

CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#: TAFML418

SERIES SPECIFICATIONS



To supply and install Tamlite's TAFML Series of LED Flush Mount Luminaire as specified. The Luminaire shall operate at 120VAC to 277VAC. The frame shall be constructed of formed steel with a tamper resistant Acrylic Lens. LEDs shall be as specified Hongli LED chips. The luminaire shall be c-UL-us listed and Energy Star Approved.



PERFORMANCE SPECIFICATIONS

FIG.1 - Luminance Distribution Chart

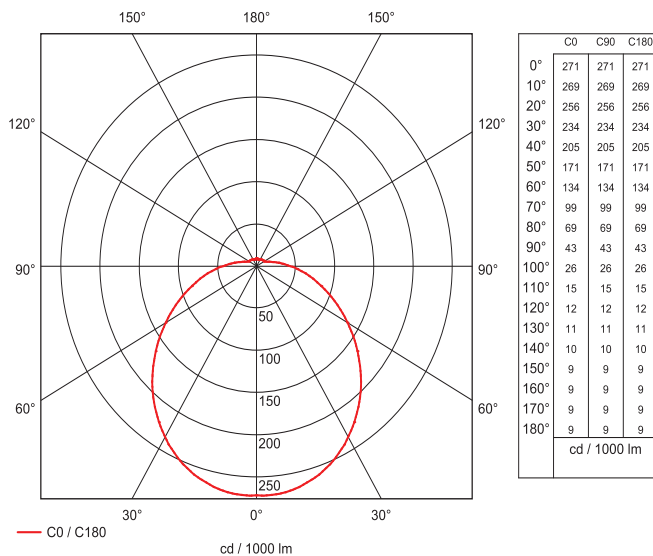


FIG.2 - Zonal Lumen Summary

ZONE	LUMENS	LAMP %	LUMINAIRE %
0-30	345	21.38%	21.38%
0-40	568	35.14%	35.14%
0-60	1023	63.31%	63.31%
0-90	1449	89.64%	89.64%
40-90	881	54.50%	54.50%
60-90	425	26.33%	26.33%
90-180	167	10.36%	10.36%
0-180	1617	100.00%	100.00%

Initial Lumen Output - 1700 lm \pm 10%
Certification Standards: cULus, Energy Star
Limited Product Warranty: 5 Years
Operating Temp: -20°C to +40°C
Spacing Criteria: 1.3 (C0/180); 1.3 (C90/270)
Efficacy - 99.50 lm/W
Environmental Rating: IP44
UL Classification: Damp Location Listed

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PERFORMANCE SPECIFICATIONS

FIG.3 - Coefficients of Utilization

Effective Floor Cavity Reflectance - .20

CC	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	1.17	1.17	1.17	1.17	1.13	1.13	1.13	1.13	1.05	1.05	1.05	.99	.99	.99	.93	.93	.93	.90
1	1.05	1.00	.95	.90	1.01	.96	.92	.88	.90	.87	.83	.84	.82	.79	.79	.77	.75	.72
2	.95	.87	.80	.73	.92	.84	.77	.72	.78	.73	.68	.74	.69	.65	.69	.66	.62	.60
3	.87	.76	.68	.61	.83	.74	.66	.60	.69	.63	.57	.65	.60	.55	.61	.57	.53	.50
4	.80	.68	.59	.52	.77	.66	.58	.51	.62	.55	.49	.58	.52	.48	.55	.50	.46	.43
5	.73	.60	.51	.44	.70	.58	.50	.44	.55	.48	.42	.52	.46	.41	.49	.44	.39	.37
6	.67	.54	.45	.39	.65	.52	.44	.38	.49	.42	.37	.47	.40	.35	.44	.39	.34	.32
7	.62	.48	.39	.33	.60	.47	.39	.33	.44	.37	.32	.42	.35	.31	.40	.34	.30	.28
8	.57	.44	.35	.29	.55	.42	.34	.29	.40	.33	.28	.38	.32	.27	.36	.31	.26	.24
9	.53	.40	.31	.26	.51	.39	.31	.25	.37	.30	.25	.35	.28	.24	.33	.27	.23	.21
10	.49	.36	.28	.23	.48	.35	.28	.22	.33	.27	.22	.32	.25	.21	.30	.25	.20	.19

ELECTRICAL SPECIFICATIONS

Voltage: 120-277VAC
Frequency: 60 Hz

Current Draw: 0.146A
Power Factor: 0.969 @120VAC

Fixture Draw: 18W ± 10%

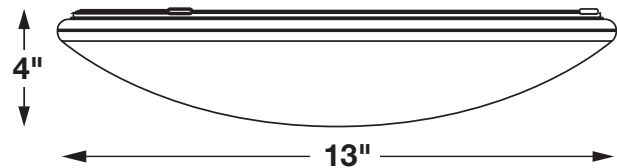
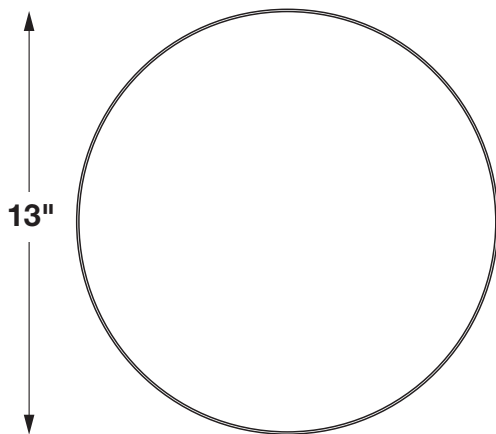
LED SPECIFICATIONS

LED Chip: Hongli
LED Type: Array

CRI: 80.6
Average Life: L70(6K)=35,000 hrs

CCT: 4000K
Dimming: Not dimmable

LINE DRAWING



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PHYSICAL SPECIFICATIONS

Mounting: Surface

Lens Type: Tamper Resistant Acrylic

Housing Material: Formed Steel

ORDERING INFORMATION

Part Number: TAFML418

Inner Carton Quantity: 1

Inner Carton Length: 375mm - 14.76"

Inner Carton Width: 107mm - 4.21"

Inner Carton Height: 375mm - 14.76"

Inner Carton Weight: 0.84kg - 1.85lbs

Outer Carton Quantity: 10

Outer Carton Length: 765mm - 30.11"

Outer Carton Width: 555mm - 21.85"

Outer Carton Height: 400mm - 15.74"



The U.S. Department of Energy's LED Lighting Facts® Program has verified product performance based on industry-standardized testing.



For details, see: _____ Tamlite Lighting _____

Model # _____ TAFML418 _____

www.lightingfacts.com/products