

Project:				
Location:				
Model#: CLY4-5CS-WH-FR	Туре:			
Client:	Qty:			
Prepared by:	Date:			

SERIES SPECIFICATIONS



To supply Tamlite CLY4-FR series of LED fixtures as specified. The luminaire shall operate at 120Vac and use a TRIAC dimmable, constant current type Integral driver. The housing shall be constructed of die cast Aluminium finished with a textured powder coat over a chromate conversion coat. All hardware to be stainless steel. Wiring compartment to be Integral with hinged wiring cover. Optics to be constructed of Acrylic and be sealed via captive gasket. Rated for insulated ceiling (direct contact) and Air Tight (ASTM-E283) applications. Connecting cable shall be FT1 plenum rated. Fixture shall be cETLus to both US & CA standards and Energy Star approved.











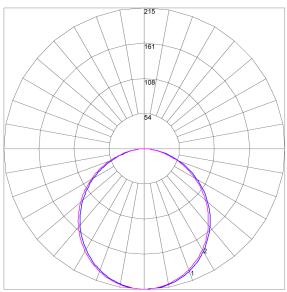






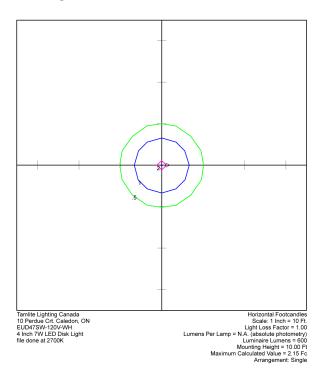
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 215.002 Located At Horizontal Angle = 315, Vertical Angle = 1 # 1 - Vertical Plane Through Horizontal Angles (315 - 135) (Through Max. Cd.) # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

Isolux Diagram





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Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	20.32	40-50	107.86	80-90	10.92	120-130	0.08	160-170	0.07
10-20	58.04	50-60	96.57	90-100	0.04	130-140	0.10	170-180	0.03
20-30	87.51	60-70	72.65	100-110	0.05	140-150	0.11		
30-40	104.79	70-80	40.89	110-120	0.07	150-160	0.11		

Co-efficient of Utilization

СС		8	0 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		2	0		20			20			20			20			0	
RCR	CR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	94	97	94	91	94	91	88	90	88	86	84
2	99	91	84	78	96	89	82	77	85	80	75	82	77	74	79	75	72	70
3	90	80	71	65	88	78	70	64	75	69	63	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	59	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	47	58	51	46	56	50	46	43
6	70	57	48	41	68	56	47	41	54	46	41	52	46	40	51	45	40	38
7	65	51	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36	34
8	61	47	38	33	59	46	38	32	45	38	32	44	37	32	42	36	32	30
9	57	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	26	38	31	26	37	31	26	36	30	26	24

Initial Lumen Output: 655 lm Beam Angle: 110 deg

Spacing Criteria: 1.24(0-180) 1.24(90-270)

Ambient Operating Temp: -20C to +40C

Limited Product Warranty: 5 Year(s)

Efficacy: 77 lm/W Field Angle: 160 deg

Environmental Rating(s): IC Rated, Air

Tight ASTM E283

Certification Standards: cETLus, Energy Star, Air Tight (ASTM-E283), CAN ICES-005(B) NMB-005(B) UL263, ASTM E119, &

CAN ULC S101

CBCP: 215 CD Luminaire Type: Direct

UL Classification: Wet Location Listed **CCN Number:** IFAO7.E470484



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LED SPECIFICATIONS

Source Type: LED L90: 25000

CRI: >80

Colour Temperature: 2700K, 3000K, 3500K, 4000K, 5000K Field Selectable

L70: >44,000 Hrs **Duv:** 0.000995

ELECTRICAL SPECIFICATIONS

Input Voltage: 120Vac

Max On-Delay: Dimming: TRIAC (1-10Vdc, 10% Min Light Level)

Short Circuit Protection: Auto Recovery. The output shall return to normal when the

fault condition is removed.

Input Frequency: 50/60 Hz

Power Factor at 120Vac: > 0.95

Dimming Current mA: .5mA draw

Max Operating Case Temperature: 40C
Over Temperature Protection: Auto
Recovery. Returning to normal after over

temperature is removed.

Fixture Draw: 7.39 W

PHYSICAL SPECIFICATIONS

Finish Colour: White Mounting: Recessed

Finish Type: Powder Coated

Housing Material: Die-cast Aluminium

Wiring: Internal junction box for through circuit wiring. Connecting cable shall be

FT1 plenum rated.

Lens Material: UV Stabilized Acrylic

SHIPPING INFORMATION

OrderingCode(s): CLY4-5CS-FR Box Quantity: 1



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LINE DRAWING

Line Drawings

