave and 347V input (E3) options are not compatible with emergency battery options.

Delivered Lumen Data - 80 CRI (3500K Color Temperature)

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VLFL2X80035KDA,DB	4VLEDSCLPF	800	7	688	62°	98.3
4VLFL2X110035KDA,DB	4VLEDSCLPF	1100	10	983	62°	98.3
4VLFL2X150035KDA,DB	4VLEDSCLPF	1500	14	1315	62°	93.9
4VLFL2X200035KDA,DB	4VLEDSCLPF	2000	20	1684	62°	84.2
4VLFL2X300035KDA,DB	4VLEDSCLPF	3000	29	2531	62°	87.3
4VLFL2X400035KDA,DB	4VLEDSCLPF	4000	40	3368	62°	84.2
4VLFL2X500035KDA,DB	4VLEDSCLPF	5000	50	4159	62°	83.2

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.

Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.98

Delivered Lumen Data - 90 CRI (3500K Color Temperature)

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VLFL2X800C935KDA,DB	4VLEDSCLPF	800	9	736	62°	81.8
4VLFL2X1100C935KDA,DB	4VLEDSCLPF	1100	12	983	62°	81.9
4VLFL2X1500C935KDA,DB	4VLEDSCLPF	1500	17	1308	62°	77.0
4VLFL2X2000C935KDA,DB	4VLEDSCLPF	2000	24	1660	62°	69.2
4VLFL2X3000C935KDA,DB	4VLEDSCLPF	3000	36	2751	62°	76.4
4VLFL2X4000C935KDA,DB	4VLEDSCLPF	4000	48	3392	62°	70.7
4VLFL2X5000C935KDA,DB	4VLEDSCLPF	5000	62	4180	62°	67.4

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.

Scaling factors for other color temperatures: 2700K = 0.93 ; 3000K = 0.97 ; 4000K = 1.03

OPTIONS & ACCESSORIES

Available Reflector Finishes



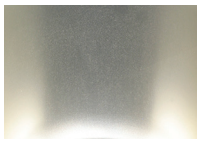
Clear
Soft Specular **"SCL"**



Pewter
Diffused **"EPW"**
Soft Specular **"SPW"**



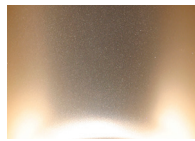
Haze
Diffused **"HAZ"**



Straw
Diffused **"EST"**
Soft Specular **"SST"**



Bronze
Diffused **"EBZ"**
Soft Specular **"SBZ"**



Wheat
Diffused **"EWT"**
Soft Specular **"SWT"**

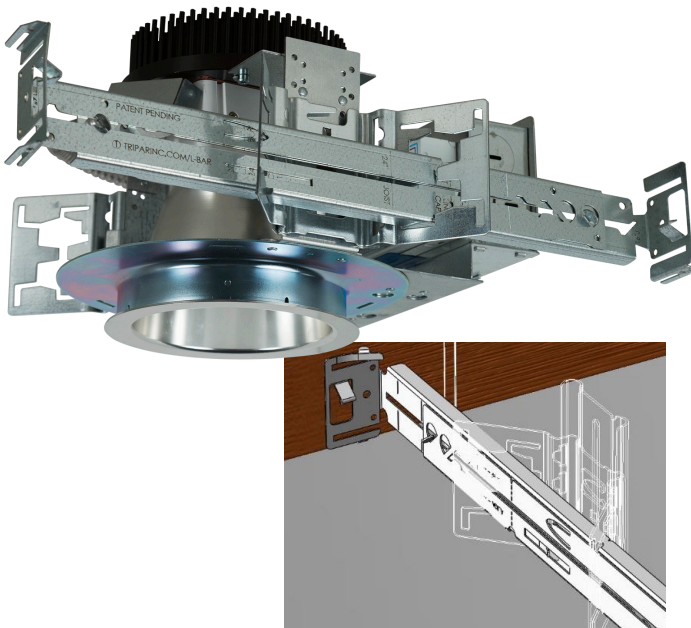
Our standard reflector finish is soft specular clear Alzak (SCL) with a polished self-flange (PF). Additional hues are noted to left. Several of these are offered in both a soft specular and a diffused/matte finish. For colors not shown, contact our sales department for advice on custom anodized finishes.

Specified suffix of desired finish.

Example: 4VLEDSCLPF

For white painted flange omit PF.

Standard Hanger Bars



Interlocking L-Bar hanger bars are now standard with all recessed Coventry Architectural lighting fixtures.

Installer friendly features include:

- L-Bars are fabricated from identical L-shaped cross sections that form a sturdy ½" by 1-1/2" C-channel profile for superior rigidity.
- Pre-marked with spacing locations for 24" T-bar; 16" and 24" joist ceilings (wood and metal).
- Extension locks with an easy-to-use integral twist tab. No separate fastener.
- Interlocking and expandable to 24". Can be increased to 36" or 48" with the use of one additional bars.
- Allows for offset mounting.
- Integral and barbed nail spike for wood joist ceilings.
- Fits into the C-channel notches on our butterfly mounting bracket.
- Complete details including video demonstration is available at www.pathwaylighting.com.

To increase the included L-Bar set to a 36" length, order two model #015-954 and use one per side. To increase to a 48" length, order one #LBAR which is a complete set of four bars and use two per side.

APPLICATION

Small-aperture medium-distribution downlight is suitable for commercial, retail and institutional applications that require an energy saving, long life LED lamp source, high lumen output, excellent color rendering characteristics and a lensed reflector.

PRODUCT DATA

REFLECTOR: Heavy-gauge aluminum reflector features a regressed splay and a variety of lenses. Reflectors are available in specular or matte finish, as well as a variety of standard and special finishes.

HOUSING: Heavy-gauge galvanized steel housing provides a secure mounting platform for the electrical components and protects the optical assembly. Standard plaster flange allows one-inch ceiling thickness. LED module is accessible from below.

MOUNTING: Universal mounting brackets adjust vertically and accept L-BAR interlocking, expandable, C-channel hanger bars which are supplied standard. L-BARS are suitable for T-bar, wood joist, and metal joist ceiling styles. Additional features on last page.

ELECTRICAL: Standard 120 or 277 VAC, 50-60 Hz. Optional 347V (E3).

JUNCTION BOX: Heavy-gauge galvanized junction box pre-wired with grounding pigtail. Easy access covers. Multiple conduit knockouts listed for through branch circuit wiring.

LED MODULE & DRIVER: LED Module and Driver are manufactured by Philips Lighting. 80 CRI is standard. 90 CRI available.

DIMMING: Standard product is compatible with 0-10 volt dimming controls. See below for additional options.

HEAT MANAGEMENT: Engineered heat sink provides passive cooling for optimum heat management of the LED engine.

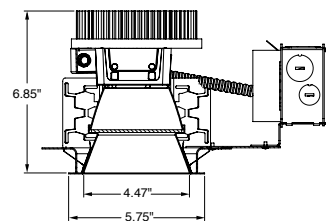
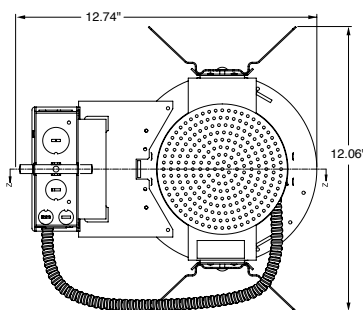
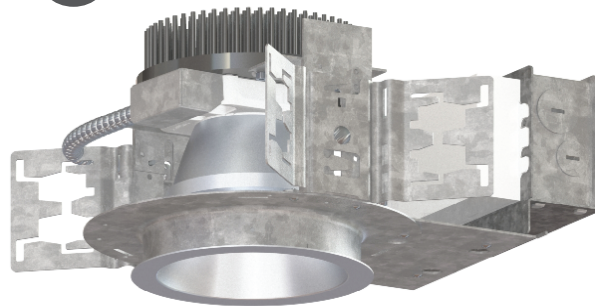
- Expected lamp life to be 50,000 hours with 70% lumen maintenance when ambient temperatures do not exceed 45°C. Lower ambient temperatures yield longer lamp life.

CALIBER
COMMERCIAL

SERIES 4VLFL2X Lensed LED Downlight
486-3891 Delivered Lumen Flex



**5 Year
Warranty**



Rough Opening 5.13"



For Wet Location
Under Covered Ceiling

Catalog #:

4VLFL2X

Example: 4VLFL2X11004K

Fixture Series	Lumens	Color Temp.	Input Voltage	Dimming
4VLFL2X	800 (486L - 686L, 7W)			
	1100 (649L - 915L, 10W)			
	1500 (864L - 1218L, 14W)			
	2000 (1095L - 1546L, 20W)			
	3000 (1815L - 2561L, 29W)			
	4000 (2239L - 3158L, 40W)			
	5000 (2759L - 3891L, 50W)			
	C9 = 90 CRI			
	See third page for delivered lumens data and 90 CRI wattages.			
		5K ^s (5000K)		
		4K (4000K)		
		35K (3500K)		
		3K (3000K)		
		27K ^s (2700K)		
			120/277V When Using DA, DB Dimming*	
			E1 120 Volt*	DA, DB Xitanium 1% 0-10V (linear) standard
			E2 277 Volt*	
			E3 347 Volt [^]	More Options On Next Page

*Input voltage (E1, E2) not required to be specified with standard dimming (D8).

^s 2700K only available in 90 CRI (C9).

Options

☐ EM[^] = Emergency Battery Pack w/remotely located Test Switch

[^] E3, Pathwave and DMX options not compatible with Emergency Battery Option.

Fixture:	Type:
Project:	

4VLED

Example: 4VLEDFOLSCLPF

Trim	Trim Finish w/polished flange
4VLEDFOL – Frosted Lens (Acrylic) 4VLEDFL – Fresnel Lens (Tempered Glass) 4VLEDPL – Prismatic Lens (Tempered Glass) 4VLEDCL – Clear Lens (Acrylic) 4VLEDCGL – Clear Lens (Tempered Glass) 4VLEDSOL – Solite Micro-prismatic Lens (Glass)	
	SCLPF – Soft Specular Clear Alzak HAZPF – Haze Alzak WL – Optional Gasketed Lens
For white painted flange, drop "PF" from Catalog #. For other finishes, consult reflector section.	

Manufactured and tested to UL#1598, UL#8750, and CSA standards. Fixtures are not designed for direct contact with insulation. All Pathway® products meet or exceed requirements as established by the National Electrical Code. Specifications subject to change without notice. Alzak® is a registered trademark of Alcoa.



Pathway Lighting Products, Inc., P.O. Box 591, Old Saybrook, CT 06475-0591
voice 800.342.0592 • fax 800.207.0090 • www.pathwaylighting.com • e-mail: sales@pathwaylighting.com

LDFX23.5
CUBCUL

Dimming Options:

Specify option by suffix (shown in bold-face type)

Our White Paper regarding Linear vs. Logarithmic Operating Characteristics is available in our 'Downloads' section of our website, or you may request one by emailing Sales@PathwayLighting.com

Please specify input voltage when using a dimming option other than DA or DB. E1= 120 volt, E2= 277 Volt.

0-10V Dimming Options	Lutron Dimming Options	DALI Dimming Options	Forward/Reverse Phase Options
DA = Xitanium 1% 0-10V (linear)* DB = Xitanium 1% 0-10V (logarithmic)* DC = EldoLED 0-10V 0% (logarithmic) DD = EldoLED 0-10V 1% (logarithmic) DE = EldoLED 0-10V 0% (linear) DF = EldoLED 0-10V 1% (linear) DS = Sage 0-10V 1% (linear) 347V only	Max Lumen= 4000 at 80 CRI, or Max Lumen= 3000 at 90 CRI DG = Lutron Eco 1% (linear) DJ = Lutron 2 wire 1% (linear)	DK = EldoLED DALI 0% (logarithmic)** DL = EldoLED DALI 1% (logarithmic)**	Max Lumen= 3000 at 80 CRI, or Max Lumen= 2000 at 90 CRI DM = 120V 2-wire forward/reverse phase 1% (linear)
DMX^ Dimming Options (interfaced through 0-10V driver)	PathWave^ Wireless Dimming Options (interfaced through 0-10V driver)	RDM DMX	
XA = DMX Xitanium 1% (linear)^ XB = DMX Xitanium 1% (logarithmic)^ XC = DMX EldoLED 0% (logarithmic)**^ XD = DMX EldoLED 1% (logarithmic)**^ XE = DMX EldoLED 0% (linear)**^ XF = DMX EldoLED 1% (linear)**^	PA = PathWave/Xitanium 1% 0-10V (linear)^ PB = PathWave/Xitanium 1% 0-10V (logarithmic)^ PC = PathWave/EldoLED 0% (logarithmic)**^ PD = PathWave/EldoLED 1% (logarithmic)**^ PE = PathWave/EldoLED 0% (linear)**^ PF = PathWave/EldoLED 1% (linear)**^	XG = DMX EldoLED 0% (logarithmic)** XH = DMX EldoLED 0% (linear)**	

* Xitanium driver (DA, DB) is the standard dimming option and does not require that 120V input (E1) or 277V input (E2) to be specified.

** Max Lumen= 5000 at 80 CRI, or Max Lumen= 4000 at 90 CRI.

^ DMX, PathWave and 347V input (E3) options are not compatible with emergency battery options.

Delivered Lumen Data - 80 CRI (3500K Color Temperature)- Frosted Acrylic Lens

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X80035KDA,DB	4VLEDFOLSCLPF	800	7	592	61°	84.6
4VFL2X110035KDA,DB	4VLEDFOLSCLPF	1100	10	845	61°	84.5
4VFL2X150035KDA,DB	4VLEDFOLSCLPF	1500	14	1131	61°	80.8
4VFL2X200035KDA,DB	4VLEDFOLSCLPF	2000	20	1448	61°	72.4
4VFL2X300035KDA,DB	4VLEDFOLSCLPF	3000	29	2177	61°	75.1
4VFL2X400035KDA,DB	4VLEDFOLSCLPF	4000	40	2896	61°	72.4
4VFL2X500035KDA,DB	4VLEDFOLSCLPF	5000	50	3577	61°	71.5

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.

Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.98

Delivered Lumen Data - 90 CRI (3500K Color Temperature)- Frosted Acrylic Lens

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X800C935KDA,DB	4VLEDFOLSCLPF	800	9	633	61°	70.4
4VFL2X1100C935KDA,DB	4VLEDFOLSCLPF	1100	12	845	61°	70.4
4VFL2X1500C935KDA,DB	4VLEDFOLSCLPF	1500	17	1125	61°	66.2
4VFL2X2000C935KDA,DB	4VLEDFOLSCLPF	2000	24	1428	61°	59.5
4VFL2X3000C935KDA,DB	4VLEDFOLSCLPF	3000	36	2366	61°	65.7
4VFL2X4000C935KDA,DB	4VLEDFOLSCLPF	4000	48	2916	61°	60.8
4VFL2X5000C935KDA,DB	4VLEDFOLSCLPF	5000	62	3595	61°	58.0

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.

Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.98

Delivered Lumen Data - 80 CRI (3500K Color Temperature)- Fresnel Lens

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X80035KDA,DB	4VLEDFLSCLPF	800	7	454	50°	64.9
4VFL2X110035KDA,DB	4VLEDFLSCLPF	1100	10	649	50°	64.9
4VFL2X150035KDA,DB	4VLEDFLSCLPF	1500	14	868	50°	62.0
4VFL2X200035KDA,DB	4VLEDFLSCLPF	2000	20	1111	50°	55.6
4VFL2X300035KDA,DB	4VLEDFLSCLPF	3000	29	1670	50°	57.6
4VFL2X400035KDA,DB	4VLEDFLSCLPF	4000	40	2223	50°	55.6
4VFL2X500035KDA,DB	4VLEDFLSCLPF	5000	50	2745	50°	54.9

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.

Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.98

Delivered Lumen Data - 90 CRI (3500K Color Temperature)- Fresnel Lens

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X800C935KDA,DB	4VLEDFLSCLPF	800	9	486	50°	54.0
4VFL2X1100C935KDA,DB	4VLEDFLSCLPF	1100	12	649	50°	54.1
4VFL2X1500C935KDA,DB	4VLEDFLSCLPF	1500	17	864	50°	50.8
4VFL2X2000C935KDA,DB	4VLEDFLSCLPF	2000	24	1095	50°	45.6
4VFL2X3000C935KDA,DB	4VLEDFLSCLPF	3000	36	1815	50°	50.4
4VFL2X4000C935KDA,DB	4VLEDFLSCLPF	4000	48	2239	50°	46.6
4VFL2X5000C935KDA,DB	4VLEDFLSCLPF	5000	62	2759	50°	44.5

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.

Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.98

Delivered Lumen Data - 80 CRI (3500K Color Temperature)- Prismatic Lens

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X80035KDA,DB	4VLEDPLSCLPF	800	7	624	52°	89.1
4VFL2X110035KDA,DB	4VLEDPLSCLPF	1100	10	891	52°	89.1
4VFL2X150035KDA,DB	4VLEDPLSCLPF	1500	14	1191	52°	85.1
4VFL2X200035KDA,DB	4VLEDPLSCLPF	2000	20	1526	52°	76.3
4VFL2X300035KDA,DB	4VLEDPLSCLPF	3000	29	2293	52°	79.1
4VFL2X400035KDA,DB	4VLEDPLSCLPF	4000	40	3051	52°	76.3
4VFL2X500035KDA,DB	4VLEDPLSCLPF	5000	50	3768	52°	75.4

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.

Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.98

Delivered Lumen Data - 90 CRI (3500K Color Temperature)- Prismatic Lens

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X800C935KDA,DB	4VLEDPLSCLPF	800	9	668	52°	74.2
4VFL2X1100C935KDA,DB	4VLEDPLSCLPF	1100	12	891	52°	74.3
4VFL2X1500C935KDA,DB	4VLEDPLSCLPF	1500	17	1185	52°	69.7
4VFL2X2000C935KDA,DB	4VLEDPLSCLPF	2000	24	1505	52°	62.7
4VFL2X3000C935KDA,DB	4VLEDPLSCLPF	3000	36	2492	52°	69.2
4VFL2X4000C935KDA,DB	4VLEDPLSCLPF	4000	48	3072	52°	64.0
4VFL2X5000C935KDA,DB	4VLEDPLSCLPF	5000	62	3787	52°	61.1

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.

Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.98

Delivered Lumen Data - 80 CRI (3500K Color Temperature)- Clear Poly Carbonate

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X80035KDA,DB	4VLEDCLSCLPF	800	7	639	54°	91.3
4VFL2X110035KDA,DB	4VLEDCLSCLPF	1100	10	913	54°	91.3
4VFL2X150035KDA,DB	4VLEDCLSCLPF	1500	14	1222	54°	87.3
4VFL2X200035KDA,DB	4VLEDCLSCLPF	2000	20	1564	54°	78.2
4VFL2X300035KDA,DB	4VLEDCLSCLPF	3000	29	2351	54°	81.1
4VFL2X400035KDA,DB	4VLEDCLSCLPF	4000	40	3129	54°	78.2
4VFL2X500035KDA,DB	4VLEDCLSCLPF	5000	50	3864	54°	77.3

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.

Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.98

Delivered Lumen Data - 90 CRI (3500K Color Temperature)- Clear Poly Carbonate

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X800C935KDA,DB	4VLEDCLSCLPF	800	9	684	54°	76.0
4VFL2X1100C935KDA,DB	4VLEDCLSCLPF	1100	12	913	54°	76.1
4VFL2X1500C935KDA,DB	4VLEDCLSCLPF	1500	17	1216	54°	71.5
4VFL2X2000C935KDA,DB	4VLEDCLSCLPF	2000	24	1542	54°	64.3
4VFL2X3000C935KDA,DB	4VLEDCLSCLPF	3000	36	2556	54°	71.0
4VFL2X4000C935KDA,DB	4VLEDCLSCLPF	4000	48	3151	54°	65.6
4VFL2X5000C935KDA,DB	4VLEDCLSCLPF	5000	62	3883	54°	62.6

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.

Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.98

Delivered Lumen Data - 80 CRI (3500K Color Temperature)- Clear Tempered Glass

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X80035KDA,DB	4VLEDCGLSCLPF	800	7	641	54°	91.6
4VFL2X110035KDA,DB	4VLEDCGLSCLPF	1100	10	915	54°	91.5
4VFL2X150035KDA,DB	4VLEDCGLSCLPF	1500	14	1224	54°	87.4
4VFL2X200035KDA,DB	4VLEDCGLSCLPF	2000	20	1568	54°	78.4
4VFL2X300035KDA,DB	4VLEDCGLSCLPF	3000	29	2356	54°	81.2
4VFL2X400035KDA,DB	4VLEDCGLSCLPF	4000	40	3136	54°	78.4
4VFL2X500035KDA,DB	4VLEDCGLSCLPF	5000	50	3872	54°	77.4

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.
 Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.98

Delivered Lumen Data - 90 CRI (3500K Color Temperature)- Clear Tempered Glass

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X800C935KDA,DB	4VLEDCGLSCLPF	800	9	686	54°	76.2
4VFL2X1100C935KDA,DB	4VLEDCGLSCLPF	1100	12	915	54°	76.3
4VFL2X1500C935KDA,DB	4VLEDCGLSCLPF	1500	17	1218	54°	71.6
4VFL2X2000C935KDA,DB	4VLEDCGLSCLPF	2000	24	1546	54°	64.4
4VFL2X3000C935KDA,DB	4VLEDCGLSCLPF	3000	36	2561	54°	71.1
4VFL2X4000C935KDA,DB	4VLEDCGLSCLPF	4000	48	3158	54°	65.8
4VFL2X5000C935KDA,DB	4VLEDCGLSCLPF	5000	62	3891	54°	62.8

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.
 Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.9

Delivered Lumen Data - 80 CRI (3500K Color Temperature)- Solite Micro-prismatic Lens

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X80035KDA,DB	4VLEDSOLSCLPF	800	7	654	54°	93.4
4VFL2X110035KDA,DB	4VLEDSOLSCLPF	1100	10	934	54°	93.4
4VFL2X150035KDA,DB	4VLEDSOLSCLPF	1500	14	1249	54°	89.2
4VFL2X200035KDA,DB	4VLEDSOLSCLPF	2000	20	1600	54°	80.0
4VFL2X300035KDA,DB	4VLEDSOLSCLPF	3000	29	2404	54°	82.9
4VFL2X400035KDA,DB	4VLEDSOLSCLPF	4000	40	3200	54°	80.0
4VFL2X500035KDA,DB	4VLEDSOLSCLPF	5000	50	3951	54°	79.0

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.
 Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.9

Delivered Lumen Data - 80 CRI (3500K Color Temperature)- Solite Micro-prismatic Lens

FIXTURE	TRIM	RATED LUMENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
4VFL2X800C935KDA,DB	4VLEDSOLSCLPF	800	9	700	54°	77.8
4VFL2X1100C935KDA,DB	4VLEDSOLSCLPF	1100	12	934	54°	77.8
4VFL2X1500C935KDA,DB	4VLEDSOLSCLPF	1500	17	1243	54°	73.1
4VFL2X2000C935KDA,DB	4VLEDSOLSCLPF	2000	24	1578	54°	65.7
4VFL2X3000C935KDA,DB	4VLEDSOLSCLPF	3000	36	2613	54°	72.6
4VFL2X4000C935KDA,DB	4VLEDSOLSCLPF	4000	48	3222	54°	67.1
4VFL2X5000C935KDA,DB	4VLEDSOLSCLPF	5000	62	3971	54°	64.0

Above Values reflect 3500K color temperatures and DA or DB Dimming. Add 2 Watts to power for other dimming options.
 Scaling factors for other color temperatures: 3000K = 0.97 ; 4000K = 1.03 ; 5000K = 0.9

OPTIONS & ACCESSORIES

Available Reflector Finishes



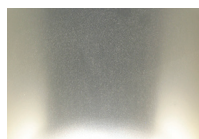
Clear
Soft Specular "SCL"



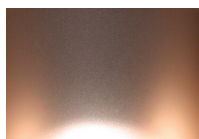
Pewter
Diffused "EPW"
Soft Specular "SPW"



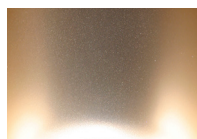
Haze
Diffused "HAZ"



Straw
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Bronze
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Wheat
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Soft Specular "SWT"

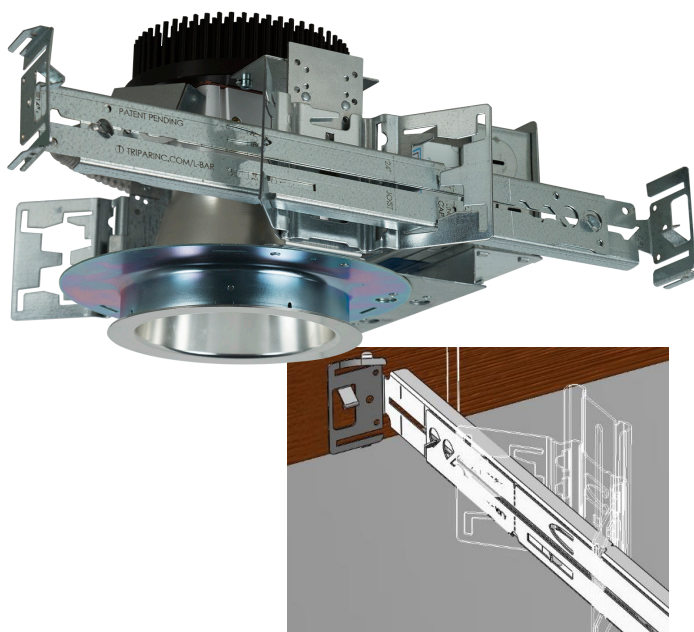
Our standard reflector finish is soft specular clear Alzak (SCL) with a polished self-flange (PF). Additional hues are noted to left. Several of these are offered in both a soft specular and a diffused/matte finish. For colors not shown, contact our sales department for advice on custom anodized finishes.

Specified suffix of desired finish.

Example: 4VLEDSCLPF

For white painted flange omit PF.

Standard Hanger Bars



Interlocking L-Bar hanger bars are now standard with all recessed Coventry Architectural lighting fixtures.

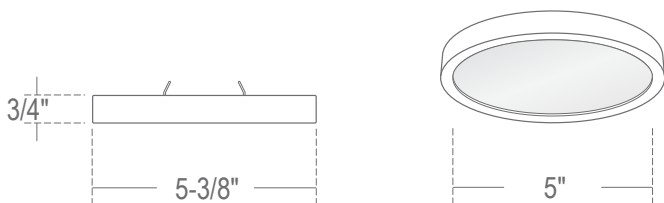
Installer friendly features include:

- L-Bars are fabricated from identical L-shaped cross sections that form a sturdy ½" by 1-1/2" C-channel profile for superior rigidity.
- Pre-marked with spacing locations for 24" T-bar; 16" and 24" joist ceilings (wood and metal).
- Extension locks with an easy-to-use integral twist tab. No separate fastener.
- Interlocking and expandable to 24". Can be increased to 36" or 48" with the use of one additional bars.
- Allows for offset mounting.
- Integral and barbed nail spike for wood joist ceilings.
- Fits into the C-channel notches on our butterfly mounting bracket.
- Complete details including video demonstration is available at www.pathwaylighting.com.

To increase the included L-Bar set to a 36" length, order two model #015-954 and use one per side. To increase to a 48" length, order one #LBAR which is a complete set of four bars and use two per side.

LCMPD5R - 5" ROUND LUMENPAD SURFACE MOUNT DOWNLIGHT - 1200LM

SURFACE MOUNT DOWNLIGHT



SPECIFICATION

Application: 5" Architectural Surface Mount Downlight is perfect for Retrofit, New Construction and Remodel Applications in low to medium height ceilings. Super thin profile is unobtrusive in design and has low glare. Lens is a Poly Carbonate Frosted White Lens.

Mounting: Universal mounting hardware allows mounting to all standard octagonal electrical junction boxes. 277V 0-10V Dimming Driver (UE-D10) has external 2 1/8" by 7/8" Driver.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral heat sink design for maximum heat rejection to provide long LED life.

Driver: Standard dimming option. Smoothly dims down to 5% with standard Low Voltage dimmers. Works with standard electronic low voltage (ELV) dimmers. Factory qualified for use with Lutron brand dimmers: SELV300P, DVELV-300P, MAELV-600 and NELV-450.

Color Temperature: Comes standard with 3,000K Warm White, 3500K Neutral, or 4,000K Cool White LED's binned according to ANSI C78 377A for color temperature and chromaticity ranges.

Safety Labels: ETL/CETL listed. Energy Star Rated.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Wet Location: Suitable for Wet Location Installations (Covered Ceiling Mount).

Finish: Available in White, Black, Silver, and Bronze.

Driver: Available in 120V (ELV Dimming) and 120V/277V (0-10V Dimming)*.

Material: Available in Die Cast Aluminum and Non-Conductive Polycarbonate**.

LED Details:

12W 1200 Lumen Package
Color Rendering Index (CRI) : 90
Color Temperature: 4000K
Lamp Equivalent: 65W BR30

Benefit:

- Easily mounts to standard octagonal junction box.
- Super Slim 1" thick design.
- No-glare side lit illumination.
- Super Slim 1" thick design
- Die-cast aluminum frame.
- Suitable for temperature down to -4°F/-20°C
- For covered ceiling mount only
- 5-Year Warranty

FEATURE:



ORDERING EXAMPLE : LCMPD5RWUE-D10-T30

LCMPD5R	FINISH	DIMMING/VOLTAGE	COLOR TEMP OPTIONS	MATERIAL
LCMPD5R	W :White	Blank :ELV Dimming (120V)	-T27 :2700K	Blank :Die Cast Aluminum
	B :Black	UE-D10 :0-10V Dimming (120V/277V)	-T30 :3000K	-PC :Non-Conductive Polycarbonate*
	S :Silver		-T35 :3500K	
	BZ :Bronze		-T40 :4000K	

* Special Order for PC

Consult Factory for Remote Emergency Battery Back Up Option.



Tel: 323.904.0200

Product specifications subject to change without notice.

www.liton.com



VLD-174-18-PC - LED Wall Sconce, Polished Chrome Finish

LED



18W LED Wall Sconce, Polished Chrome Finish

Height 18.3
Width/Length 4.75
Depth 2.63
Weight 5

Body Material Glass
Finish/Color White
Type of Finish Frosted

Bulb 1 Amount 1
Bulb 1 Base Type Dedicated LED
Bulb 1 Max Watt. 18W
Bulb 1 Included Yes
Bulb 1 Lumens 1600
Bulb 1 CRI 80+

No. of Bulbs 1
LED Compatible Yes
Total Wattage 18W

Second Material Metal
Second Finish/Color Polished Chrome
Second Type of Finish Electroplated

Rated For Voltage Damp Location
120V

Approval cUL or equivalent
Warranty 5 Year
Instal Position Wall


Date:	Notes:
Fixture Type:	
Job Name:	



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 www.dainolite.com

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 dainolite@dainolite.com

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PROJECT:

NOTES:

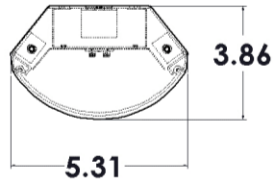
ORDERING INFORMATION:

EXAMPLE

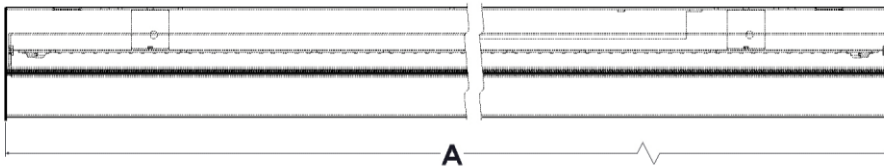
PUCS-R - 45 - LED - 40 - 40 - MV - WC6 - CL6 - DIM

SERIES NOM. LENGTH SOURCE LUMENS KELVINS VOLTAGE OPTIONS CONTROLS DRIVER

SHOP DRAWINGS



	A
PUCS-R-23	23"
PUCS-R-34	34"
PUCS-R-45	45"



ORDERING INFORMATION

SERIES

KELVIN

PUCS-R	30	3000K
	35	3500K
	40	4000K
	50	5000K
	TW	Tunable White

NOMINAL LENGTH

23	23"
45	45"
90	90"

SOURCE

LED

LUMENS

Lumen Package*	Nom. Lumens	Wattage
23"		
20	2,000	14
30	3,000	21
45"		
40	4,000	27
60	6,000	42
90"		
120	12,000	82
160	16,000	115

VOLTAGE

MV	120-277V
347	347V

OPTIONS

PC	Polycarbonate Ribbed Frosted Lens
BC#	Black Cab Tire Wire #ft
AC#	Suspension Aircraft Cable #ft
WC#	White Cab Tire Wire #ft

CONTROLS

Click on the following link for control options:
<https://bit.ly/2C5IXqa>

DRIVER

BLANK	Non-dimming applications
DIM	Dimming applications

FEATURES

- > Premium-grade aesthetic, energy efficient, architectural LED wraparound bay luminaire
- > Pressure fitted diffuser for clean look and easy maintenance
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Tunable White option available
- > Mounting accessories available for surface or suspended mounting
- > Multiple dimming protocols available
- > Energy-saving occupancy sensor option available
- > Efficacies up to 150 lm/W
- > 100% made in Canada

APPLICATIONS

- > Schools
- > Commercial offices
- > Retail stores
- > Fitting rooms
- > Stairwells
- > Corridors
- > Warehouse

Nominal lumen output based on 4000 CCT.
 May vary +/-5%. See fixture performance data.

*Other lumen packages available. Specify in increments of 100 nominal lumens.
 For example, to specify 4,700 nominal lumens:
 PUCS-R - [...] - 47 - [...]

ÉCLAIRAGES

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

Housing/Reflector – Precision die-formed 22-gauge C.R.S.

Shielding – Central extruded acrylic lens pressure fitted for easy maintenance

Finish – Baked white enamel powder finish applied post production on all surfaces for smooth edges and safe handling.

Electrical – High quality mid-power LED boards. L85 >50,000 hours

Mounting – Suspended or Surface

Listings –

■ CSA certified as luminaire suitable for dry or damp locations.

■ cUL certified as luminaire suitable for dry or damp locations.

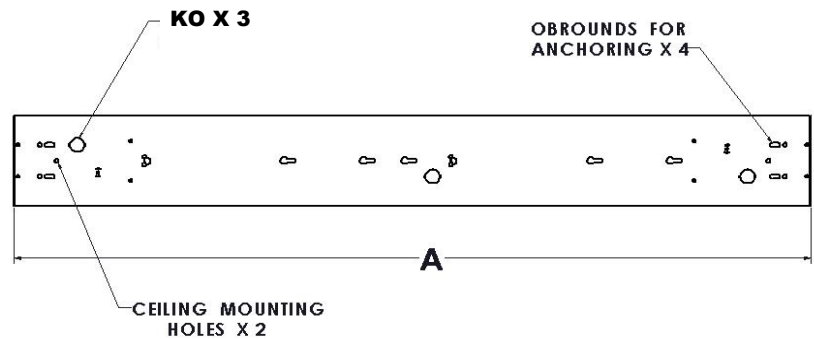
Warranty – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
23"			
20	1,990	14	142
30	2,989	21	142
45"			
40	4,053	27	150
60	6,086	42	145
90"			
120	12,044	82	147
160	15,992	115	139

*Results based on 4000K, 80 CRI

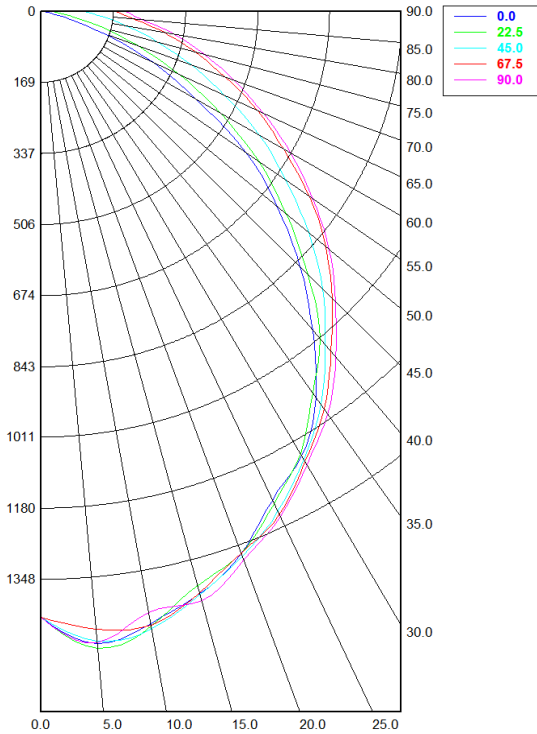
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS



PHOTOMETRY

PUCS-R-48-LED-40-40-MVOLT Total Luminaire Output: 4,053 lumens; 27 Watts

**Candela Distribution**

	0.00°	22.50°	45.00°	67.50°	90.00°
0.00°	1,438.85	1,438.85	1,438.85	1,438.85	1,438.85
5.00°	1,505.44	1,516.64	1,500.08	1,471.20	1,503.88
10.00°	1,474.94	1,481.58	1,487.99	1,478.73	1,448.19
15.00°	1,430.83	1,410.86	1,432.63	1,428.54	1,447.96
20.00°	1,367.81	1,367.66	1,375.69	1,367.31	1,384.93
25.00°	1,278.42	1,287.54	1,309.43	1,318.03	1,323.87
30.00°	1,219.43	1,212.82	1,228.23	1,234.72	1,242.83
35.00°	1,120.03	1,106.41	1,140.40	1,153.68	1,168.17
40.00°	987.41	1,014.72	1,033.28	1,054.02	1,071.65
45.00°	857.28	882.54	931.68	961.73	972.20
50.00°	721.18	750.26	815.94	868.06	879.76
55.00°	583.29	618.15	699.69	767.08	775.66
60.00°	418.65	483.37	588.16	654.49	675.64
65.00°	288.47	357.38	472.92	557.07	571.73
70.00°	151.99	241.43	372.49	458.24	478.89
75.00°	56.16	143.93	279.95	370.18	393.73
80.00°	11.99	77.17	205.71	290.77	315.52
85.00°	2.08	36.96	142.70	217.74	239.29
90.00°	0.63	19.27	99.98	171.96	193.73

Zonal Lumen Summary

Zone	Lumens	% Fixture
0.00° - 10.00°	150.49	3.71%
10.00° - 20.00°	401.47	9.90%
20.00° - 30.00°	598.77	14.77%
30.00° - 40.00°	707.27	17.45%
40.00° - 50.00°	709.36	17.50%
50.00° - 60.00°	614.97	15.17%
60.00° - 70.00°	449.95	11.10%
70.00° - 80.00°	273.98	6.76%
80.00° - 90.00°	147.10	3.63%
90.00° - 100.00°	26.61	0.66%
100.00° - 110.00°	0.00	0.00%
110.00° - 120.00°	0.00	0.00%
120.00° - 130.00°	0.00	0.00%
130.00° - 140.00°	0.00	0.00%
140.00° - 150.00°	0.00	0.00%
150.00° - 160.00°	0.00	0.00%
160.00° - 170.00°	0.00	0.00%
170.00° - 180.00°	0.00	0.00%
0.00° - 90.00°	4,053.36	100.00%
90.00° - 180.00°	26.61	0.66%
0.00° - 180.00°	4,053.36	100.00%

Spacing Criterion:

Two luminaires, plane 0°	1.25
Two luminaires, plane 90°	1.27
Four luminaires	1.35

job name:

type:

sq.air™ LED spec sheet

material

housing

brake formed and welded aluminum.

diffuser

.125" virgin gloss white acrylic panels.

optics

reflector

.050 aluminum painted high reflectance powder coat matte white.

lamp lens

.125" P95 frost acrylic lens.

efficiency

constant current driver operates LED consistently, regulating the current flow through it to produce the most consistent light output and efficiency. constant current driver protects LEDs from voltage fluctuations in the building power system, eliminating stress from over voltage, inrush surges, and flicker from voltage fluctuations, assuring long service life.

LED

custom LED board in 3000K, 3500K, or 4000K (80 cri). under normal operating conditions, the LEDs employed are rated for >36,000hrs L70 (6.8K) per IES TM-21 from LM-80 test data, and 71,000hrs L70 projected life. white power cord is standard with other color options listed below.

driver

Roal Strato series, class 2 power unit, built-in active PFC function, universal input (120-277 vac), 10% minimum dimming level, PF >80, protections include short circuit, over current, over voltage and over temperature. wired for 0-10v dimming from factory.

mounting

5"dia. spun steel canopy in satin white. four point vertical suspension of 12 ft long stainless steel cables attach to trim with field adjustable grippers that allow for exact AFF mounting heights.

emergency

emergency not available. if required, recommend use of inverter (by other).



catalog number

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size

P6826

(2ft) 26.75"dia X 12"ht

P6838*

(3ft) 38.75"dia X 14"ht

P6848**

(4ft) 48.75"dia X 16"ht

LED array

30LO 3000K

30HI 3000K

35LO 3500K

35HI 3500K

40LO 4000K

40HI 4000K

finish

AP anodized paint

BR brick red

BU blue

BZ bronze

CP champagne

MB military blue

MN mint

MW matte white

OR orange

RD red

SB satin black

SS satin silver

TG textured gray

TW textured white

YO yellow

options

BKPC Black power cord and canopy

SBPC Silver braid power cord and white canopy

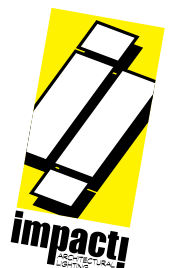
SQP sq.air quad pod

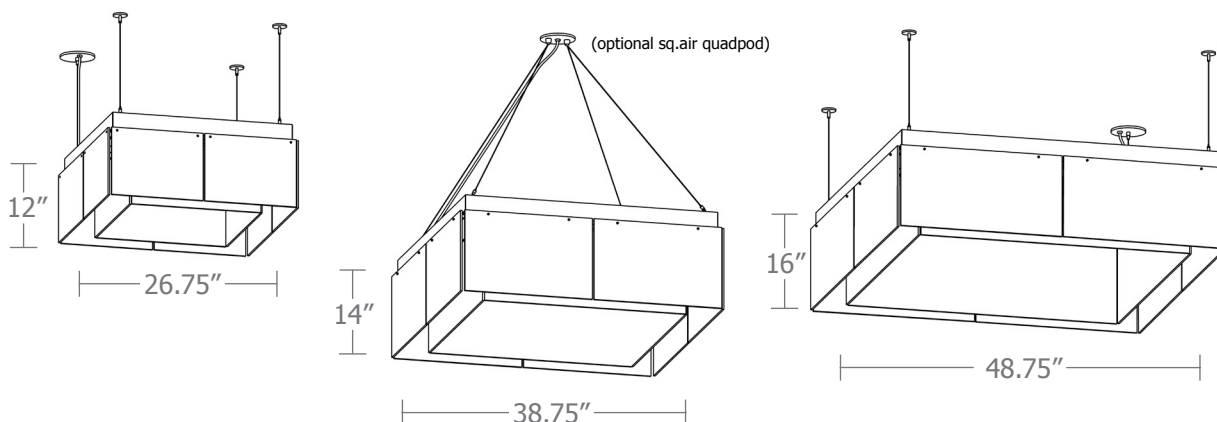
* HI lumen requires structural mount
(fixture weighs over 50 lbs)

** LO and HI lumen require structural mount
(fixture weighs over 50 lbs)

Premium Finish

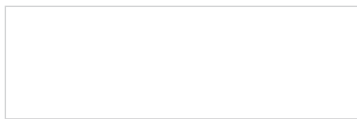
RAL specify RAL#



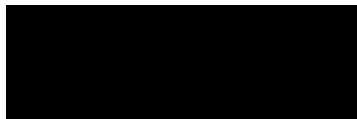


Cat No	Delivered Lumens	Watts		Amps	
		120V	277V	120V	277V
P6826 LO		30	30	0.25	0.11
4000K	2809				
3500K	2640				
3000K	2106				
P6826 HI		55.8	55.8	0.47	0.20
4000K	5461	ies file # 19457			
3500K	5133				
3000K	4096				
P6838 LO		37	37	0.31	0.13
4000K	3414				
3500K	3209				
3000K	2506				
P6838 HI		73	73	.61	0.26
4000K	6827				
3500K	6417				
3000K	5120				
P6848 LO		59	59	.49	.21
4000K	5300				
3500K	5035				
3000K	3975				
P6848 HI		104	104	.87	.38
4000K	9300				
3500K	8835				
3000K	6975				

Powder Coat Paint Finishes



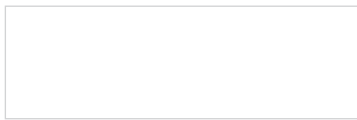
MW matte white



SB satin black



YO yellow 1018



TW textured white



CP champagne



RD red 3020



AP anodized paint



BZ bronze



BU blue 5017



SS satin silver



BR brick red



OR orange 2011



TG textured gray



MB military blue



MN mint 6019

For accurate color verification, actual finish samples are available upon request.

Premium Finishes



RAL#

