

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

SERIES SPECIFICATIONS

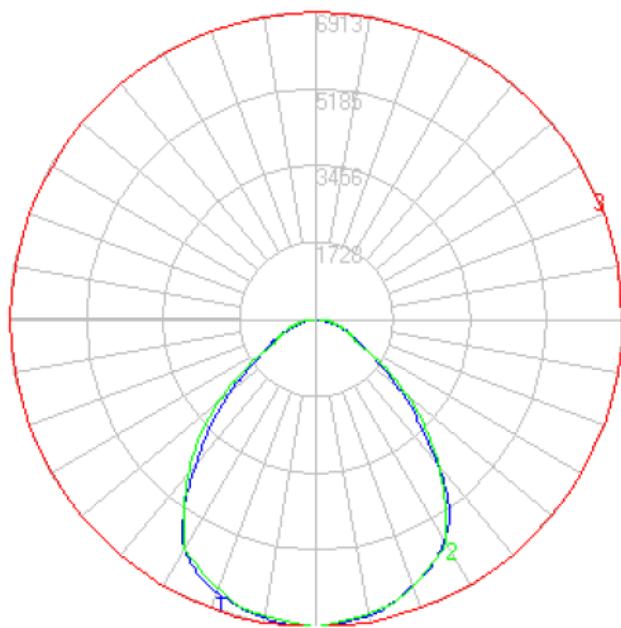


To supply Tamlite TAMHLX series of LED fixtures as specified. The luminaire shall operate at 120-277Vac. The housing shall be constructed of powder-coated steel with a heat and impact resistant polycarbonate lens. All parts shall be corrosion resistant. The fixture shall be cULus Listed. The fixture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

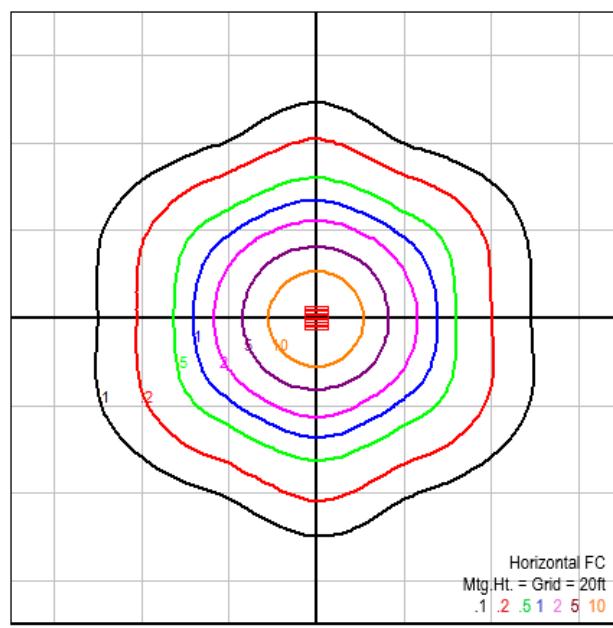


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



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

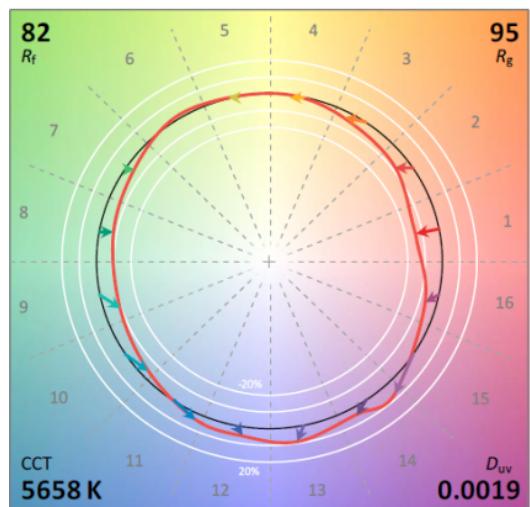
DLC Number: S-5M9JIA

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)

ELECTRICAL SPECIFICATIONS

Input Voltage: 120-277Vac	Input Frequency: 50/60 Hertz	Fixture Draw: 105.83
Internal Circuits: one (1) Driver, two(2) board sets	Current Draw at 120Vac: 0.892	Current Draw at 277Vac: 0.3910
Inrush Current: 1.1 A2S	Max On-Delay: 1.00	Power Factor at 120Vac: 0.9
Power Factor at 277Vac: 0.9	THD at 120Vac(%): 0.15	THD at 277Vac(%): 0.15
Driver MTBF: 200,000hrs	Max Operating Case Temperature: 90C	Surge Suppression: B gradeL-N :2KV
Dimming: 0-10Vdc, (0% Min Light Level)	Dimming Current mA: 150 mA	L&N-PE:2KV

PHYSICAL SPECIFICATIONS

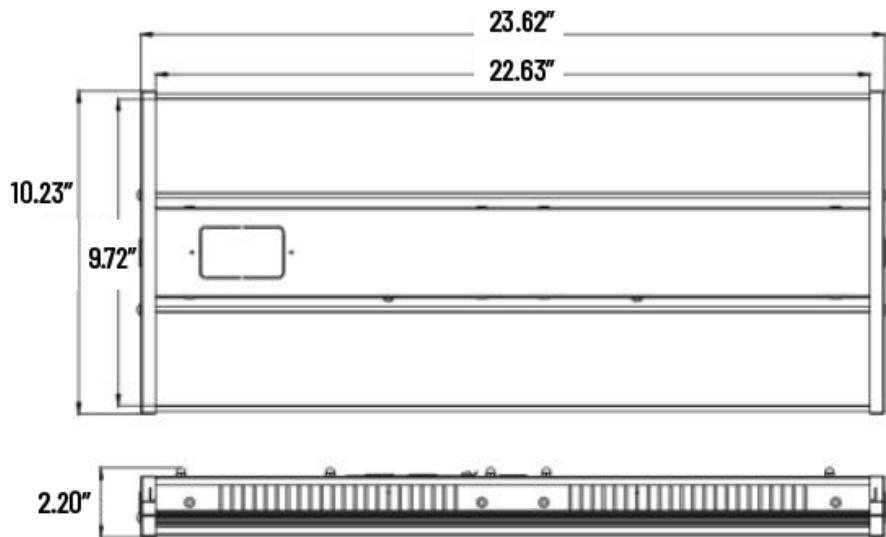
Finish Colour: Gloss White	Finish Type: Powder Coated	Wiring: 3-Wire (L-N-G) 2-wire(010Vdc)
Mounting: Suspended	Housing Material: Formed Steel	Lens Material: Polycarbonate
Lens Type: Frosted	Reflector Material: Painted Steel	Weight: 2.7KG
Entries: 3 Conduit Entries		

SHIPPING INFORMATION

OrderingCode(s): TAMHLX110W850M		
Box Weight: 3.6KG	Box Quantity: 1	Box Dimensions (L-W-H): 650*310*105
		MM

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)