

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

SERIES SPECIFICATIONS

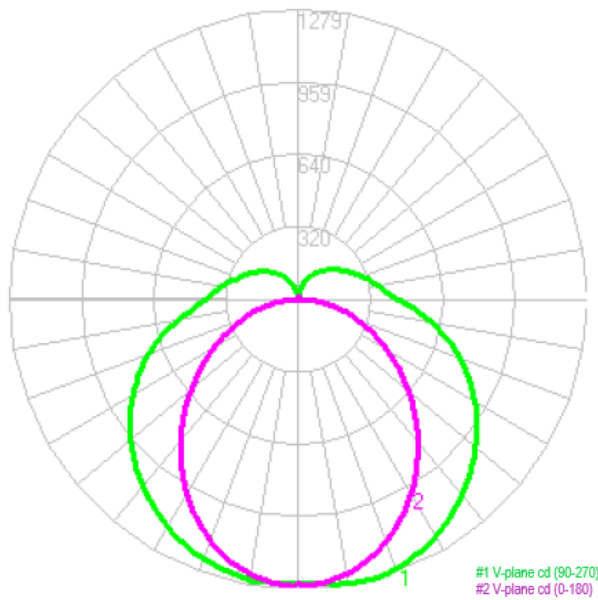


To supply TamLite TLNR series of LED Wrap fixtures as specified. The luminaire shall operate at 120-347Vac. The housing shall be constructed of powder-coated Aluminium with a heat and impact resistant tempered PMMA lens. All parts shall be corrosion resistant. The LEDs shall be supplied with the luminaire.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

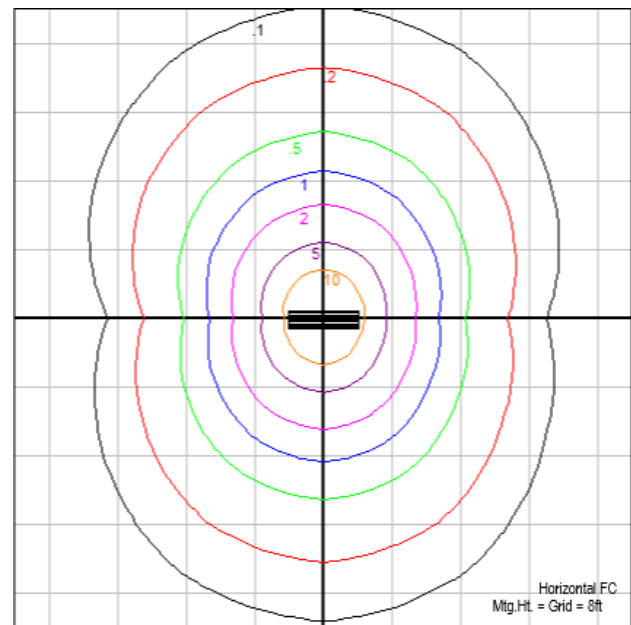


PERFORMANCE SPECIFICATIONS

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

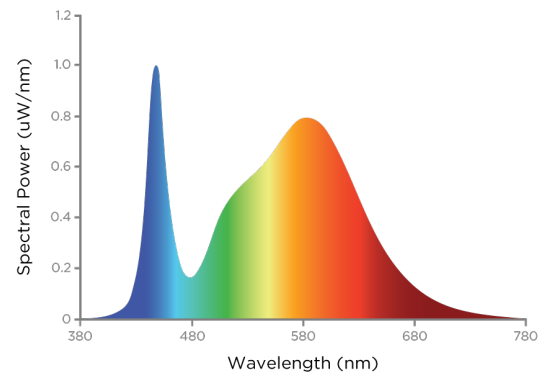
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LED SPECIFICATIONS

R Tables

R1	84	R9	15
R2	92	R10	80
R3	95	R11	82
R4	83	R12	61
R5	84	R13	87
R6	88	R14	98
R7	87	R15	78
R8	68	--	--

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

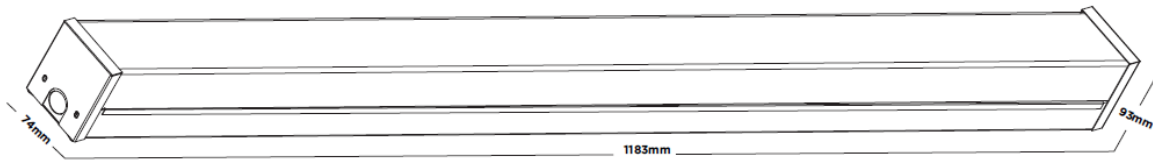
Box Quantity: 1

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 ¹
	4 4FT	40	40W	35K	3500K	UN4	347VAC			EMOC	Emergency Battery Backup
				40K	4000K	WRV	120-347VAC				with Occupancy Sensor ²
				45K	4500K					FSIR-100	FSIR-100 Programmer
				50K	5000K						

¹OC 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 Separately

³FSIR-100 Sold Separately, one per project minimum