

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

Semi-Recessed Connection Point Between Cable and Fixture Reduces the Visibility of Hardware

4. SURE-FIT ALIGNMENT

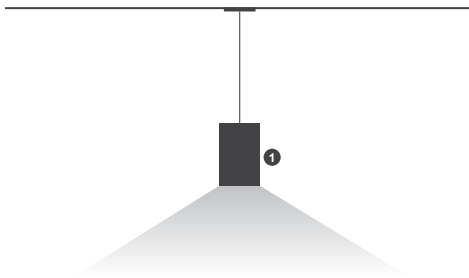
4-Point Alignment System Adjoining Each Luminaire Section to Ensure Straighter Rows While Minimizing the Appearance of Seams

DIMMING

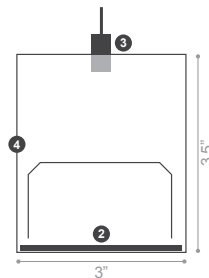
5. 0-10 VOLT DIMMING TO 1% STANDARD

See Options Below for Additional Dimming Options

LIGHT DISTRIBUTION



CROSS-SECTION



SERIES	LENGTH ¹	OUTPUT ²	RATIO ³ U/D	VOLTAGE	CCT	MOUNTING	COLOR	DIRECT OPTICS	OPTIONS
S3			01	UNV				SD	QS
	XXX FT 2 INCREMENTS STARTING AT 4" 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	UNV 120-277 Volt	30 3000K 35 3500K	AIRCRAFT CABLE 72" CABLE STANDARD T1 1" T GRID T9 9/16" T GRID SC SCREW SLOT GRID HC HARD CEILING	W WHITE	SD SYMMETRICAL DOWNLIGHT	QS QUICKSHIP

¹Nominal length

²Nominal lumens per foot

³Ratio 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 a 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 S3 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 Hidden-Connect design semi-recesses the attachment hardware (hanging cable and power cord) below the top plane of the housing to enable a sleek, clean finished look. Standard hanging hardware includes 1/16" diameter, galvanized steel aircraft cable with adjustable and lockable nickel-plated cable grippers and a white 18/5 S.O. power cord. The standard hardware includes a 84" power cord and 78" aircraft cables to accommodate a 72" mounting distance from the ceiling. Longer hanging cables and power cords available as an option. Ceiling canopy provided.

Exterior Finish:

The QuickShip S3 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

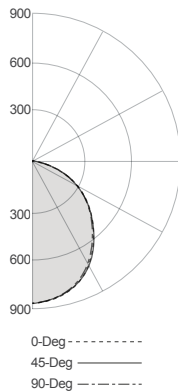
Made in the USA

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

PHOTOMETRICS

S3-4-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