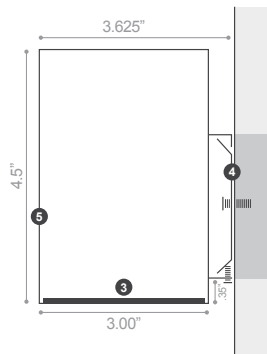


LIGHT DISTRIBUTION



CROSS-SECTION



OPTICAL SYSTEM

1. OPTIMAL ASYMMETRICAL DISTRIBUTION

Diffused Forward Throw Optics with High Efficiency Diffuser Properly Illuminates the Wall, Provides Even Illumination Across the Ceiling and Protects LED's from Dust and Debris

2. VERSATILE LIGHT ENGINE

Multiple Lumen Intensities Along With Various Up/Down Light Options to Provide the Correct Level of Illumination Within Each Space

3. EVENLY ILLUMINATED LOWER LENS

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

ADA COMPLIANT HOUSING

4. HIDDEN CONNECT

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

5. SURE-FIT ALIGNMENT

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

ELECTRICAL

6. OPTIONAL INTEGRAL EMERGENCY BATTERY PACK

UL Listed 924 Emergency System has been Engineered to Exceed UL Minimum Safety Standards.

7. 0-10 VOLT DIMMING TO 1% STANDARD

See Options Below for Additional Dimming Options

SERIES	LENGTH ¹	OUTPUT ²	RATIO ³	VOLTAGE	CCT	MOUNTING	COLOR	DIRECT OPTICS	DIMMING
W3						WM		SD	
	XXX FT 2' INCREMENTS EX: 4' = 004	H3 1400 LM/FT	72 75/25	12 120V	30 3000K	WM WALL MOUNT	W WHITE	SD SYMMETRICAL DOWN LIGHT	0-10 1% 0-10V DIMMING
		H2 1200 LM/FT	64 60/40	27 277V	35 3500K		S SILVER		0-10 IND ⁷ INDEPENDENT UID CONTROL
		H1 1000 LM/FT	55 50/50		40 4000K		G CHARCOAL GREY		DALI DALI DIMMING
		H 800 LM/FT	46 40/60				B BLACK		DALI IND ⁷ INDEPENDENT UID CONTROL
		M 600 LM/FT	27 25/75						ND NO DIMMING
		L 400 LM/FT	C ⁸ Custom						
		C ⁷ Custom							

¹Nominal length
²Nominal lumens per foot
³Ratio defined as percentage of light illuminated upwards versus percentage of light illuminated downwards
⁴80 CRI standard
⁵Contact factory for available configurations and additional lead times
⁶Standard EC Illuminates Entire 8' Fixture Section. For Custom Options Please Consult Factory
⁷Does not include independent switching

OPTIONS

EM EMERGENCY BATTERY PACK	SS-U/D SEPARATE SWITCHING UPWARD/DOWNWARD	DS DAYLIGHT SENSOR
EC ⁶ EMERGENCY CIRCUIT	SS-A/B SEPARATE SWITCHING LINEAR ZONES	OS OCCUPANCY SENSOR
NC NIGHT LIGHT CIRCUIT	SC-U/D SEPARATE CIRCUIT UPWARD/DOWNWARD	DOS DUAL DAYLIGHT & OCCUPANCY SENSOR
GTD GENERATOR TRANS. DEVICE	SC-A/B SEPARATE CIRCUIT LINEAR ZONES	FS FUSING
		C90 ⁴ 90 CRI



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). Two alignment tabs ensure the outer extruded aluminum rails are aligned, while four draw-screws secure housing-to-housing attachment.

Lengths:

The W3 is available in a minimum 2-foot (24") length with additional 2-foot (24") 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 Hidden-Connect design recesses or hides all attachment hardware. Standard mounting hardware includes a galvanized wall cleat with side to side adjusting for final alignment. Position all Junction Boxes in Accordance with Final Manufacturer Submittal Drawings. Feed Point is on the Left Hand Mounting Point for all Products Longer than 2'; All 2' Products have a Center Feed Point.

Exterior Finish:

The W3 is available in White, Black, 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 W3 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 programmable (factory pre-set) premium power supply, 120-277VAC input. Power factor >0.9. THD <15%. Integral Surge Protection to 2KV.

Dimming:

The W3 comes standard with 0-10V dimming. The 0-10V control allows dimming down to 1%. DALI dimming is available as an option and allows for dimming down to 5%.

Optional Controls:

The W3 is available with optional integrated daylight and occupancy sensors. Sensors extend the length of the luminaire and are located at the end of a row, near the power cord. 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

Angeled Connectors

Angled luminaire connectors are available, consult factory for drawings and specifications

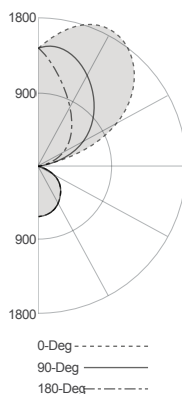
Made in the USA

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

PHOTOMETRICS

W3-4-H3-72-12-35-XX-X

Total Lumens: 5700
Ratio: 75% Up and 25% Down
Wattage: 50.6
Efficacy: 112.6 (Lumens Per Watt)
Report Number: ITL89937
Fixture Length: Four Feet

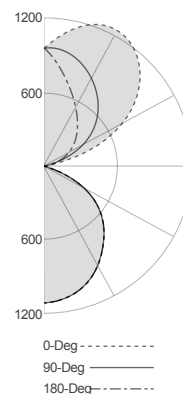


Zonal Lumen Summary

Zone	Lumens	% Fixt
0 - 30	423	7.4
0 - 40	682	12.0
0 - 60	1171	20.5
0 - 90	1467	25.7
90 - 120	823	14.4
90 - 130	1511	26.5
90 - 150	3065	53.8
90 - 180	4233	74.3
0 - 180	5700	100.0

W3-4-H3-55-12-35-XX-X

Total Lumens: 5706
Ratio: 50% Up and 50% Down
Wattage: 51.5
Efficacy: 110.8 (Lumens Per Watt)
Report Number: ITL89935
Fixture Length: Four Feet



Zonal Lumen Summary

Zone	Lumens	% Fixt
0 - 30	848	14.9
0 - 40	1365	23.9
0 - 60	2338	41.0
0 - 90	2915	51.1
90 - 120	551	9.7
90 - 130	1007	17.6
90 - 150	2029	35.5
90 - 180	2791	48.9
0 - 180	5706	100.0

ENERGY CONSUMPTION

Watts Per Linear Foot

	H3:1400	H2:1200	H1:1000	H:800	M:600	L:400
75/25	12.65	10.75	8.98	7.21	5.31	3.54
60/40	12.85	10.92	9.12	7.32	5.39	3.59
50/50	12.87	10.93	9.13	7.33	5.40	3.60
40/60	13.17	11.19	9.35	7.50	5.53	3.68
25/75	13.95	11.85	9.90	7.95	5.85	3.90