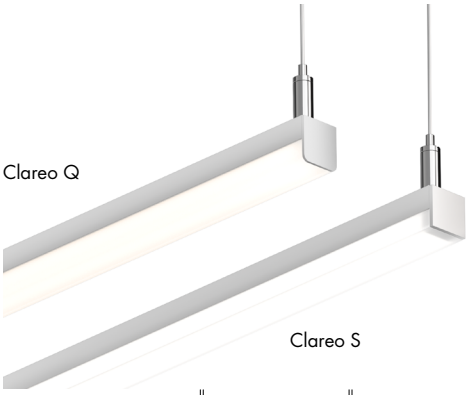
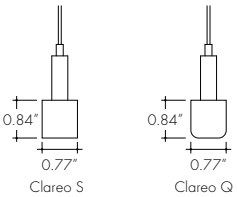
Clareo Suspended Integral - Static White | Linear Illumination System

luminii





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	Silver Anodized				
Powder Coat	Black	Bronze	White		
Premium	Matte Black	Warm Nickel	Aged Brass	Polished Gold	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.

Vibrant Color (VC72)

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

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.

High Efficacy (HE64)

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

MODEL
- CLS - Clareo S
- CLQ - Clareo Q

LENGTH[1]
- 12"–144" (1" increments)
- 12"–144" (2" increments)

OUTPUT[2]
- VC72VLO - Very Low
- VC72LO - Low
- VC72SO - Standard
- VC72MO - Medium
- VC72HO - High
- VC72VHO - Very High
- VC72XHO - Extreme
- HE64VLO - Very Low
- HE64LO - Low
- HE64SO - Standard
- HE64MO - Medium
- HE64HO - High
- HE64VHO - Very High
- HE64XHO - Extreme

CCT
- 18K - 1800K
- 22K - 2200K
- 24K - 2400K
- 27K - 2700K
- 30K - 3000K
- 35K - 3500K
- 41K - 4100K
- 22K - 2200K
- 24K - 2400K
- 27K - 2700K
- 30K - 3000K
- 35K - 3500K
- 40K - 4000K

LENS
- F - Frosted

STANDOFF TYPE
- S - Straight
- P - Sloped

FINISH[3, 4]

BASE
- SA - Silver Anodized

POWDER COAT
- BK - Black
- BZ - Bronze
- WH - White

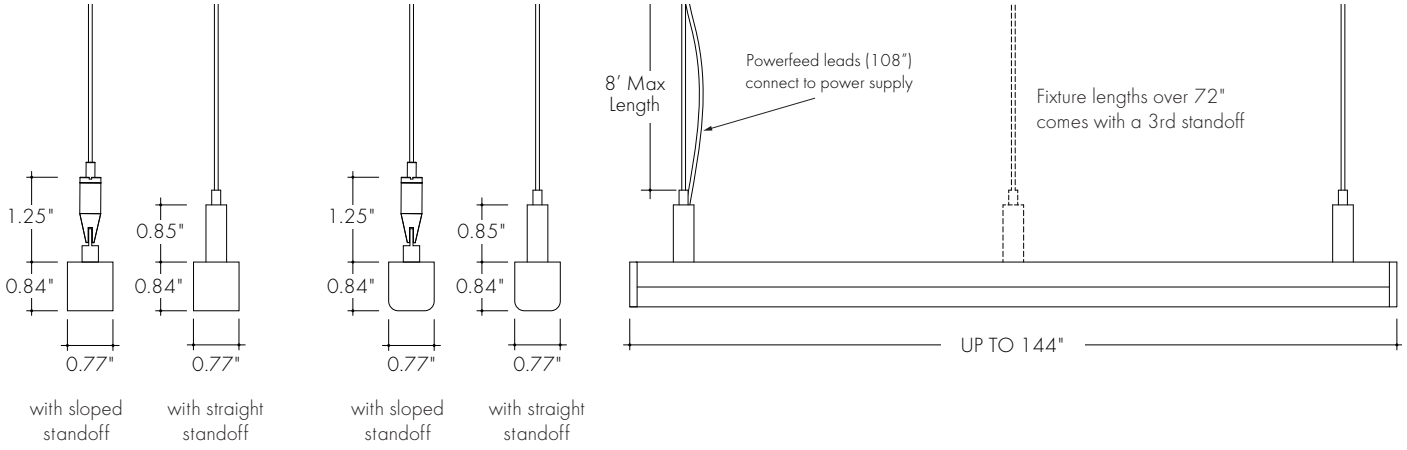
PREMIUM
- MBK - Matte Black
- WN - Warm Nickel
- AB - Aged Brass
- PG - Polished Gold[5]
- CH - Chrome[5]

POWER FEED
- INT120 - Lutron Hi-Lume A Series ELV dimming, Integral power supply 120VAC, MAX 40W, see wattage chart for compatability
- INT277 - LTF ELV dimming, Integral power supply 277VAC, MAX 60W, see wattage chart for compatability
- INTECO - Lutron Hi-Lume A Series L3D Integral power supply 120-277VAC Ecosystem, MAX 40W, see wattage chart for compatability

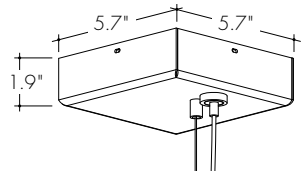
Up to two power supplies will be provided when exceeding specified power supply max wattage.
See Power Consumption Chart Tool for output wattage requirements.

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".

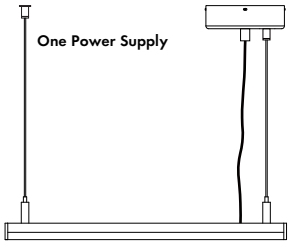
Product Dimensions

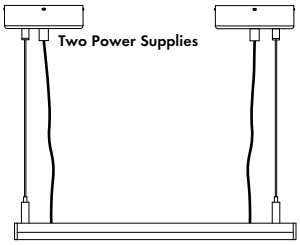


Canopy Options



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





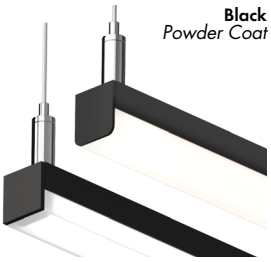
Finish Options

- 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.



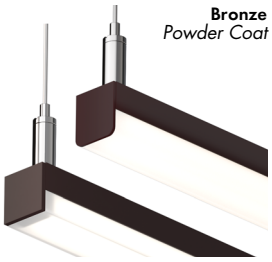
Silver Anodized *Base*

Silver Anodized is a soft silver with a clear finish.



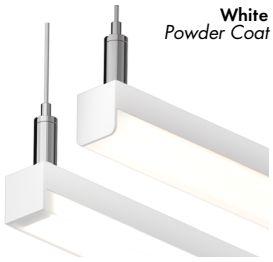
Black *Powder Coat*

Black is a true deep black with a glossy finish.



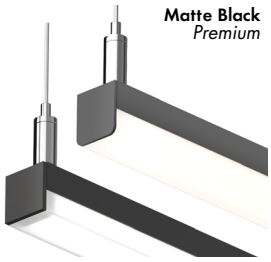
Bronze *Powder Coat*

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



White *Powder Coat*

White is a polar bright white and field paintable.



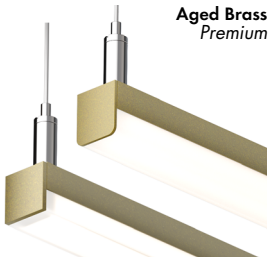
Matte Black *Premium*

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



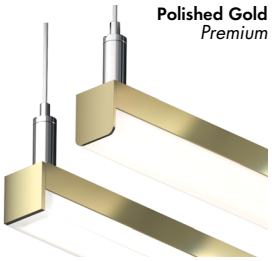
Warm Nickel *Premium*

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



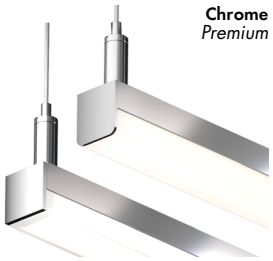
Aged Brass *Premium*

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



Polished Gold *Premium*

Polished Gold is bright and radiant for a brilliant finish.

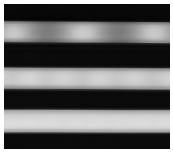


Chrome *Premium*

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%			



CD - Clear Dotting

SD - Slight Dotting

ND - No Dotting

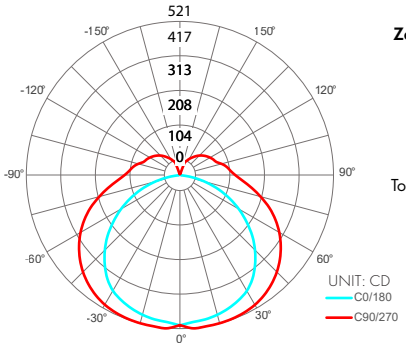
Use complete Dotting Chart Tool online for more dotting information

I'm also click-able

Photometry

CLQ-48-VC72VHO-30K-F

Clareo Q, 4ft, VHO, 3000K, Frosted Lens



Zonal Lumen Summary 3000K

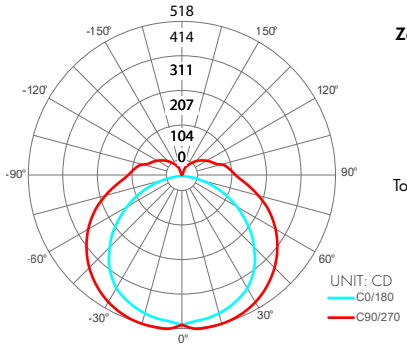
	Zone	Lumen	% Fixture
	0-30	110	19%
	0-40	185	32%
	0-60	345	60%
	0-90	494	86%
Total	0-180	578	100%

Beam Angle

152°

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%

Beam Angle

149°

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, ouput, 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.
Use options below for Integral power supplies.

For use with INT120

MODEL

LTEA4U1UKN-CV240

Hi-lume™ 1% 1% / 2-Wire LED Driver Forward-Phase / 40W 24VDC

MODELS	LTEA4U1UKN-CV240
Length	4.98"
Width	4.00"
Depth	2.62"

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

MODEL

L3DA4U1UKN-CV240

Hi-lume™ 1% EcoSystem / 3-Wire L3D Driver / 40W 24VDC

MODELS	L3DA4U1UKN-CV240
Length	4.98"
Width	4.00"
Depth	2.62"

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

MODEL

TE60WD24LED

277VAC Input, 50/60 Hz, 0.2A Input Current, ELV Dimming

MODELS	TE60WD24LED
Length	4.21"
Width	1.75"
Depth	0.96"

Input Ratings	
Voltage	277 VAC
Frequency	50/60 Hz
Current	0.20 A

Output Ratings	
Voltage	24 VDC
Wattage	60 W Max