TAMLITE
LIGHTING

| Project:	
Location:	
Model#: TLNR44030K-WRV	**Type:**
Client:	**Qty:**
Prepared by:	**Date:**

SERIES SPECIFICATIONS

To supply Tamlite TLNR series of LED Wrap fixtures as specified. The luminaire shall operate at 120-347Vac. The housing shall be constructed of powder-coated Aluminium with a heat and impact resistant tempered PMMA lens. All parts shall be corrosion resistant. The LEDs shall be supplied with the luminaire. The fixture will be complete with an integral microwave occupancy sensor and be programable by remote control. The fixture shall be cULus Listed.

c(UL)us LISTED   LED   5 YEAR LIMITED WARRANTY   MADE TO ORDER

PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

#1 V-plane cd (90-270)
#2 V-plane cd (0-180)

Isolux Diagram

Horizontal FC
Mtg.Ht. = Grid = 8ft
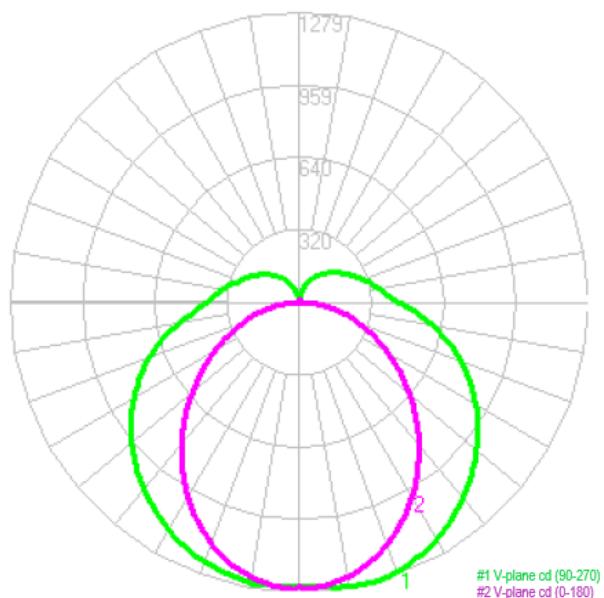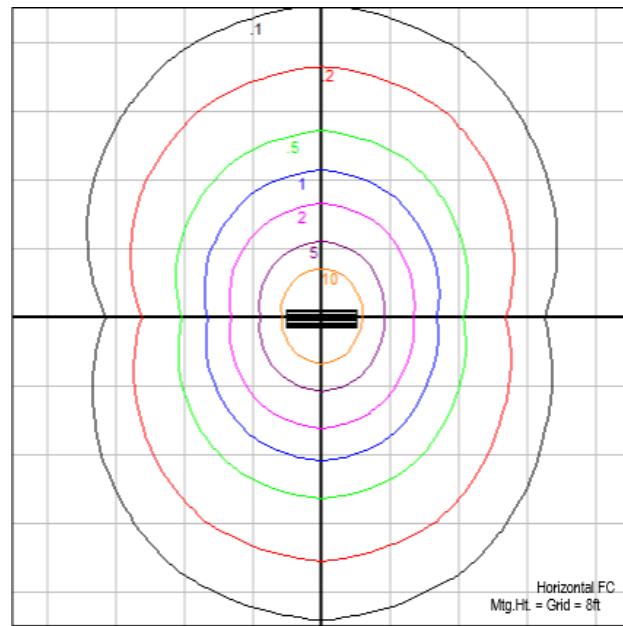
Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	119.57	30-40	651.45	60-70	606.42	90-100	248.75	120-130	114	150-160	25.35
10-20	346.45	40-50	700.65	70-80	488.07	100-110	200.19	130-140	79.62	160-170	9.39
20-30	531.17	50-60	682.35	80-90	344.59	110-120	151.04	140-150	49.39	170-180	1.63

Total Initial Lumen Output; 5350.08 lm

Co-efficient of Utilization

CC	80				70				50			30			10			0
WALL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
fc	20				20				20			20			20			0
RCR																		
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	87	87	87	83
1	102	97	91	87	98	93	88	84	85	81	78	78	75	73	72	70	68	64
2	92	83	75	69	88	79	72	67	73	67	62	67	63	59	62	58	55	52
3	83	72	63	56	79	69	61	54	64	57	51	59	53	48	54	49	45	42
4	76	63	54	47	72	61	52	46	56	49	43	52	46	41	48	43	39	36
5	70	56	47	40	66	54	45	39	50	43	37	46	40	35	43	37	33	31
6	64	50	41	35	61	49	40	34	45	38	32	42	35	31	39	33	29	26
7	59	46	37	30	57	44	36	30	41	34	28	38	32	27	35	30	26	23
8	55	41	33	27	53	40	32	26	37	30	25	35	28	24	32	27	23	21
9	52	38	30	24	49	37	29	23	34	27	22	32	26	21	30	24	20	18
10	48	35	27	22	46	34	26	21	32	25	20	30	24	19	28	22	19	17

Initial Lumen Output: 5350lm
CBCP: 1279cd
Luminaire Type: Semi-Direct
UL Classification: Dry Location Only
CCN Number: IFAM7.E359675

Efficacy: 134lm/W
Beam Angle: 100 deg
Spacing Criteria: 1.2(0-180), 1.28(90-270)
Ambient Operating Temp: -20C to +40C
Limited Product Warranty: 5 Year(s)

Max Candela: 1279cd (90H, 15V)
**Field Angle:** 180 deg
Environmental Rating(s): IP20
Certification Standards: UL Safety US-CA

LED SPECIFICATIONS

R Tables

R1	84
R2	92
R3	95
R4	83
R5	84
R6	88
R7	87
R8	68

R9	15
R10	80
R11	82
R12	61
R13	87
R14	98
R15	78
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SPD
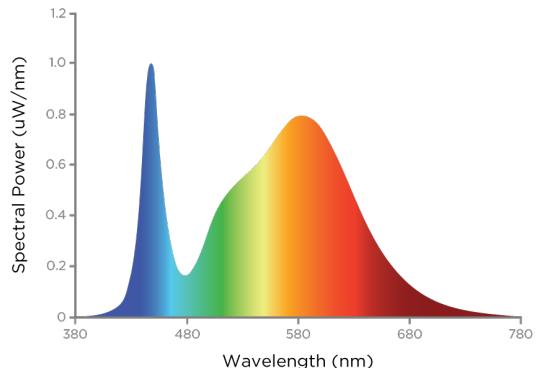
Source Type: LED
Rg: 95
Duv: 0.0021

CRI: >80
L70: >54,000 Hrs

Rf: 84
Colour Temperature: 3000K

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Arcata
Fixture Draw: 39.95
Current Draw@347Vac: 0.1151
Short Circuit Protection: Auto Recovery.
The output shall return to normal when the
fault condition is removed.

Input Voltage: 120~347Vac
Current Draw@ 120Vac: 0.3397
Max On-Delay: < 1 S
Driver Certifications: c-RU-us Class 2,
FCC Part 15 Class B, RoHS

Input Frequency: 50-60Hz
Current Draw@ 277Vac: 0.1471
Dimming: 0-10Vdc, (0% Min Light Level)

PHYSICAL SPECIFICATIONS

Finish Colour: White
Mounting: Surface, Suspended
Lens Type: Frosted Prismatic

Finish Type: Textured Powder Coat over
Chromate Conversion Coat
Housing Material: Heavy Gauge Steel
Reflector Material: Painted Steel

Wiring: Back and End Knock outs with
luminaire disconnect
Lens Material: PMMA

SHIPPING INFORMATION

OrderingCode(s): TLNR44040K-WRV

Carton Quantity: 12

Box Quantity: 1

Carton Dimensions (I-W-H): 1220 x 315 x 345mm

Box Dimensions (L-W-H): 1205 x 315 x 345 mm

LINE DRAWING

Line Drawings
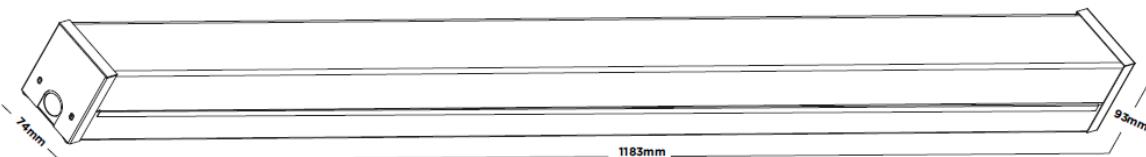
SERIES ARCHITECTURE

Series Architecture

TLNR -   -   -   -   -   -

Part	Length		Wattage				Voltage				Options	
TLNR	2	2FT	20	20W	30K	3000K	UNV	120-277VAC	[Blank]	White	OC	Occupancy Sensor[1]
	4	4FT	40	40W	35K	3500K	UN4	347VAC			EMOC	Emergency Battery Backup with Occupancy Sensor[2]
					40K	4000K	WRV	120-347VAC			FSIR-100	FSIR-100 Programer
					45K	4500K						
					50K	5000K						

[1]OC defaults settings are; Sensitivity: 100%, Hold Time: 3min, Light Control: Disable, Standby Level: 0%, Standby Time: Infinity

[2]OC and EMOC options are UNV(120-277VAC) only. FSIR-100 Sold Seperately

[3]FSIR-100 Sold Seperately, one per project minimum

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