

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

SERIES SPECIFICATIONS

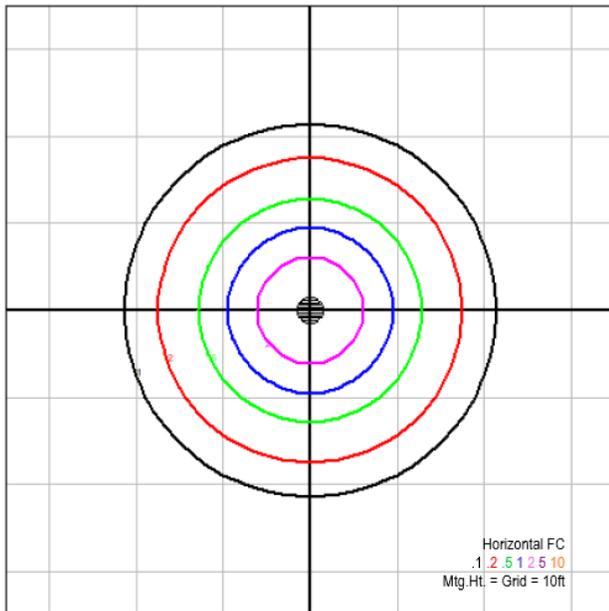


To supply Tamlite CLY-6 series of LED fixtures as specified. The luminaire shall operate at 120Vac and use a TRIAC dimmable, constant current type Integral driver. The housing shall be constructed of die cast Aluminium finished with a textured powder coat over a chromate conversion coat. All hardware 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

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	80				70				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

LED SPECIFICATIONS

Source Type: LED

Rg: .

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

CRI: >80

L70: >40,000 Hrs

Colour Tolerance: +/- 300K

Rf: .

L90: >25,000 Hrs

Duv: 0.000995



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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: 1S
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

