

Project:	
Location:	
Model#: EUG3730K-120-BK	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

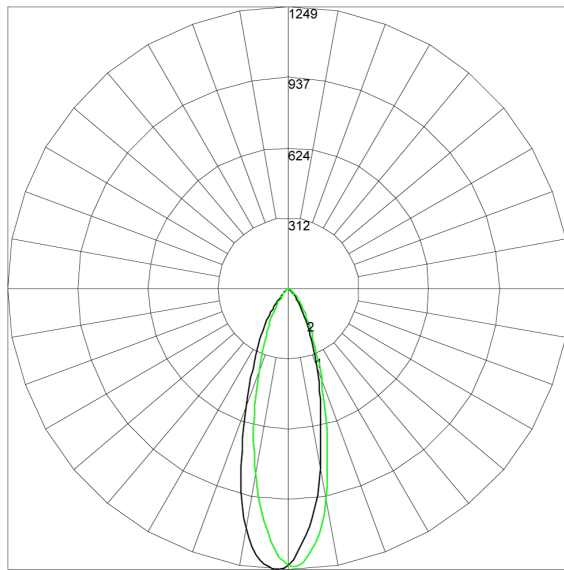


To supply TamLite EUG series of LED fixtures as specified. The luminaire shall operate at 120Vac and use a TRIAC dimmable, constant current type Integral driver. The housing shall be constructed of die cast Aluminium finished with a textured powder coat over a chromate conversion coat. All hardware to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



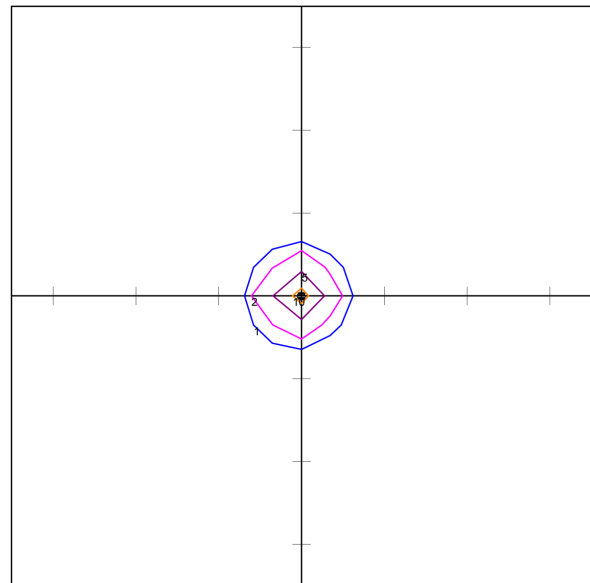
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 1248.77 Located At Horizontal Angle = 180, Vertical Angle = 2
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

Isolux Diagram



Tamlite Lighting Canada
 10 Perdue Crt. Caledon, ON
 EUG3730K-120VAC-WH
 3 Inch Recessed Gimble, 7 watts, white finish

Horizontal Footcandles
 Scale: 1 Inch = 10 Ft.
 Light Loss Factor = 1.00
 Lumens Per Lamp = 511.13
 Total Lamp Lumens = 511.13
 Mounting Height = 10.00 Ft
 Maximum Calculated Value = 12.30 Fc
 Arrangement: Single



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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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	104	101	98	107	103	99	97	100	97	94	97	94	92	94	92	90	89
3	104	98	94	90	102	97	93	90	94	91	88	92	89	87	90	87	85	84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79
5	95	88	83	79	94	87	82	79	85	81	78	84	80	77	82	79	77	75
6	91	84	78	74	90	83	78	74	81	77	74	80	76	73	79	75	73	71
7	88	80	74	70	87	79	74	70	78	73	70	76	72	70	75	72	69	68
8	84	76	71	67	83	75	70	67	74	70	66	73	69	66	72	69	66	65
9	81	73	67	64	80	72	67	64	71	67	63	70	66	63	69	66	63	62
10	78	69	64	61	77	69	64	61	68	64	61	68	63	60	67	63	60	59

Initial Lumen Output: 511lm

CBCP: 1249cd

Luminaire Type: Direct

Ambient Operating Temp: -20C to +40C

Limited Product Warranty: 5 Year(s)

Efficacy: 72.3lm/W

Beam Angle: 30 deg

Environmental Rating(s): IC Rated

Certification Standards: UL Safety US-CA , Energy Star, CAN ICES-005(B) NMB-005(B)

Max Candela: 1249cd

Field Angle: 70 deg

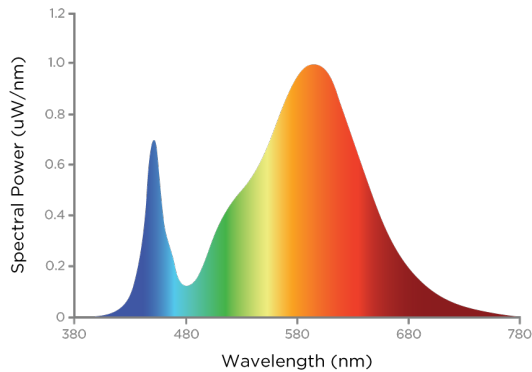
UL Classification: Damp Location Listed

CCN Number: IFA07.E470484

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LED SPECIFICATIONS

SPD



Source Type: LED

L90: 25,000 Hrs.

Duv: 0.000356

CRI: >90

Colour Temperature: 3000K

L70: 40000 Hrs.

Chromaticity: x=0.4608 y=0.4118

ELECTRICAL SPECIFICATIONS

Input Voltage: 120Vac

Current Draw at 120Vac: 0.0652A

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: 7.074W

Power Factor at 120Vac: > 0.90

Dimming Current mA: .5mA draw

PHYSICAL SPECIFICATIONS

Finish Colour: Black

Mounting: Recessed

Finish Type: Powder Coated

Housing Material: Die-cast Aluminium

Wiring: Internal Junction

Lens Material: UV Stabilized Acrylic

SHIPPING INFORMATION

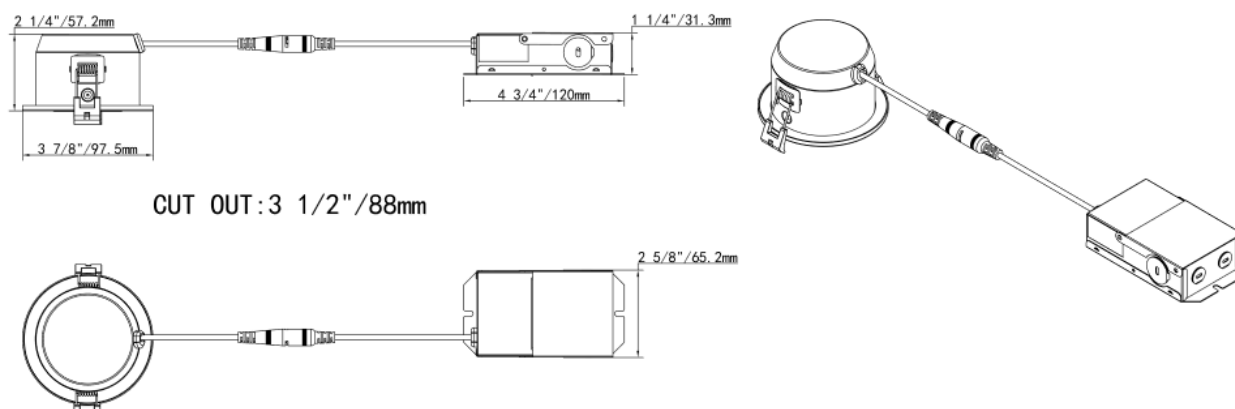
OrderingCode(s): EUG3730K-120-BK

Box Quantity: 1

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LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Optional Extras: LY-VB