

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

SERIES SPECIFICATIONS

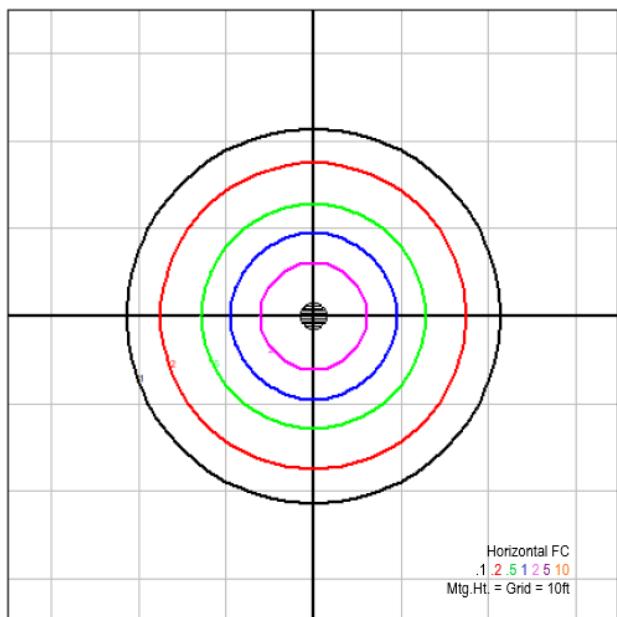


To supply Tamlite CLY-6 series of LED fixtures as specified. The luminaire shall operate at 120Vac and use a TRIAC dimmable, constant current type Integral driver. The housing shall be constructed of die cast Aluminium finished with a textured powder coat over a chromate conversion coat. All hardware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



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

ELECTRICAL SPECIFICATIONS

Input Voltage: 120Vac	Input Frequency: 50/60 Hz	Fixture Draw: 13.50 W
Current Draw at 120Vac: 0.1167A	Max On-Delay: 1S	Power Factor at 120Vac: > 0.95
THD at 120Vac(%): .	Driver MTBF: .	Max Operating Case Temperature: 40C
Surge Suppression: .	Dimming: TRIAC (1-10Vdc, 10% Min Light Level)	Dimming Current mA: .5mA draw
Over Temperature Protection: Auto Recovery. Returning to normal after over temperature is removed.	Short Circuit Protection: Auto Recovery. The output shall return to normal when the fault condition is removed.	

PHYSICAL SPECIFICATIONS

Finish Colour: White	Finish Type: Powder Coated	Wiring: Internal junction box for through circuit wiring. Connecting cable shall be FT1 plenum rated.
Mounting: Recessed	Housing Material: Die-cast Aluminium	Lens Material: UV Stabilized Acrylic
Entries: 2 @ 1/2"		

SHIPPING INFORMATION

Ordering Code(s): 0631-7322 CLY6-5CS-WH-ECO (6" SLIM DISK WAFER 120V, 5CCT)	Box Quantity: 1	Box Dimensions (L-W-H): 182.118 X 182.118 X 59.944 mm / 7.17 X 7.17 X 2.36 in
Box Weight: 0.49 kg / 1.08 lbs	Carton Quantity: 12	Carton Dimensions (L-W-H): 340.106 X 197.104 X 378.968 mm / 13.39 X 7.76 X 14.92 in
Carton Weight: 5.91 kg / 13.01 lbs		

LINE DRAWING

Line Drawings

