

Project:		
Location:		
Model#:	SM1224-SW-120-WH	Type:
Client:		Qty:
Prepared by:		Date:

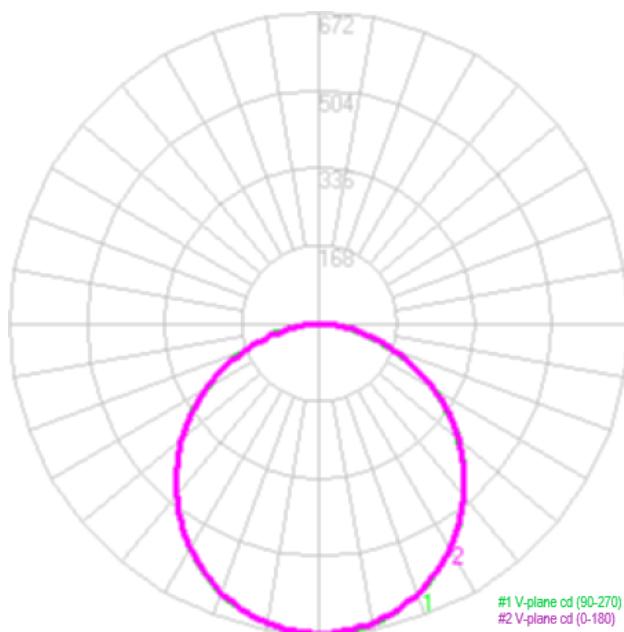
## SERIES SPECIFICATIONS

To supply Tamlite SM12 series of LED fixtures as specified

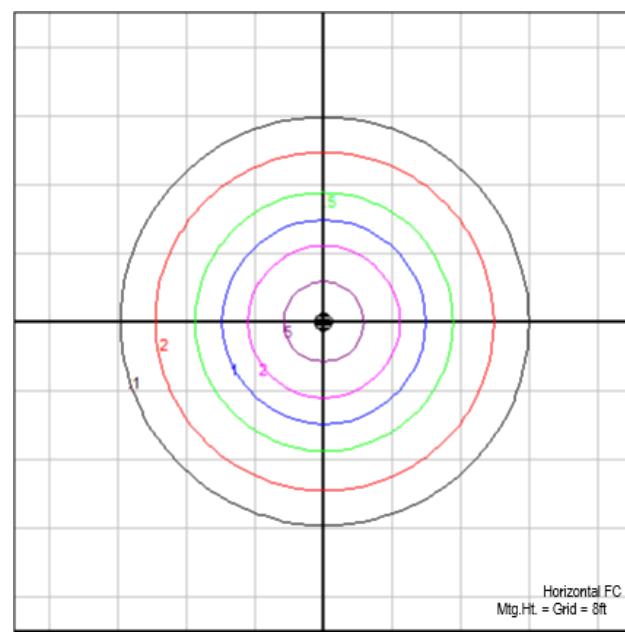


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



### Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	63.46	30-40	328.55	60-70	226.97	90-100	0	120-130	0	150-160	0
10-20	181.41	40-50	338.88	70-80	124.84	100-110	0	130-140	0	160-170	0
20-30	273.87	50-60	303.82	80-90	30.25	110-120	0	140-150	0	170-180	0

Total Initial Lumen Output: 1872.05 lm

### Co-efficient of Utilization

RC	80				70				50			30			10		
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0	
RF	20				20				20			20			20		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	100
1	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	53
5	76	63	54	47	74	62	54	47	60	52	47	58	51	46	56	50	46
6	70	57	48	41	68	56	47	41	54	47	41	52	46	41	51	45	40
7	65	52	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36
8	61	47	38	33	59	46	38	33	45	38	32	44	37	32	43	36	32
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	30	26

**Initial Lumen Output:** 1872lm

**CBCP:** 672 CD

**UL Classification:** Damp Location Listed

**Limited Product Warranty:** 5 year(s)

**Efficacy:** 78lm/W

**Luminaire Type:** Direct - Surface Mount

**Certification Standards:** cETLus

**Max Candela:** 672cd

**Environmental Rating(s):** IP20

**CCN Number:** 4007670

### LED SPECIFICATIONS

**Source Type:** LED

**CRI:** >80

**Colour Temperature:** 3000K, 4000K or 5000K Field Selectable

## ELECTRICAL SPECIFICATIONS

**Input Voltage:** 120Vac  
**Current Draw at 120Vac:** 0.2000A  
**Dimming:** Triac, Reverse Phase  
**Driver Certifications:** c-RU-us Class 2, FCC Part 15 Class B, RoHS

**Input Frequency:** 50/60 hz  
**Max On-Delay:** < 1s  
**Over Temperature Protection:** Auto Recovery, The fixture shall shut down and return to operation when the temperature returns to normal.

**Fixture Draw:** 24W  
**Power Factor at 120Vac:** > 0.9  
**Short Circuit Protection:** Auto Recovery. The output shall return to normal when the fault condition is removed.

## PHYSICAL SPECIFICATIONS

**Finish Colour:** White  
**Housing Material:** High Grade Plastic  
**Reflector Material:** Acrylic

**Finish Type:** Injection molded colour  
**Lens Material:** PMMA  
**Entries:** One (1), Back Mount

**Mounting:** Surface, back mount  
**Lens Type:** Diffused

## SHIPPING INFORMATION

**Ordering Code(s):** SM1224-SW-IP20

**Carton Quantity:** 10

**Box Quantity:** 1

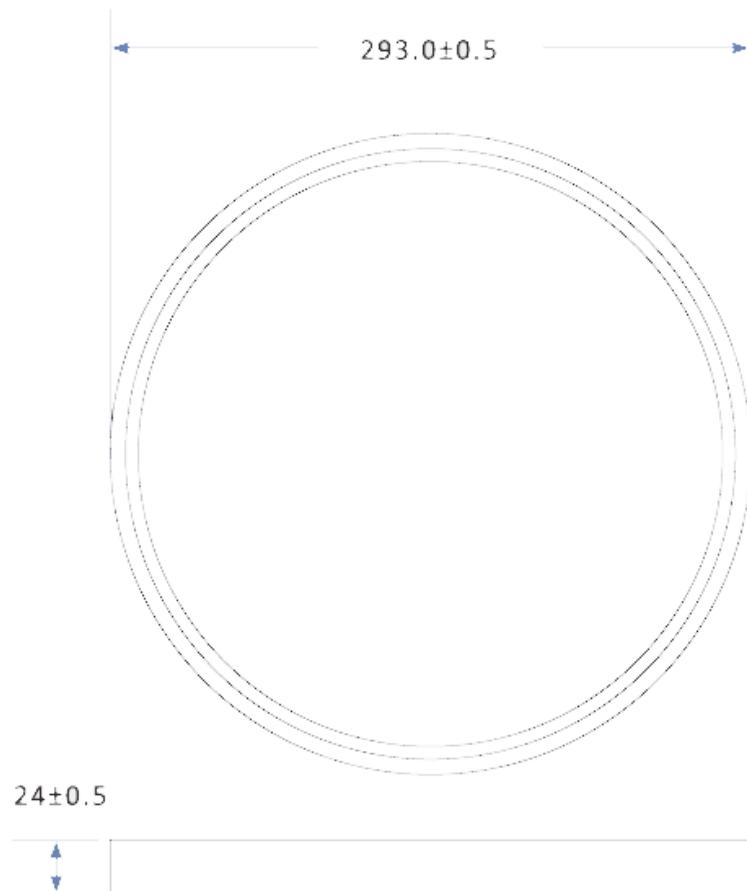
**Carton Dimensions (L-W-H):**  
47.2cm(18.58")\*34.1cm(13.43")\*32.9cm(12.95")

**Box Dimensions (L-W-H):**

4.7cm(1.8")\*34.1cm(13.43")\*32.9cm(12.95")

## LINE DRAWING

### Line Drawings



## SERIES ARCHITECTURE

### Series Architecture

SM	12	24	sw	120	WH	
Part	Size	Wattage	Colour	Voltage	Finish	Mounting Options
SM	12 12 inch	24 24W	SW Selectable White 3000K, 4000K, 5000K	120 120Vac	WH White	blank Flush Mount SFM Semi Flush Mount

2022-12-02