



Project:	
Location:	
Model#: JBR4730K-120-WH	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

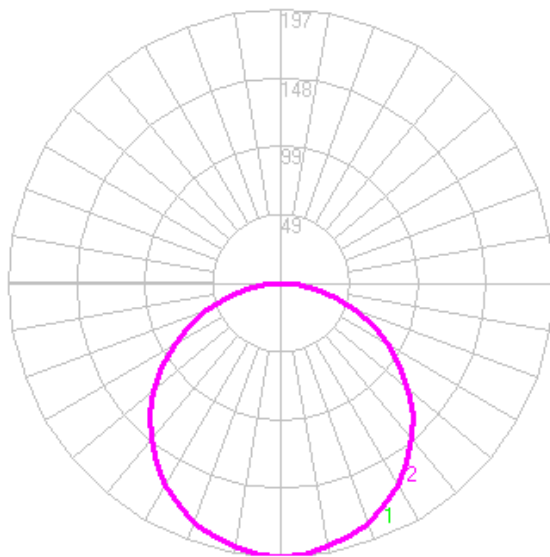


To supply Tamlite JBR series of LED fixtures as specified. The luminaire shall operate at 120 VAC Using a constant current type integral driver. The housing shall be constructed of die cast aluminium, finished with a textured powder coat over a chromate conversion coat. All hardware to be stainless steel. Wiring compartment to be integral with hinged wiring cover. Optics to be constructed of Acrylic and be sealed via captive gasket. Fixture shall be cULus and Energy Star approved.

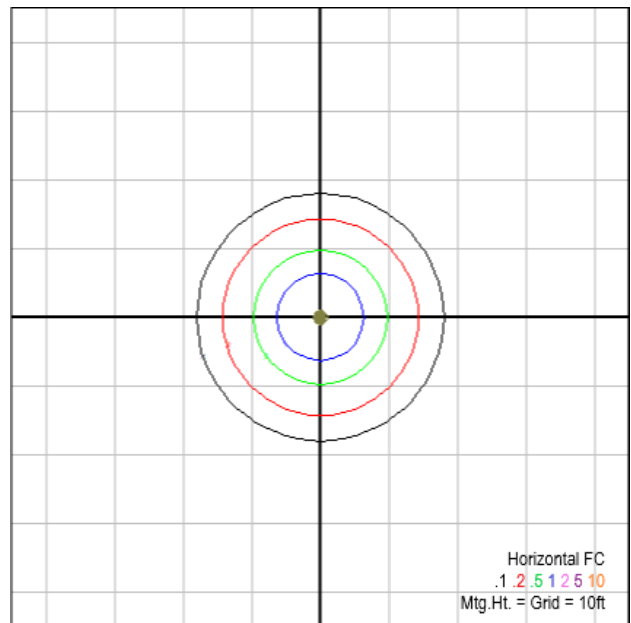


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	18.61	30-40	98.73	60-70	72.59	90-100	0	120-130	0	150-160	0
10-20	53.4	40-50	103.17	70-80	43.06	100-110	0	130-140	0	160-170	0
20-30	81.29	50-60	93.88	80-90	12.86	110-120	0	140-150	0	170-180	0



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#### Co-efficient of Utilization

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RF	20				20				20			20			20			20
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	77	73	78	74	71	69
3	90	79	70	64	87	77	69	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	36	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	38	30	26	37	30	25	36	30	25	24

**Initial Lumen Output:** 578lm

**Beam Angle:** 100 deg

**Spacing Criteria:** 1.22 (0-180) 1.22 (90-270)

**Limited Product Warranty:** 5 Year(s)

**Efficacy:** 82.57lm/W

**Field Angle:** 170 deg

**Environmental Rating(s):** Wet Location

**CBCP:** 197cd

**Luminaire Type:** Surface, Direct

**Certification Standards:** cETLus, Energy Star

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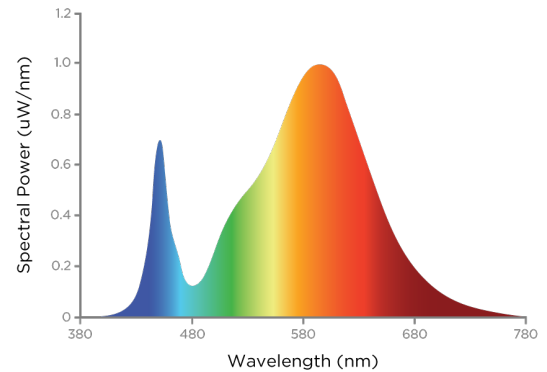
## LED SPECIFICATIONS

### R Tables

<b>R1</b>	96
<b>R2</b>	99
<b>R3</b>	97
<b>R4</b>	94
<b>R5</b>	95
<b>R6</b>	96
<b>R7</b>	91
<b>R8</b>	82

<b>R9</b>	66
<b>R10</b>	97
<b>R11</b>	95
<b>R12</b>	82
<b>R13</b>	97
<b>R14</b>	100
<b>R15</b>	92
<b>Ra</b>	85

### SPD



Source Type: LED

CRI: > 90

Colour Temperature: 3000K

## ELECTRICAL SPECIFICATIONS

**Input Voltage:** 120Vac

**Current Draw at 120Vac:** 0.0583A

**THD at 120Vac(%):** < 20%

**Driver Certifications:** c-RU-us Class 2,  
FCC Part 15 Class B, RoHS

**Input Frequency:** 50/60 hz

**Max On-Delay:** < 1 S

**Over Temperature Protection:** Auto  
Recovery, The fixture shall shut down and  
return to operation when the temperature  
returns to normal.

**Fixture Draw:** 7W

**Power Factor at 120Vac:** > 0.90

**Short Circuit Protection:** Auto Recovery.  
The output shall return to normal when the  
fault condition is removed.

## PHYSICAL SPECIFICATIONS

**Finish Colour:** White

**Finish Type:** Textured powder coat over  
chromate conversion coat

**Mounting:** Octagon Box By others

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## SHIPPING INFORMATION

OrderingCode(s): JBR4730K-120-WH

Box Weight: 0.22 kg

Carton Weight: 2.9 kg

Box Quantity: 1

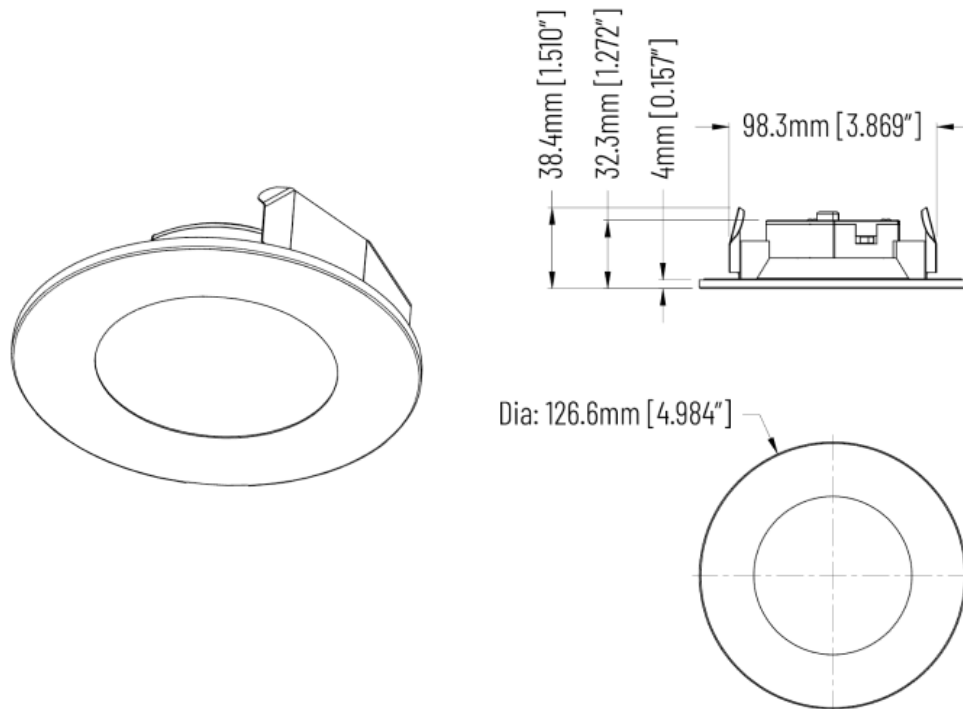
Carton Quantity: 12

Box Dimensions (L-W-H): 135 x 135 x 48 mm

Carton Dimensions (I-W-H): 285 x 285 x 155 mm

## LINE DRAWING

### Line Drawings



## SERIES ARCHITECTURE

Optional Extras: JBR4-BK, JBR4-SN