



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

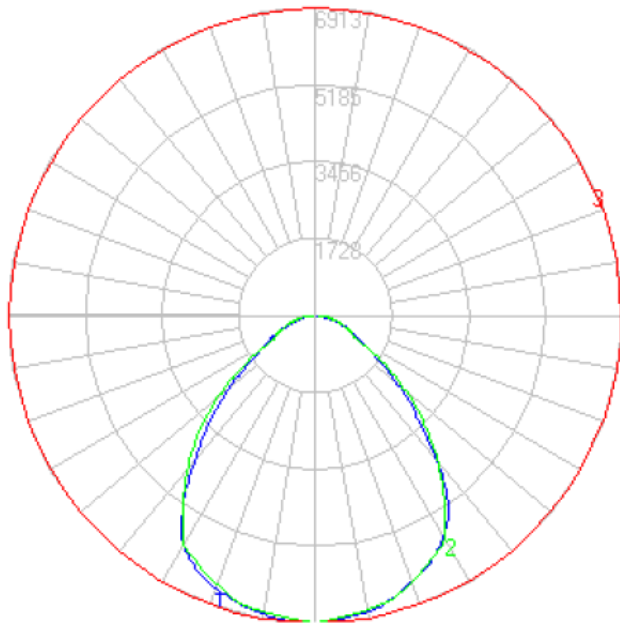
**SERIES SPECIFICATIONS**

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

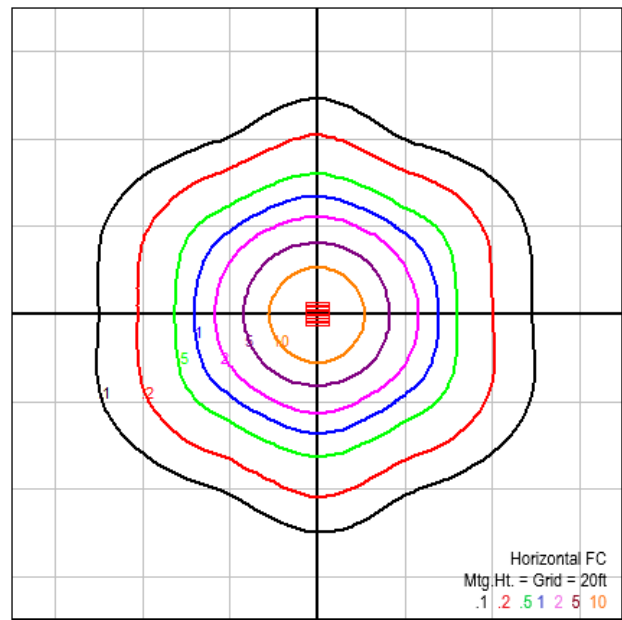


**PERFORMANCE SPECIFICATIONS**

**Luminance Distribution Chart**



**Isolux Diagram**





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**Co-efficient of Utilization**

RC	80				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	20				20				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

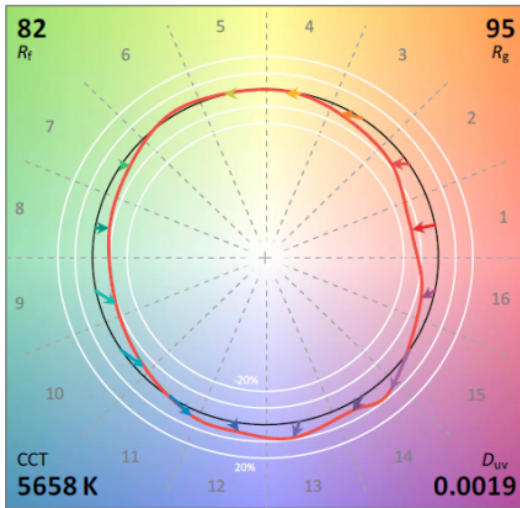
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LED SPECIFICATIONS

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  
**Internal Circuits:** one (1) Driver, two(2) board sets  
**Inrush Current:** 1.1 A2S  
**Power Factor at 277Vac:** 0.9  
**Driver MTBF:** 200,000hrs  
**Dimming:** 0-10Vdc, (0% Min Light Level)

**Input Frequency:** 50/60 Hertz  
**Current Draw at 120Vac:** 0.892  
**Max On-Delay:** 1.00  
**THD at 120Vac(%):** 0.15  
**Max Operating Case Temperature:** 90C  
**Dimming Current mA:** 150 mA

**Fixture Draw:** 105.83  
**Current Draw at 277Vac:** 0.3910  
**Power Factor at 120Vac:** 0.9  
**THD at 277Vac(%):** 0.15  
**Surge Suppression:** B grade?L-N :2KV?  
L&N-PE:2KV?

### PHYSICAL SPECIFICATIONS

**Finish Colour:** Gloss White  
**Mounting:** Suspended  
**Lens Type:** Frosted  
**Entries:** 3 Conduit Entries

**Finish Type:** Powder Coated  
**Housing Material:** Formed Steel  
**Reflector Material:** Painted Steel

**Wiring:** 3-Wire (L-N-G) 2-wire(010Vdc)  
**Lens Material:** Polycarbonate  
**Weight:** 2.7KG

### SHIPPING INFORMATION

**OrderingCode(s):** TAMHLX110W850M

**Box Weight:** 3.6KG

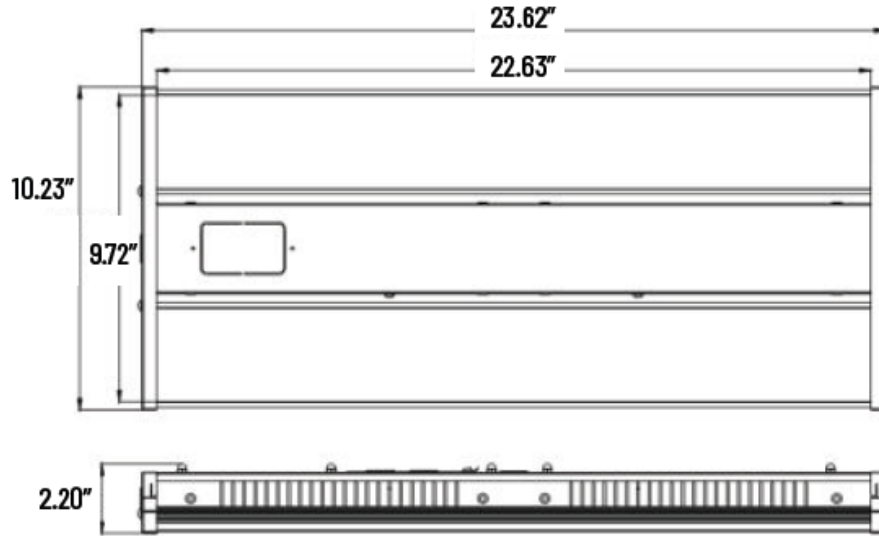
**Box Quantity:** 1

**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 - M -

Series	Wattage	CRI	CCT	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)