



Project:	
Location:	
Model#: RFJ654-3-WH	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

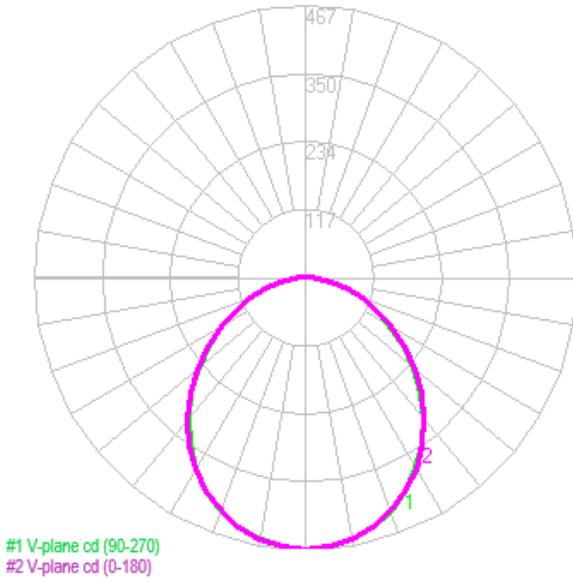


To supply Tamlite RFJ Series of LED Recessed downlights as specified. The fixture shall operate at 120Vac. LED'S shall be as specified, SEOUL® STWxC2SB LED Chips with a CRI of over 90 for increased colour rendering. Housing shall be constructed of die cast aluminum. The fixture shall be dimmable at 120Vac. The fixture shall be cETLus approved and Energy Star Listed.

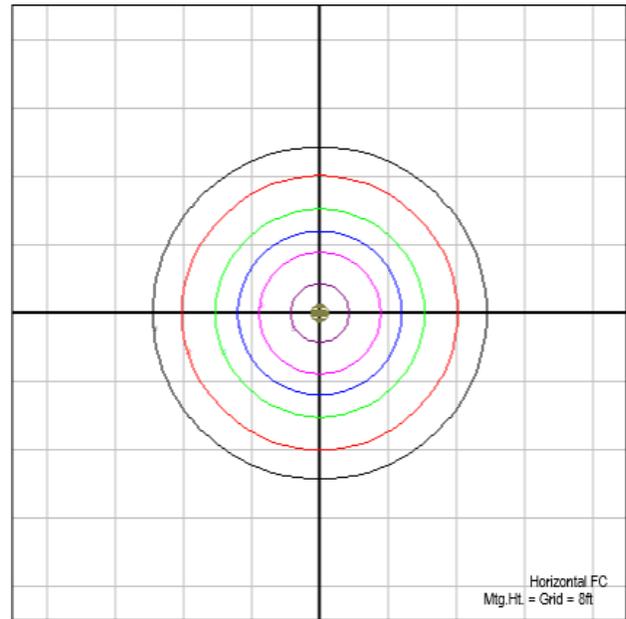


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	44.07	30-40	218.51	60-70	132.68	90-100	12.96	120-130	0.3	150-160	0.27
10-20	125.23	40-50	216.36	70-80	80.26	100-110	3.36	130-140	0.18	160-170	0.25
20-30	186.7	50-60	183.63	80-90	38.4	110-120	1.15	140-150	0.21	170-180	0.09



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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	110	110	110	105	105	105	101	101	101	98
1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	88	86	84	82
2	99	90	83	78	96	88	82	77	84	79	75	81	77	73	78	74	71	69
3	90	80	71	65	87	78	70	64	75	68	63	72	66	62	69	64	60	58
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	54	48	74	62	54	48	60	53	47	58	51	46	56	50	46	43
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	64	51	43	37	49	42	37	48	41	36	46	40	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	30
9	57	44	36	30	55	43	35	30	42	35	30	41	34	29	39	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: 1248lm

Beam Angle: 100 deg

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

Certification Standards: cETLus, Energy Star

Efficacy: 79.24lm/W

Field Angle: 170 deg

Environmental Rating(s): IP20

Limited Product Warranty: 3 Year(s)

CBCP: 467cd

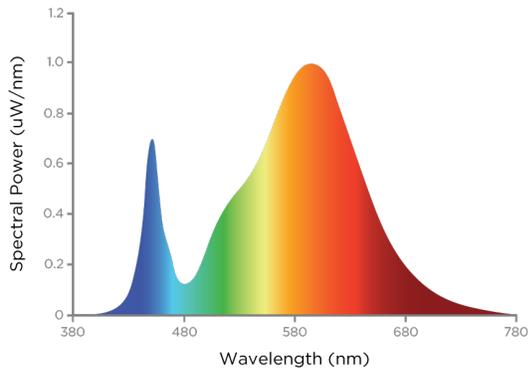
Luminaire Type: Surface, Direct

UL Classification: Damp Location Listed

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LED SPECIFICATIONS

SPD



Source Type: LED
Colour Temperature: 3000K

CRI: > 90

L70: 36000 hrs.

ELECTRICAL SPECIFICATIONS

Input Voltage: 120Vac
Current Draw at 120Vac: 0.1550A
Short Circuit Protection: Auto Recovery.
 The output shall return to normal when the fault condition is removed.

Input Frequency: 50/60 hz
Dimming: 0-10Vdc, (0% Min Light Level)
Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS

Fixture Draw: 15.5W
Over Temperature Protection: Auto Recovery, The fixture shall shut down and return to operation when the temperature returns to normal.

PHYSICAL SPECIFICATIONS

Finish Colour: White
Mounting: surface
Lens Type: Frosted

Finish Type: Painted Aluminium
Housing Material: Aluminium

Wiring: Back, suitable for junction box
Lens Material: Acrylic

SHIPPING INFORMATION

OrderingCode(s): RFJ654-3-WH
Carton Quantity: 12

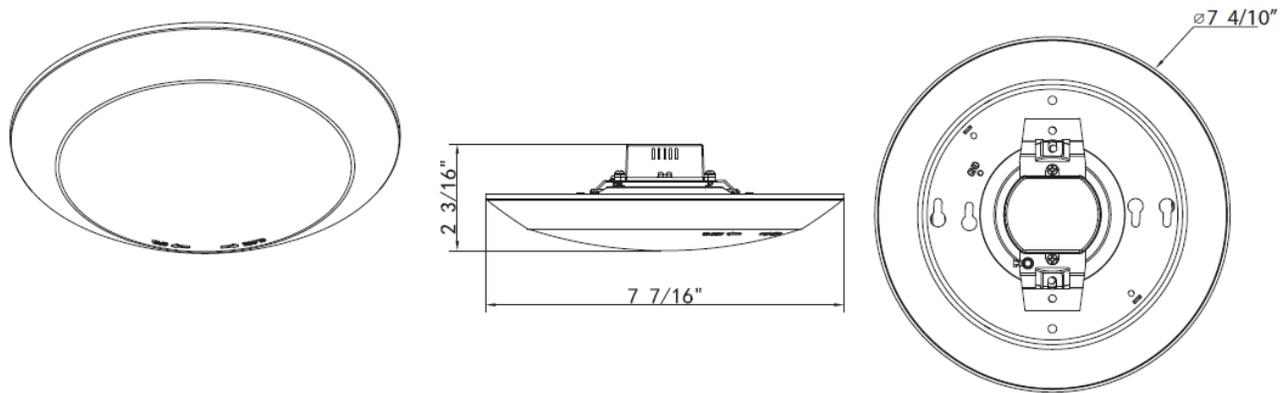
Box Quantity: 1
Carton Dimensions (L-W-H): 585 x 390 x 175 mm

Box Dimensions (L-W-H): 190 x 190 x 80 mm

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LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Optional Extras: RFJKIT