

Features

- Integral power supply included, fits inside suspension canopy. Multiple integral power supply options available.
- Comes with 8ft silver adjustable cable
- Single micro binned LEDs +/- 30 CCT
- Suitable for damp locations
- Dot free even illumination
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- Vibrant Color options offer premium quality and vibrant colors with R9 values up to 98
- High Efficacy options offer best in class output and efficacy with over 850 lm/ft and up to 101 lm/W
- Average Life (L70): 50,000hrs
- 7 year warranty

Finish Options (see page 2 for additional information)

Base	<input type="checkbox"/> Silver Anodized
Powder Coat	<input type="checkbox"/> Black <input type="checkbox"/> Bronze <input type="checkbox"/> White
Premium	<input type="checkbox"/> Matte Black <input type="checkbox"/> Warm Nickel <input type="checkbox"/> Aged Brass <input type="checkbox"/> Polished Gold <input type="checkbox"/> Chrome



Technical Information

TYPE	Vibrant Color VC72						
OUTPUT OPTIONS	VC72VLO	VC72LO	VC72SO	VC72MO	VC72HO	VC72VHO	VC72XHO
Lumens Output (3000K) (with a Frosted Lens)	80 lm/ft	204 lm/ft	272 lm/ft	359 lm/ft	434 lm/ft	578 lm/ft	689 lm/ft
Average Power Consumption (for a 4" section using INT120)	1.4 W/ft	3.6 W/ft	4.8 W/ft	6.3 W/ft	7.6 W/ft	10.2 W/ft	12.7 W/ft
Efficacy	57 lm/W	57 lm/W	57 lm/W	57 lm/W	57 lm/W	57 lm/W	54 lm/W
Max Run Length (in series)	12 ft	12 ft	12 ft	12 ft	12 ft	12 ft	12 ft
Ambient Operating Temperature Range*	-4°F - 122°F (-20°C - 50°C)				-4°F - 104°F (-20°C - 40°C)		-4°F - 86°F (-20°C - 30°C)

* Ambient Operating Temperature Range to maintain L70 of 50k+ hours in normal mounting conditions for the fixture. Exceeding Ambient Operating Temperature Range may result in decreased life/output. Consult Technical Support for specific inquiries.

TYPE	High Efficacy HE64						
OUTPUT OPTIONS	HE64VLO	HE64LO	HE64SO	HE64MO	HE64HO	HE64VHO	HE64XHO
Lumens Output (3000K) (with a Frosted Lens)	89 lm/ft	192 lm/ft	275 lm/ft	365 lm/ft	519 lm/ft	712 lm/ft	857 lm/ft
Average Power Consumption (for a 4" section using INT120)	1.3 W/ft	2.4 W/ft	3.7 W/ft	4.9 W/ft	7.2 W/ft	9.1 W/ft	11.4 W/ft
Efficacy	68 lm/W	80 lm/W	74 lm/W	74 lm/W	72 lm/W	78 lm/W	75 lm/W
Max Run Length (in series)	12 ft	12 ft	12 ft	12 ft	12 ft	12 ft	12 ft
Ambient Operating Temperature Range*	-4°F - 122°F (-20°C - 50°C)				-4°F - 113°F (-20°C - 45°C)		-4°F - 95°F (-20°C - 35°C)

* Ambient Operating Temperature Range to maintain L70 of 50k+ hours in normal mounting conditions for the fixture. Exceeding Ambient Operating Temperature Range may result in decreased life/output. Consult Technical Support for specific inquiries.

CCT	Multiplier (ref. - 30K)	TM-30			
		CRI	R _f	R _g	R ₉
1800K	0.50	95	94	99	86
2200K	0.66	96	94	101	95
2400K	0.90	98	96	101	91
2700K	0.93	98	96	102	93
3000K	1.00	97	94	104	99
3500K	1.04	96	94	105	97
4100K	1.05	97	95	104	96

CCT	Multiplier (ref. - 30K)	TM-30			
		CRI	R _f	R _g	R ₉
2200K	0.74	94	91	96	65
2400K	0.87	94	92	97	56
2700K	0.97	94	92	100	57
3000K	1.00	93	91	99	54
3500K	1.01	95	91	99	62
4000K	1.04	95	91	99	68

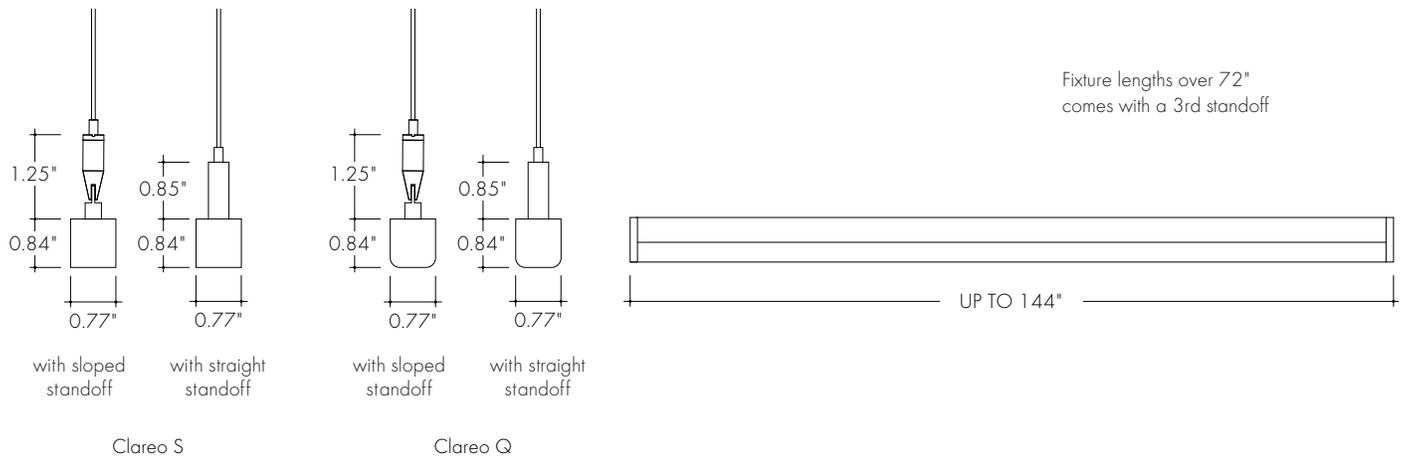
Ordering Code

MODEL	LENGTH ¹	OUTPUT ²	CCT	LENS	STANDOFF TYPE	FINISH ^{3,4}	POWER FEED
CLS-Clareo S CLQ-Clareo Q	12"-144" 1" increments	VC72VLO - Very Low VC72LO - Low VC72SO - Standard VC72MO - Medium VC72HO - High VC72VHO - Very High VC72XHO - Extreme	18K-1800K 22K-2200K 24K-2400K 27K-2700K 30K-3000K 35K-3500K 41K-4100K	F-Frosted	S-Straight P-Sloped	BASE SA-Silver Anodized POWDER COAT BK-Black BZ-Bronze WH-White PREMIUM MBK-Matte Black WN-Warm Nickel AB-Aged Brass PG-Polished Gold ⁵ CH-Chrome ⁵	INT120-Lutron Hi-Lume A Series ELV dimming, Integral power supply 120VAC, MAX 40W, see wattage chart for compatibility INT277-LTF ELV dimming, Integral power supply 277VAC, MAX 60W, see wattage chart for compatibility INTECO-Lutron Hi-Lume A Series L3D Integral power supply 120-277VAC Ecosystem, MAX 40W, see wattage chart for compatibility
	12"-144" 2" increments	HE64VLO - Very Low HE64LO - Low HE64SO - Standard HE64MO - Medium HE64HO - High HE64VHO - Very High HE64XHO - Extreme	22K-2200K 24K-2400K 27K-2700K 30K-3000K 35K-3500K 40K-4000K				Up to two power supplies will be provided when exceeding specified power supply max wattage. See Power Consumption Chart Tool for output wattage requirements.

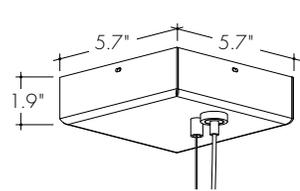
1 - Custom lengths and increments are available, please consult Inside Sales with specific request.
2 - Title 24 JA8 achievable depending on Output, CCT, and Lens selections. See multiplier charts to calculate specific efficacies.
3 - Non Base finishes may have extended lead times. Custom RALs are available, please consult Inside Sales with specific request.

4 - White canopy included with all finishes except Black and Matte Black, which include a Black canopy.
5 - Polished Gold finishes and Chrome finishes have a maximum fixture length of 96".

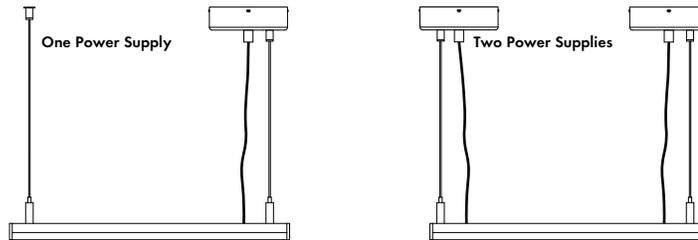
Product Dimensions



Canopy Options



Up to two integral power supplies and canopies may be provided based on wattage requirements



Finish Options

- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.
- Non Base finishes may have extended lead times and price adder.
- Polished Gold and Chrome finishes have a maximum fixture length of 96".
- Custom RALs are available, please consult Inside Sales with specific request.



Silver Anodized is a soft silver with a clear finish.

Black is a true deep black with a glossy finish.

Bronze is a rich, dark brown with a satin finish.

White is a polar bright white and field paintable.

Matte Black is a dark, pitch-black with a soft flat finish.



Warm Nickel is a soft, silvery smoke with warm tones and a satin finish.

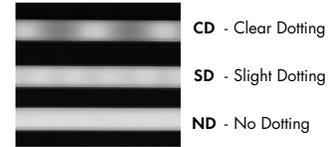
Aged Brass is a deep brown shade with slightly golden undertones.

Polished Gold is bright and radiant for a brilliant finish.

Chrome is a highly reflective silver polish.

Light Transmission and Dotting

Output Options	Lens/Accessory							
	CLQ Frosted Lens				CLS Frosted Lens			
Dimming Level	100%	50%	10%	1%	100%	50%	10%	1%
VC72VLO	ND	ND	ND	ND	ND	ND	ND	ND
VC72LO	ND	ND	ND	ND	ND	ND	ND	ND
VC72SO	ND	ND	ND	ND	ND	ND	ND	ND
VC72MO	ND	ND	ND	ND	ND	ND	ND	ND
VC72HO	ND	ND	ND	ND	ND	ND	ND	ND
VC72VHO	ND	ND	ND	ND	ND	ND	ND	ND
VC72XHO	ND	ND	ND	ND	ND	ND	ND	ND
HE64VLO	ND	ND	ND	ND	ND	ND	ND	ND
HE64LO	ND	ND	ND	ND	ND	ND	ND	ND
HE64SO	ND	ND	ND	ND	ND	ND	ND	ND
HE64MO	ND	ND	ND	ND	ND	ND	ND	ND
HE64HO	ND	ND	ND	ND	ND	ND	ND	ND
HE64VHO	ND	ND	ND	ND	ND	ND	ND	ND
HE64XHO	ND	ND	ND	ND	ND	ND	ND	ND
Transmission Percentage	100%				100%			

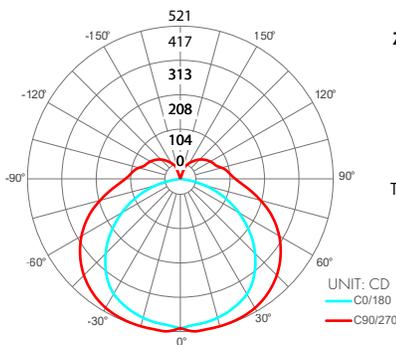


Use complete Dotting Chart Tool online for more dotting information



Photometry

CLQ-48-VC72VHO-30K-F
Clareo Q, 4ft, VHO, 3000K, Frosted Lens



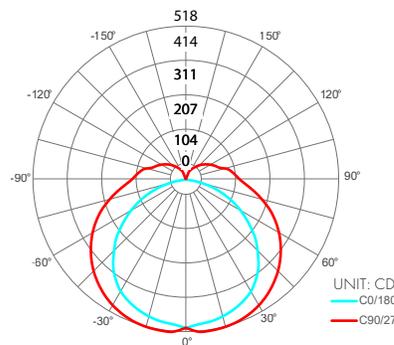
Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	110	19%
0-40	185	32%
0-60	345	60%
0-90	494	86%
Total 0-180	578	100%



UNIT: CD
C0/180
C90/270

CLS-48-VC72VHO-30K-F
Clareo S, 4ft, VHO, 3000K, Frosted Lens



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	107	19%
0-40	181	31%
0-60	340	59%
0-90	487	84%
Total 0-180	578	100%



UNIT: CD
C0/180
C90/270

Power Consumption

Please visit the link/QR code below to access the Luminii Power Consumption Chart tool on our website.

There you will be able to select your fixture, output, and desired power feed to get a full power consumption table.



I'm also click-able

Desired Nominal Length: _____

Desired Output: _____

Desired CCT: _____

Voltage Drop Calculator

The below chart assumes nominal voltage of 24 Volts and a Voltage Drop Allowance of 3% through the wire

Wattage [W]	Maximum Wire Length From Power Supply to Start of Run [ft]						
	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG
5	1088.2	684.4	430.3	270.6	170.2	107.1	67.3
10	544.1	342.2	215.1	135.3	85.1	53.5	33.7
15	362.7	228.1	143.4	90.2	56.7	35.7	22.4
20	272.0	171.1	107.6	67.7	42.6	26.8	16.8
25	217.6	136.9	86.1	54.1	34.0	21.4	13.5
30	181.4	114.1	71.7	45.1	28.4	17.8	11.2
35	155.5	97.8	61.5	38.7	24.3	15.3	9.6
40	136.0	85.5	53.8	33.8	21.3	13.4	8.4
45	120.9	76.0	47.8	30.1	18.9	11.9	7.5
50	108.8	68.4	43.0	27.1	17.0	10.7	6.7
55	98.9	62.2	39.1	24.6	15.5	9.7	6.1
60	90.7	57.0	35.9	22.6	14.2	8.9	5.6
65	83.7	52.6	33.1	20.8	13.1	8.2	5.2
70	77.7	48.9	30.7	19.3	12.2	7.6	4.8
75	72.5	45.6	28.7	18.0	11.3	7.1	4.5
80	68.0	42.8	26.9	16.9	10.6	6.7	4.2
85	64.0	40.3	25.3	15.9	10.0	6.3	4.0
90	60.5	38.0	23.9	15.0	9.5	5.9	3.7
96	56.7	35.6	22.4	14.1	8.9	5.6	3.5

Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

For use with INT120

Input Ratings

Voltage	120 VAC
Frequency	50/60 Hz
Current	0.37 A @ 120 VAC

Output Ratings

Voltage	24 VDC
Wattage	40 W Max

For use with INTECO

Input Ratings

Voltage	120-277 VAC
Frequency	50/60 Hz
Current	0.37 A @ 120 VAC 0.17 A @ 277 VAC

Output Ratings

Voltage	24 VDC
Wattage	40 W Max

For use with INT277

Input Ratings

Voltage	277 VAC
Frequency	50/60 Hz
Current	0.20 A

Output Ratings

Voltage	24 VDC
Wattage	60 W Max