



Project:	
Location:	
Model#: EUD6-SW-WH	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

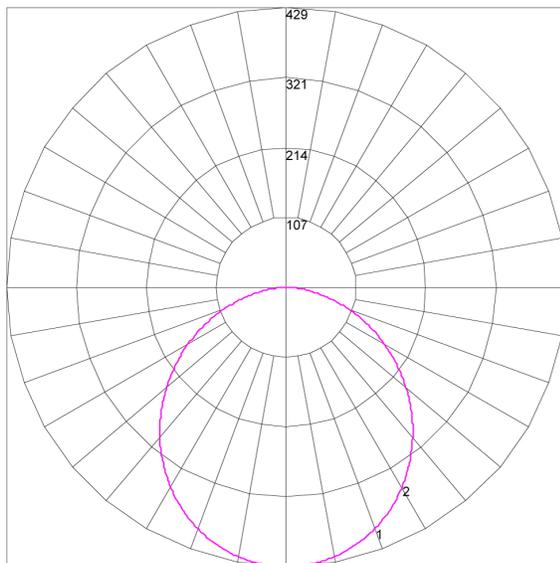


To supply Tamlite EUD series of LED fixtures as specified. The luminaire shall operate at 120Vac and use a TRIAC dimmable, constant current type Integral driver. The housing shall be constructed of die cast Aluminium finished with a textured powder coat over a chromate conversion coat. All hardware to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



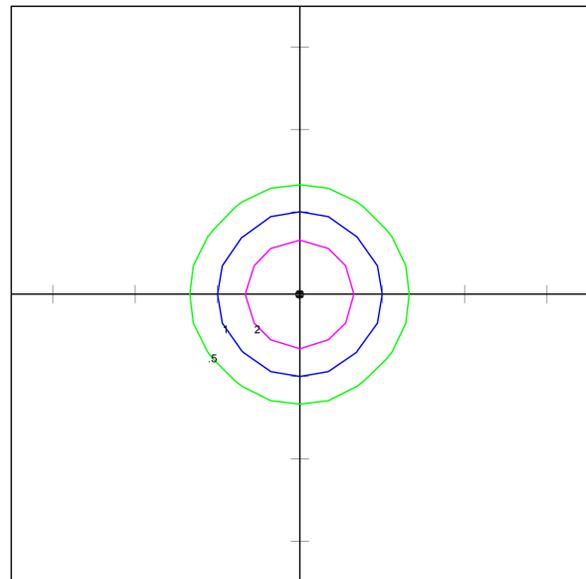
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 428.5 Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

Isolux Diagram



Tamlite Lighting Canada
 10 Perdue Crt. Caledon, ON
 EUD614
 6 Inch 14W LED Disk Light
 48 white LEDs

Horizontal Footcandles
 Scale: 1 Inch = 10 Ft.
 Light Loss Factor = 1.00
 Lumens Per Lamp = N.A. (absolute photometry)
 Luminaire Lumens = 1162
 Mounting Height = 10.00 Ft
 Maximum Calculated Value = 4.29 Fc
 Arrangement: Single



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Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	40.54	40-50	209.24	80-90	18.91	120-130	0.00	160-170	0.00
10-20	115.65	50-60	184.63	90-100	0.01	130-140	0.00	170-180	0.00
20-30	173.55	60-70	137.68	100-110	0.00	140-150	0.00	--	--
30-40	205.87	70-80	75.79	110-120	0.00	150-160	0.00	--	--

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	0
fc	20				20				20			20			20			0
RCR																		
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	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70
3	90	80	72	66	88	78	71	65	75	69	64	73	67	63	70	66	62	59
4	83	71	62	56	81	70	62	55	67	60	54	65	59	54	63	57	53	51
5	76	63	55	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44
6	70	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	30
9	57	44	35	30	55	43	35	30	42	35	30	41	34	29	40	34	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

Initial Lumen Output: 1250lm

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: 85lm/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)

CBCP: 428.5cd

Luminaire Type: Direct

UL Classification: Wet Location Listed

CCN Number: IFA07.E470484

LED SPECIFICATIONS

Source Type: LED

L90: 25,000 Hrs.

CRI: >80

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

L70: 40000 Hrs.

Duv: 0.000995

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ELECTRICAL SPECIFICATIONS

Input Voltage: 120Vac
Current Draw at 120Vac: 0.1167A
Max Operating Case Temperature: 40C
Over Temperature Protection: Auto Recovery. Returning to normal after over temperature is removed.

Input Frequency: 50/60 hz
Max On-Delay: 0.75 S
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: 13.5W
Power Factor at 120Vac: > 0.90
Dimming Current mA: .5mA draw

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): EUD6-SW-WH

Box Quantity: 1

LINE DRAWING

Line Drawings

