

Project:		
Location:		
Model#:	TLNR220SW-WRV	Type:
Client:		Qty:
Prepared by:		Date:

SERIES SPECIFICATIONS

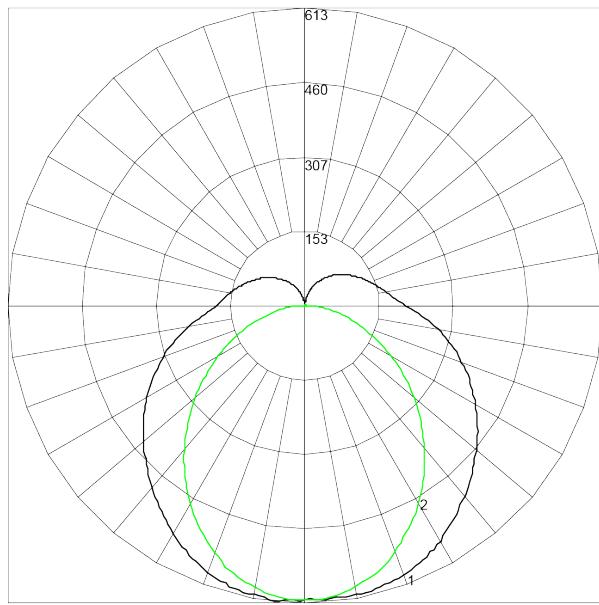


To supply Tamlite TLNR series of LED Wrap fixtures as specified. The luminaire shall operate at 120-347Vac. The housing shall be constructed of powder-coated Aluminium with a heat and impact resistant tempered PMMA lens. All parts shall be corrosion resistant. The LEDs shall be supplied with the luminaire.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



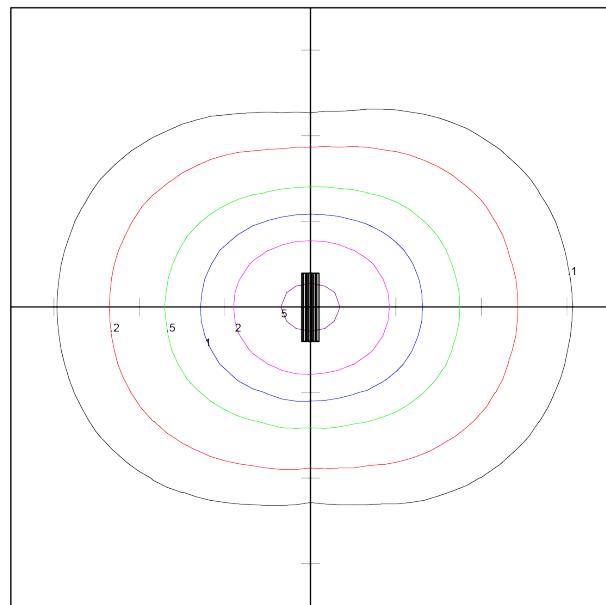
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 613.28 Located At Horizontal Angle = 180, Vertical Angle = 5
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

Isolux Diagram



Tamlite Lighting
 TLNR22030K-UNV
 Tamlite 2FT LED Wrap Fixture

Horizontal Footcandles
 Scale: 1 Inch = 10 Ft.
 Light Loss Factor = 1.00
 Lumens Per Lamp = 2491.6
 Total Lamp Lumens = 2491.6
 Mounting Height = 10.00 Ft
 Maximum Calculated Value = 6.08 Fc
 Arrangement: Single

Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	57.62	40-50	321.63	80-90	160.02	120-130	56.55	160-170	3.67
10-20	165.44	50-60	310.2	90-100	116.8	130-140	38.98	170-180	0.5
20-30	250.7	60-70	275.72	100-110	95.75	140-150	23.73	--	--
30-40	303.07	70-80	223.84	110-120	75.72	150-160	11.56	--	--

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	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	86	86	86	86	83		
1	102	97	92	87	98	93	88	84	85	82	78	78	75	73	72	70	68	64			
2	92	83	75	69	88	80	73	67	73	68	63	67	63	59	62	58	55	52			
3	84	72	63	56	80	69	61	55	64	57	52	59	53	49	54	50	46	43			
4	76	64	54	47	73	61	53	46	56	49	43	52	46	41	48	43	39	36			
5	70	57	47	40	67	54	46	39	50	43	37	47	40	35	43	38	33	31			
6	64	51	41	35	61	49	40	34	45	38	32	42	36	31	39	33	29	27			
7	60	46	37	31	57	44	36	30	41	34	28	38	32	27	35	30	26	24			
8	55	42	33	27	53	40	32	26	38	30	25	35	29	24	33	27	23	21			
9	52	38	30	24	49	37	29	24	34	28	23	32	26	22	30	25	21	19			
10	48	35	27	22	46	34	26	21	32	25	21	30	24	20	28	23	19	17			

Initial Lumen Output: 2451lm

Beam Angle: 100 deg

Spacing Criteria: 1.2(0-180), 1.28(90-270)

Ambient Operating Temp: -20C to +40C

CCN Number: IFAM7.E359675

Efficacy: 116.6lm/W

Field Angle: 180 deg

Environmental Rating(s): IP20

Certification Standards: UL Safety US-CA

, DLC

Limited Product Warranty: 5 Year(s)

CBCP: 613cd

Luminaire Type: Semi-Direct

UL Classification: Dry Location Only

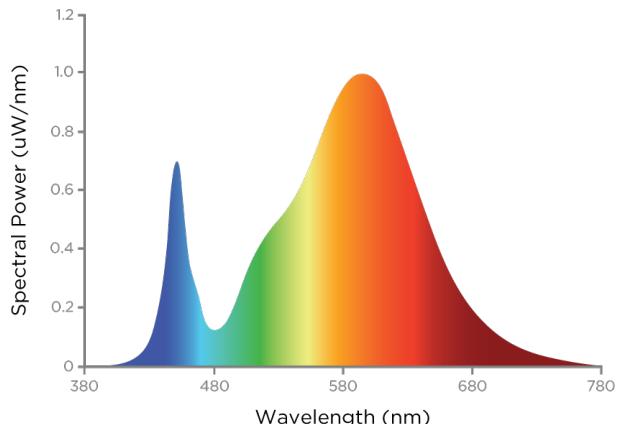
DLC Number: WWWBTI

LED SPECIFICATIONS

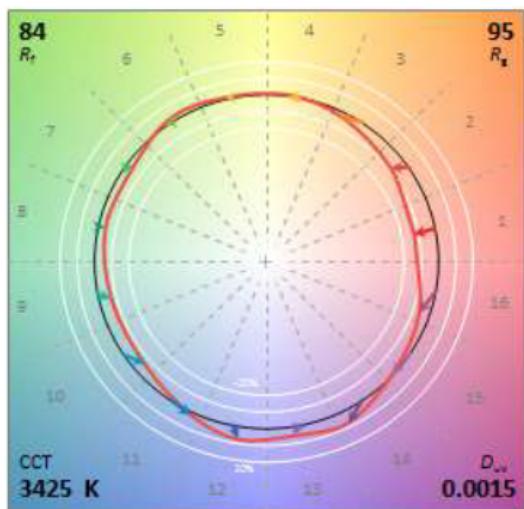
R Tables

R1	81
R2	91
R3	96
R4	81
R5	82
R6	90
R7	82
R8	59

SPD



TM-30



Source Type: LED

Rg: 95

Duv: 0.0021

CRI: >80

L70: >50000 Hrs

Rf: 85

Colour Temperature: 3500K

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Arcata

Fixture Draw: 19.64W

Max On-Delay: 1 S

Short Circuit Protection: Auto Recovery.

The output shall return to normal when the fault condition is removed.

Input Voltage: 120~347Vac

Current Draw@ 120Vac: 0.1637A

Dimming: 0-10Vdc, (0% Min Light Level)

Driver Certifications: c-RU-us Class 2,

FCC Part 15 Class B, RoHS

Input Frequency: 50-60Hz

Current Draw@ 277Vac: 0.0709A

Over Temperature Protection: Auto

Recovery. The output shall return to normal when the over heating condition is removed.

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

Entries: End and back 1/2" knock-outs

SHIPPING INFORMATION

OrderingCode(s): TLNR22035K-UN4

Carton Quantity: 24

Box Quantity: 1

Carton Dimensions (L-W-H): 1220 x 315 x

345mm

Box Dimensions (L-W-H): 640 x 100 x 80

mm

LINE DRAWING

Line Drawings

