

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









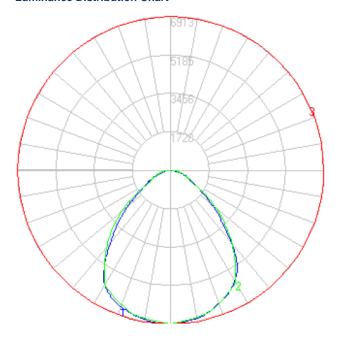




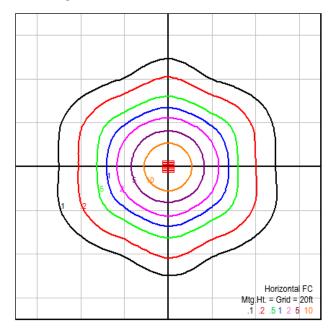


#### PERFORMANCE SPECIFICATIONS

## **Luminance Distribution Chart**



## **Isolux Diagram**





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#### **Co-efficient of Utilization**

RC		8	0			70			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



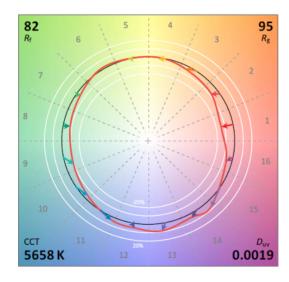
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## LED SPECIFICATIONS

## R Tables

R-Tables; Special Colour Rendering Indices							
	Measured at 5,661K						
R1	81	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

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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

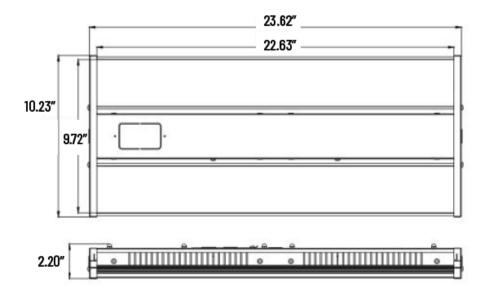
MM



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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)