

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

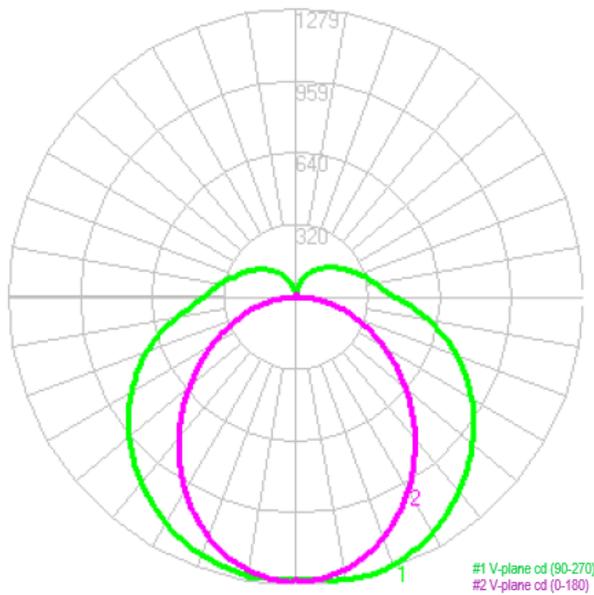
**SERIES SPECIFICATIONS**

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 programmable by remote control. The fixture shall be cULus Listed.

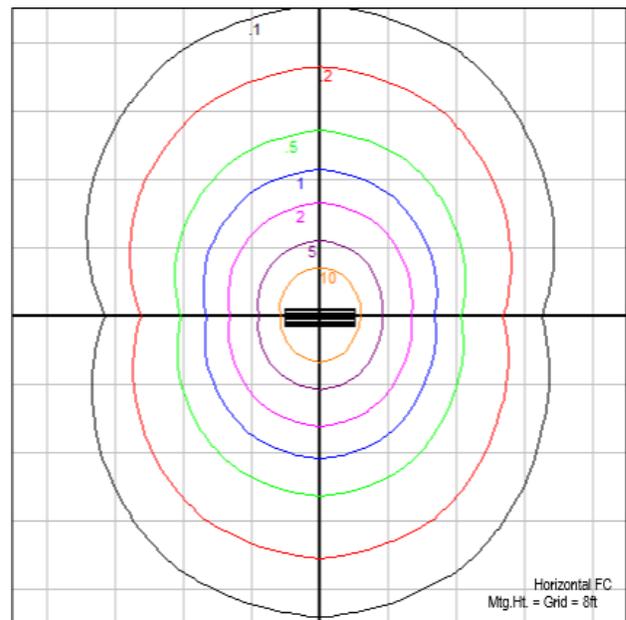


**PERFORMANCE SPECIFICATIONS**

**Luminance Distribution Chart**



**Isolux Diagram**



**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



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**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

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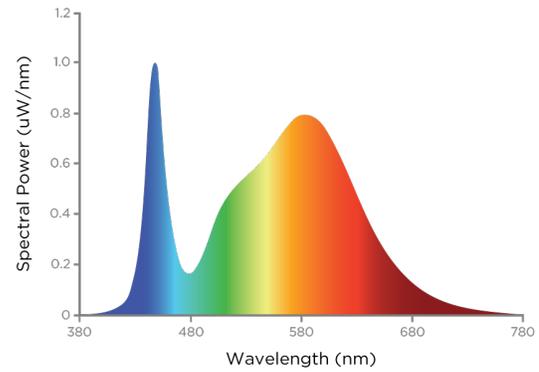
**LED SPECIFICATIONS**

**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

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**SHIPPING INFORMATION**

OrderingCode(s): TLNR44040K-WRV

Carton Quantity: 12

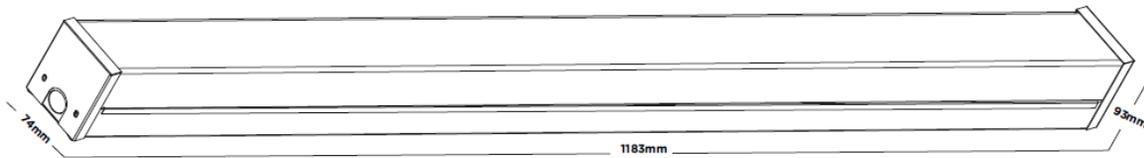
Box Quantity: 1

Carton Dimensions (L-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 <sup>1</sup>
	4 4FT	40	40W	35K	3500K	UN4	347VAC			EMOC	Emergency Battery Backup
				40K	4000K						with Occupancy Sensor <sup>2</sup>
				45K	4500K					FSIR-100	FSIR-100 Programmer
				50K	5000K						

<sup>1</sup>OC defaults settings are; Sensitivity: 100%, Hold Time: 3min, Light Control: Disable, Standby Level: 0%, Standby Time: Infinity

<sup>2</sup>OC and EMOC options are UNV(120-277VAC) only. FSIR-100 Sold Separately

<sup>3</sup>FSIR-100 Sold Separately, one per project minimum