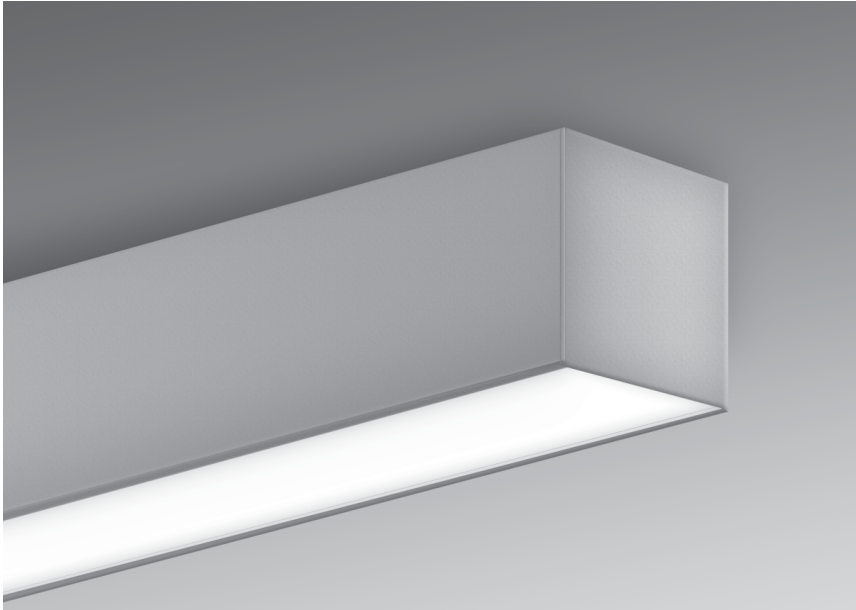


CERTIFICATIONS

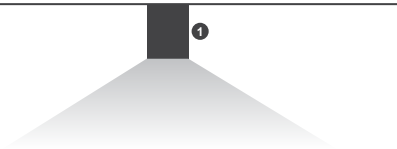
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PROJECT

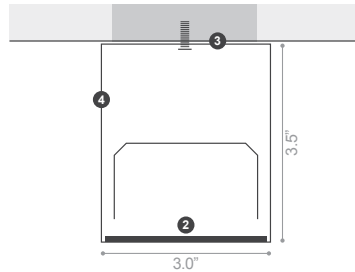
COMMENTS



LIGHT DISTRIBUTION



CROSS-SECTION



FEATURES

OPTICAL SYSTEM

1. VERSATILE LIGHT ENGINE

Multiple Lumen Intensities Provide the Correct Level of Illumination Within Each Space

2. EVENLY ILLUMINATED LOWER LENS

High Efficiency Diffuser Designed to Minimize Glare and Provide Uniform Light Distribution

HOUSING

3. HIDDEN CONNECT

Concealed Connection Point Between the Ceiling and Fixture Eliminates the Visibility of Hardware

4. SURE-FIT ALIGNMENT

4-Point Alignment System Adjoining Each Luminaire Section to Ensure Straighter Rows While Minimizing the Appearance of Seams

DIMMING

5. 0-10 VOLT DIMMING STANDARD

See Options Below for Additional Dimming Options

ORDERING

SERIES	LENGTH ¹	OUTPUT ²	RATIO ³	VOLTAGE	CCT	MOUNTING	COLOR	DIMMING
C3			01			CM		
	XXX FT 1" INCREMENTS EX: 4' = 004	H2 1200 LM/FT H1 1000 LM/FT H 800 LM/FT M 600 LM/FT L 400 LM/FT	01 0/100	12 120V 27 277V	30 3000K 35 3500K 40 4000K	CM CEILING MOUNT	W WHITE S SILVER G CHARCOAL GREY	0-10 0-10V DIMMING DALI DALI DIMMING ND NO DIMMING

OPTIONS

EM EMERGENCY BATTERY PACK
EC EMERGENCY CIRCUIT
NC NIGHT LIGHT CIRCUIT
GTD GENERATOR TRANS. DEVICE

DS DAYLIGHT SENSOR
OS OCCUPANCY SENSOR
DOS DUAL DAYLIGHT & OCCUPANCY SENSOR

FS FUSING
C90 90 CRI

¹Nominal length; ² Minimum Length

²Nominal lumens per foot

³Ratio defined as percentage of light illuminated upwards versus percentage of light illuminated downwards

⁴80 CRI standard



MECHANICAL

Housing Construction:

Extruded Aluminum 6063-T5 alloy outer housing with die-formed steel internal components for strength, alignment and mounting attachment.

Alignment/Assembly:

The Sure-Fit alignment system employs an four-point alignment and attachment method, designed to create straighter rows and minimize seams between sections (field assembled). Two alignment tabs ensure the outer extruded aluminum rails are aligned, while two draw-screws secure housing-to-housing attachment.

Lengths:

The C3 is available in a minimum 2-foot (24") length with additional 1-foot (12") increments available. Longer fixture rows are available and will be configured per Lumato factory specifications; typical rows are configured with 8-foot fixtures.

Mounting Method/Hardware:

The C3 is available for mounting upon any ceiling type, additional mounting hardware available by others.

Exterior Finish:

The C3 is available in White, Silver, or Charcoal Grey polyester powder coat finish to ensure durability. Luminaires are available in any RAL color as an option

OPERATION

Light Engine:

The C3 is available in 3000K, 3500K & 4000K CCT all within a 2.5-Step MacAdam Ellipse and has a standard CRI of 80+ with a 90+ CRI option available.

Optics:

The back lit extruded acrylic lens ensures high efficiency light output, in a minimal form factor for a clean, evenly illuminated lower surface with minimal glare.

Electrical:

Class 2 driver, 100 watt maximum output, 120-277VAC input. Power factor >0.9. THD <15%. Integral Surge Protection to 2KV.

Dimming:

The C3 comes standard with 0-10V dimming and DALI dimming is available as an option. Both 0-10V and DALI allow for dimming down to 1%.

Optional Controls:

The C3 is available with optional integrated daylight and occupancy sensors. Sensors may extend the length of the luminaire and are located at the end of a row, near the power feed. Contact factory for custom locations.

GENERAL

Warranty:

Five (5) year limited warranty from date of shipment, covers LED's, driver, and luminaire. Optional accessories are covered by their individual Manufacturers warranties.

Lumen Maintenance:

Rated for 85% initial lumen output (L85) at 50,000 Hours of operation, operated at 25C ambient temperature; per TM-21 Guidelines published by the Illuminating Engineering Society (IES).

Certification

All Luminaires are UL and cUL Listed, approved for Dry/Damp locations

Made in the USA

All Lumato Luminaires and Components (with the exception of our LED boards and drivers) are proudly manufactured and assembled in the USA.

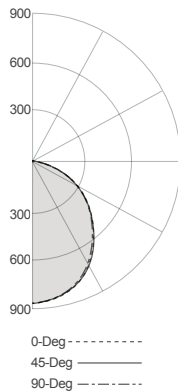
PHOTOMETRICS

C3-4-M-01-12-30-SM-X

Total Lumens: 2,321
Ratio: 0% Up and 100% Down
Wattage: 22.50
Efficacy: 103.2 (Lumens Per Watt)
Fixture Length: Four Feet

Zonal Lumen Summary

Zone	Lumens	% Fixt
0 - 30	666	28.7
0 - 40	1072	46.2
0 - 60	1842	79.4
0 - 90	2321	100.0
90 - 180	0	0.0
0 - 180	2321	100.0



Coefficients Of Utilization

RC	80				70				50		
	RW	70	50	30	10	70	50	30	10	50	30
0	119	119	119	119	116	116	116	116	111	111	111
1	109	104	100	96	106	102	98	94	97	94	91
2	99	91	84	78	96	89	83	77	85	80	76
3	90	80	72	65	88	78	71	65	75	69	63
4	83	71	62	55	80	70	61	55	67	60	54
5	76	63	54	48	74	62	54	48	60	53	47
6	70	57	48	42	69	56	48	42	54	47	41
7	65	52	43	37	64	51	43	37	50	42	37
8	61	47	39	33	59	47	39	33	45	38	33
9	57	44	35	30	56	43	35	30	42	35	30
10	53	40	32	27	52	40	32	27	39	32	27

ENERGY CONSUMPTION

Watts Per Linear Foot

	H2:1200	H1:1000	H:800	M:600	L:400
0/100	12.53	9.575	7.83	5.63	4.03