

Project:								
Location:								
Model#: TLNR44030K-WRV	Туре:							
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.



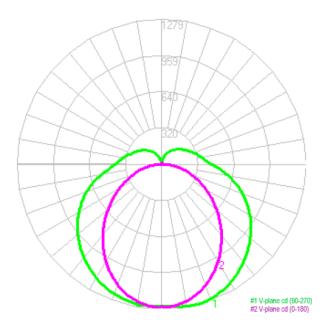




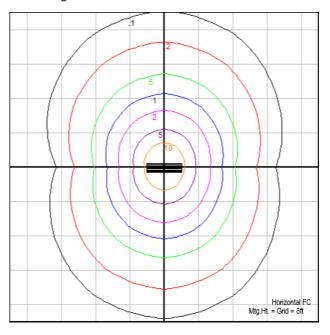


PERFORMANCE SPECIFICATIONS

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

СС	80					7	0			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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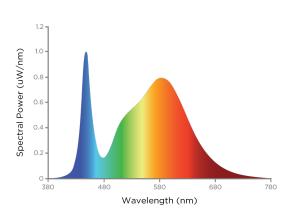
LED SPECIFICATIONS

R Tables

84
92
95
83
84
88
87
68

R9	15
R10	80
R11	82
R12	61
R13	87
R14	98
R15	78

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

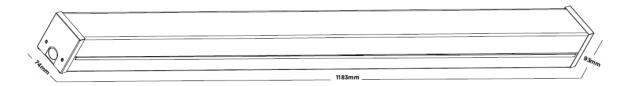
Carton Quantity: 12 Box Quantity: 1 Box Dimensions (L-W-H): 1205 x 315 x

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

345mm

LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

TLNR - - - - - -

Part	t	Le	ngth	Wa	ttage			Volta	ige			Options	
TLN	IR	2	2FT	20	20W	30K	3000K	UNV	120-277VAC	[Blank]	White	00	Occupancy Sensor ¹
		4	4FT	40	40W	35K	3500K	UN4	347VAC			EMOC	Emergancy Battery Backup
						40K	4000K	WRV	120-347VAC				with Occupancy Sensor ²
						45K	4500K					FSIR-100	FSIR-100 Programer
						50K	5000K						

¹⁰C defaults settings are; Sensitivity: 100%, Hold Time: 3min, Light Control: Disable, Standby Level: 0%, Standby Time: Infinity

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

³FSIR-100 Sold Seperately, one per project minimum