

Project:					
Location:					
Model#: TAMHLX110W850M	Туре:				
Client:	Qty:				
Prepared by:	Date:				

SERIES SPECIFICATIONS



To supply Tamlite TAMHLX series of LED fixtures as specified. The luminaire shall operate at 120-277Vac. The housing shall be constructed of powder-coated steel with a heat and impact resistant polycarbonate lens. All parts shall be corrosion resistant. The fixture shall be cULus Listed. The fixture shall be DLC Approved









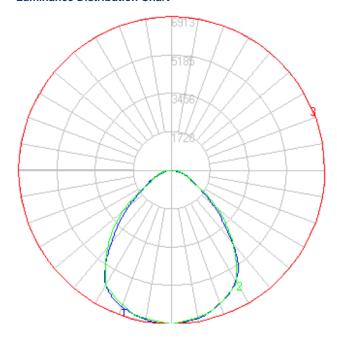




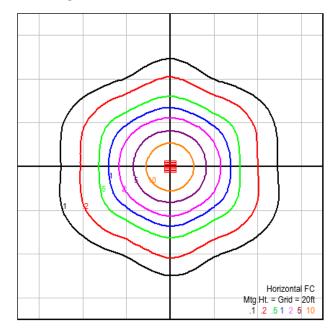


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram





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Co-efficient of Utilization

RC		8	0			7	0		50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RF		2	0			2	0			20		20			20			20
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	103	100	108	104	101	98	100	97	95	96	94	92	93	91	89	87
2	102	95	89	84	100	93	88	83	90	85	82	87	83	80	84	81	78	76
3	94	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	68	66
4	87	77	69	63	85	76	68	63	73	67	62	71	66	61	69	64	60	58
5	81	70	62	56	79	69	61	55	67	60	55	65	59	54	63	58	54	52
6	75	63	55	50	74	62	55	49	61	54	49	59	53	49	58	52	48	46
7	70	58	50	44	69	57	50	44	56	49	44	54	48	44	53	48	43	42
8	66	53	46	40	64	53	45	40	51	45	40	50	44	40	49	44	39	38
9	62	49	42	36	60	49	41	36	48	41	36	47	40	36	46	40	36	34
10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	42	37	33	31

Initial Lumen Output: 14,850 lm

Beam Angle: 90 deg

Spacing Criteria: 1.23 (C0-180), 1.25

(C90-270)

Ambient Operating Temp: -40C to 50C (-

40? to 122?)

CCN Number: E359675

Efficacy: 135.5 lm/W Field Angle: 140 deg

Environmental Rating(s): IP20

Certification Standards: cULus, DLC

Premium 5.1

Limited Product Warranty: 5 Year

CBCP: 6,913 cd

Luminaire Type: Suspended - Direct UL Classification: Dry Location DLC Number: S-5M9JIA



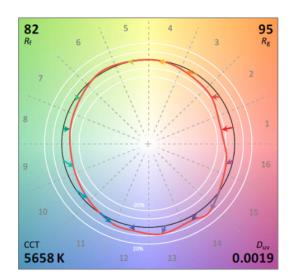
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LED SPECIFICATIONS

R Tables

R-Tables; Special Colour Rendering Indices							
	Measured at 5,661K						
R1	81 R9 1						
R2	88	R10	72				
R3	92	R11	81				
R4	82	R12	58				
R5	82	R13	83				
R6	83	R14	96				
R7	86	R15	76				
R8	666						

TM-30



Source Type: LED CRI: 80

L90: 51,000hrs **Duv:** 0.0016

Manufacturer: Lumileds

Rf: 84

Colour Temperature: 5000K

Part Number: L128-2780

Rg: 95

Chromaticity: (x=0.3794 y=0.3795



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ELECTRICAL SPECIFICATIONS

Input Voltage: 120-277Vac Input Frequency: 50/60 Hertz Fixture Draw: 105.83

Internal Circuits: one (1) Driver, two(2) Current Draw at 120Vac: 0.892 Current Draw at 277Vac: 0.3910

 board sets
 Max On-Delay: 1.00
 Power Factor at 120Vac: 0.9

 Inrush Current: 1.1 A2S
 THD at 120Vac(%): 0.15
 THD at 277Vac(%): 0.15

Power Factor at 277Vac: 0.9 Max Operating Case Temperature: 90C Surge Suppression: B grade?L-N

PHYSICAL SPECIFICATIONS

Dimming: 0-10Vdc, (0% Min Light Level)

Finish Colour: Gloss White Finish Type: Powder Coated Wiring: 3-Wire (L-N-G) 2-wire(010Vdc)

Mounting: Suspended Housing Material: Formed Steel Lens Material: Polycarbonate

Total III and III and

Lens Type: FrostedReflector Material: Painted SteelWeight: 2.7KG

SHIPPING INFORMATION

Entries: 3 Conduit Entries

OrderingCode(s): TAMHLX110W850M

Box Weight: 3.6KG Box Quantity: 1 Box Dimensions (L-W-H): 650*310*105

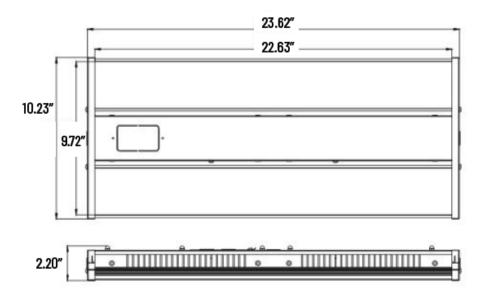
MM



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LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

TAMHLX -	110 -	8 -	50 -	М -	
Series	Wattage	CRI	ССТ	Lense	Options
TAMHLX	110	8 80	50 5000K	M Matte	Blank aircraft cable standard
	165				OS Microwave Occupancy Sensor
	220				SMK Surface Mount Kit (Extra)
	300				PEN Pendant Mount Kit (Extra)

Optional Extras: Surface Mount Kit (TAMHLXSMK-KIT)