

Project:						
Location:						
Model#: CLY6-5CS-WH-ECO	Туре:					
Client:	Qty:					
Prepared by:	Date:					

#### **SERIES SPECIFICATIONS**



To supply Tamlite CLY-6 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 and Air Tight (ASTM-E283) applications. Connecting cable shall be FT1 plenum rated. Fixture shall be cULus and Energy Star approved.









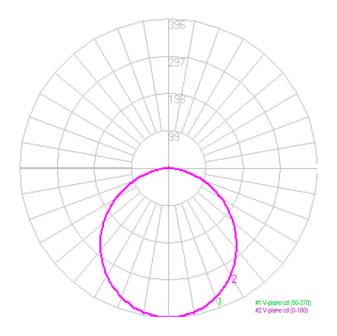




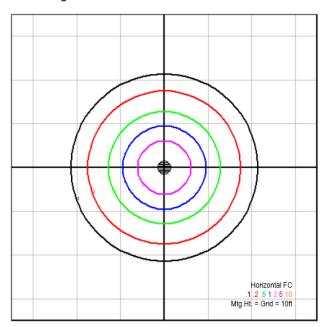


## PERFORMANCE SPECIFICATIONS

## **Luminance Distribution Chart**



## **Isolux Diagram**





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## **Zonal Lumen Summary**

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	37.43	30-40	191.39	60-70	129.89	90-100	0.43	120-130	1.16	150-160	0.87
10-20	106.72	40-50	195.73	70-80	72.98	100-110	0.71	130-140	1.2	160-170	0.58
20-30	160.5	50-60	173.84	80-90	15.88	110-120	0.98	140-150	1.09	170-180	0.2

Total Initial Lumen Output; 1091.58 lm

## **Co-efficient of Utilization**

RC		8	0			7	'O			50			30	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106
1	109	104	99	95	106	101	97	94	97	94	91	93	90	88
2	98	90	83	77	96	88	82	76	84	79	74	81	77	73
3	90	79	70	64	87	77	69	63	74	68	62	71	66	61
4	82	70	61	54	80	68	60	53	66	58	53	63	57	52
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35
8	60	46	38	32	58	45	37	31	44	37	31	43	36	31
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28
10	52	39	31	26	51	38	31	26	37	30	26	37	30	25

Initial Lumen Output: 1,092 lm

**CBCP:** 395 cd

Luminaire Type: Recessed - Direct
UL Classification: Wet Location Listed
Certification Standards: cETLus, Energy

Star, Air Tight (ASTM-E283), CAN ICES-

005(B) NMB-005(B)

Limited Product Warranty: 5 Year(s)

Efficacy: 81 lm/W
Beam Angle: 110 deg

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

270)

Fire Rating: .
DLC Number: .

Max Candela: 395 cd (0H, 0V)

Field Angle: 160 deg

Environmental Rating(s): IC Rated, Air

Tight ASTM E283

Ambient Operating Temp: -20C to +40C

CCN Number: IFAO7.E470484



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#### LED SPECIFICATIONS

#### **R Tables**

500px x 500px

# TM-30

500px x 500px

Source Type: LED CRI: >80

 Rg: .
 L70: >40,000 Hrs
 L90: >25,000 Hrs

 Colour Temperature: 2700K, 3000K, 3000K, 3000K, 5000K Field Selectable
 Colour Tolerance: +/- 300K
 Duv: 0.000995

Rf: .



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#### **ELECTRICAL SPECIFICATIONS**

Input Voltage: 120Vac

Current Draw at 120Vac: 0.1167A

THD at 120Vac(%): .
Surge Suppression: .

**Over Temperature Protection:** Auto Recovery. Returning to normal after over

temperature is removed.

Input Frequency: 50/60 Hz Max On-Delay: Driver MTBF: .

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.

Fixture Draw: 13.50 W

Power Factor at 120Vac: > 0.95

Max Operating Case Temperature: 40C Dimming Current mA: .5mA draw

#### PHYSICAL SPECIFICATIONS

Finish Colour: White Mounting: Recessed Entries: 2 @ 1/2"

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): 0631-7322 CLY6-5CS-WH-ECO (6" SLIM DISK WAFER 120V,

5CCT)

**Box Weight:** 0.49 kg / 1.08 lbs **Carton Weight:** 5.91 kg / 13.01 lbs Box Quantity: 1
Carton Quantity: 12

**Box Dimensions (L-W-H):** 182.118 X 182.118 X 59.944 mm / 7.17 X 7.17 X 2.36

in

**Carton Dimensions (I-W-H):** 340.106 X 197.104 X 378.968 mm / 13.39 X 7.76 X

14.92 in



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## LINE DRAWING

## **Line Drawings**

