

### 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

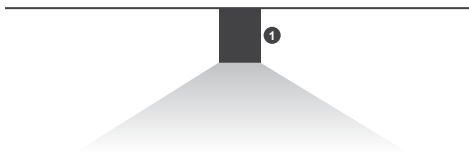
4-Point Alignment System Adjoining Each Luminaire Section to Ensure Straighter Rows While Minimizing the Appearance of Seams

### DIMMING

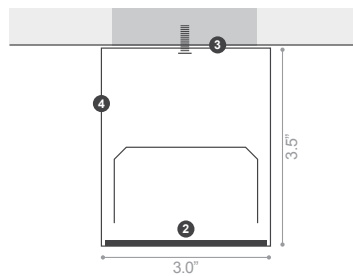
#### 5. 0-10 VOLT DIMMING TO 1% STANDARD

See Options Below for Additional Dimming Options

LIGHT DISTRIBUTION



CROSS-SECTION



SERIES	LENGTH <sup>1</sup>	OUTPUT <sup>2</sup>	RATIO <sup>3</sup>	VOLTAGE	CCT	MOUNTING	COLOR	DIRECT OPTICS	OPTIONS
<b>C3</b>			<b>01</b>	<b>UNV</b>		<b>CM</b>	<b>W</b>	<b>SD</b>	<b>QS</b>
	<b>XXX</b> FT 2 INCREMENTS STARTING AT 4' EX: 4' = 004	<b>H2</b> 1200 LM/FT <b>H1</b> 1000 LM/FT <b>H</b> 800 LM/FT <b>M</b> 600 LM/FT <b>L</b> 400 LM/FT	<b>01</b> 0/100	<b>UNV</b> 120-277 Volt	<b>30</b> 3000K <b>35</b> 3500K	<b>CM</b> CEILING MOUNT	<b>W</b> WHITE	<b>SD</b> SYMMETRICAL DOWN LIGHT	<b>QS</b> QUICKSHIP

<sup>1</sup>Nominal length; 2' Minimum Length

<sup>2</sup>Nominal lumens per foot

<sup>3</sup>Ratio defined as percentage of light illuminated upwards versus percentage of light illuminated downwards



### 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 six-point alignment and attachment method, designed to create straighter rows and minimize seams between sections (field assembled). Four alignment tabs ensure the outer extruded aluminum rails are aligned, while two draw-screws secure housing-to-housing attachment.

#### Lengths:

The QuickShip C3 is available in 2-foot (24") lengths starting at 4-feet (48"). Longer fixture rows are available and will be configured per Lumato factory specifications.

#### Mounting Method/Hardware:

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

#### Exterior Finish:

The QuickShip C3 is available in White polyester powder coat finish to ensure durability.

### OPERATION

#### Light Engine:

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

#### 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 programmable (factory pre-set) premium power supply, 120-277VAC input. Power factor >0.9. THD <15%. Integral Surge Protection to 2KV.

#### Dimming:

The QuickShip S3 comes standard with 0-10V dimming. The 0-10V control allows dimming down to 1%.

### GENERAL

#### Warranty:

Five (5) year limited warranty from date of shipment, covers LED's, driver, and luminaire.

#### 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.

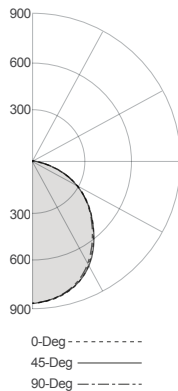
### PHOTOMETRICS

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