



MEGA M4 Series

M4P & M4S LED Pendant D/DI and Surface

- Floating-Optic® Design
- > No lens = Higher efficacy
- Batwing distribution pattern for optimal spacing
- > Quick disconnect wiring for easy maintenance.
- 3 Macadam Ellipses binning.
- > 100 % concealed source & Brightness Control No glare
- Controls compatible with 0-10V dimming, Lurton, and DALI
- Efficacy up to 105 LPW
- > 16 different light levels aside from dimming and Bi-level switching
- > 2, 4, 8ft & Continuous runs
- > 3000k, 3500K & 4000K CCT & Tunable White option
- LM79 & LM80 compliant
- ≻ L90 ≥ 60,000h by IESNA TM-21
- ≻ UL/CSA
- Suitable for dry locations only
- DLC pending qualifications







Floating Optic LED





Ray tracing pattern of reflective optics

- Eliminates the 'lens barrier' in luminaire design
- Designed around the LED engine and high efficient optical system.
- Shapes, bends, and controls the light beam.
- Carefully designed to shape the Batwing Distribution.
- Efficacy improves dramatically.

Arches A4 Photometry

M4P, M4PI & M4S

LED Pendant D/DI and Surface

Model Config.	Output (Lumens)	Wattage	Efficacy (L/W)	Down/up (%)
UL/L1	3738	38	98	65/35
UM/L1	4093	41	100	60/40
UH/L1	4810	46	105	50/50
UL/L2	4406	46	96	70/30
UM/L2	4760	49	98	65/35
UH/L2	5480	54	102	57/43
UL/L3	5761	59	98	77/23
UM/L3	6115	62	99	73/27
UH/L3	6834	67	102	65/35
UL/L4	9845	108	91	86/14
UM/L4	10194	110	92	83/17
UH/L4	10918	115	95	78/22
L1	2437	27.7	88	100% Down
L2	3101	35.4	88	100% Down
L3	4457	48.6	92	100% Down
L4	8523	97.2	88	100% Down





Innovation in Design

Extrusion and LED-Engine coupling design engineered for maximum Heat dissipation



Metalumen





Optical system perfected for optimal Bat-wing wide distribution with high efficacy and efficiency design

Tunable white Controls

- Tunable white option from 2700K-6500K
- Tunable white with controls via DMX controls
- Remote 0-10V dimming Driver standard
- Max Current Output of 2A & 120W per channel







System Energy & Maintenance Savings



*** Calculation is based on actual LED fixture used in comparison to a 2-T5 28W FL fixture. Assumptions are \$0.12 per KWh and 10 operating Hours/day (10h @ full power). These are estimated savings only. Annual and monthly savings are based on a number of variables and assumptions that could change over time. The actual savings derived by our firm may be higher or lower. Metalumen's business does not imply a warranty of performance or savings as calculated and shown within this document.



A4 vs. Competitor



Room Size: 60' X 60' Ceiling Height: 9' w/ 18" suspension 5 runs X 8 Columns with 13' OC, LLF=0.9 # of fixtures: 40

A4 vs. Competitor



Public Library Room Size: 50' X 50' Ceiling Height: 9' w/ 18" suspension 4 runs @ 12'

A4 vs. Competitor



3299	Delivered Lumens	3400
35	Input Power (Watts)	33.5
95	Delivered LPW	101
0.71	Watts/Sq. Ft.	0.68
44	Horizontal Avg. Fc	39
62	Horizontal Max Fc	58
1	Horizontal Min Fc	1.79
1.41	Max/Avg	1.49
34	Vertical Avg. Fc	28





Metalumen M4 M4PI-2L35K-4-U-N-UL-L1 (Dimmed*)



Metalumen

3299	Delivered Lumens	3322	
35	Input Power (Watts)	39	
95	Delivered LPW	85	
0.71	Watts/Sq. Ft.	0.80	
44	Horizontal Avg. Fc	45	
62	Horizontal Max Fc	71	
1	Horizontal Min Fc	1.39	
1.41	Min/Max	1.58	
34	Vertical Avg. Fc	30	

FluxWerx Profile PR1-AC35 (Low Output)



Public Library Calculation



Retail Space Calculation



Shipping

Standard Lead time: Ships in 4-6 weeks

First 4 months of production: Ships in 8-10 weeks



Sales Tools



Sales Samples



MODEL	Catalog Logic	Description	
DR Recessed	SMCP-DR25-2L35K-2-N-N-W-L31-T-4	DR25, 3500K, 2FT, L3 DOWNLIGHT, WHITE, T-BAR RECESSED, UNV with C&P.	
ARCHES Pendant	SMCP-A4P-2L35K-2-U2-N-B-L21-PA-4	ARCHES, 3500K, 2FT, LEVEL2 UPLIGHT, LEVEL2 DOWNLIGHT, BLACK, PENDANT, UNV with C&P.	
MEGA Surface	SMCP-M4S-2LTUN-2-N-N-SA-L31-S-4-BLU	MEGA, TUNABLE WHITE, 2FT, L3 DOWNLIGHT, SATIN ALUMINUM, SURFACE, UNV with C&P AND BLUETOOTH CONTROL.	



Overview of New fixtures to expect in the upcoming weeks

