



PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	

Product Description

LED SION 4inch Rotatable LED Residential Downlight provides amazing advanced dimming capabilities which minimum to 5% with widely available traditional dimmers. It designed to easily install into existing IC or non-IC Four-inch housings with 35 degree adjustable angle and 12,24,38 degree beam angle, provides higher efficacy and longer life than compact fluorescent lamps.

HALO

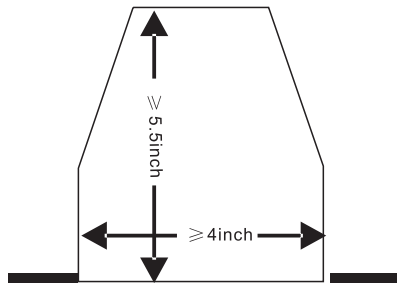
LED Can:

H455RICAT120D, H455RTUNVD010, H455TUNVD010, H455TCPUNVD010, H995RICAT.

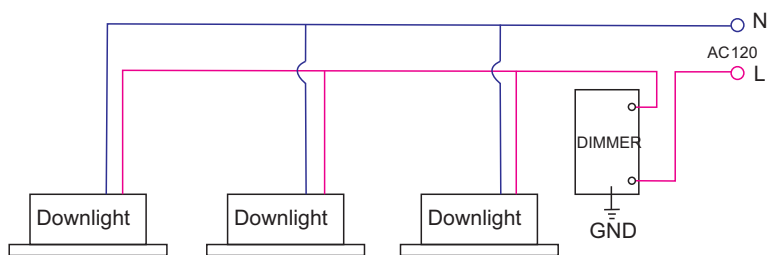
JUNO

IC1, IC1W, IC1S, TC1, TC1S.

Housing Dimensions



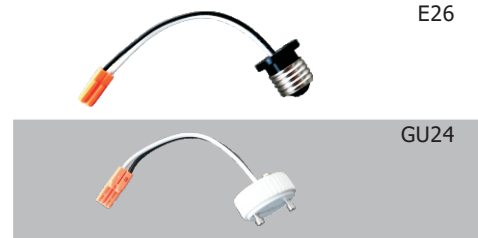
Electrical Connection



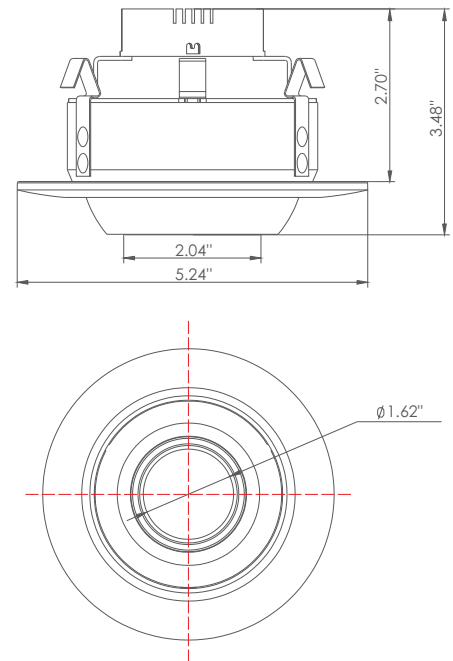
4 INCH 12°,24°or 38° Beam Angle LED Retrofit Luminaires



Accessories



Dimension



Order Information

LS4CO10W-27H

Catagory	O	Size	Wattage	CCT(XX)	CRI(X)
4CO=Retrofit	O=Rotatable	4inch	10W=10W	27=2700K 30=3000K 40=4000K 50=5000K	H=90CRI



PERFORMANCE SUMMARY

Efficacy:69.56LPW

Delivered Light Output:696.98Lumens (2700K)

Rated Power:10Watts

CRI:Ra>90

ES CCT Options:2700K 3000K 4000K 5000K

Input Voltage: 120 VAC

Input current:0.1A

THD:<17.44%

PF:>0.9596

Standard Warranty: 5 Years

Standard Lifetime: Designed minimum 35,000 hours

Mounting: Recessed

CERTIFICATE

UL and cUL listed E475916

Energy Star Listed

LM79 Report

T24 Listed

Damp Rated

ZONAL LUMEN TENSITY MEASUREMENT

T	φ zone	φ total	% lum,lamp
0-10	229.9	229.9	33,33
10-20	308.8	538.7	77,3,77.3
20-30	136.5	675.2	96,9,96.9
30-40	16.50	691.7	99,2,99.2
40-50	2.292	693.9	99,6,99.6
50-60	1.276	695.2	99,7,99.7
60-70	0.8143	696.0	99,9,99.9
70-80	0.5780	696.6	99,9,99.9
80-90	0.2678	696.9	100,100

LUMINOUS INTENSITY(CD) DISTRIBUTION DATA

Y	C0	C45	C90
10	2078	1905	1849
20	589.5	538.6	506.7
30	108.6	81.54	74.71
40	4.980	4.805	4.516
50	2.046	1.861	1.805
60	1.088	0.9795	1.001
70	0.6113	0.5853	0.6259
80	0.3804	0.3652	0.4042
90	0.0008	0.0001	0

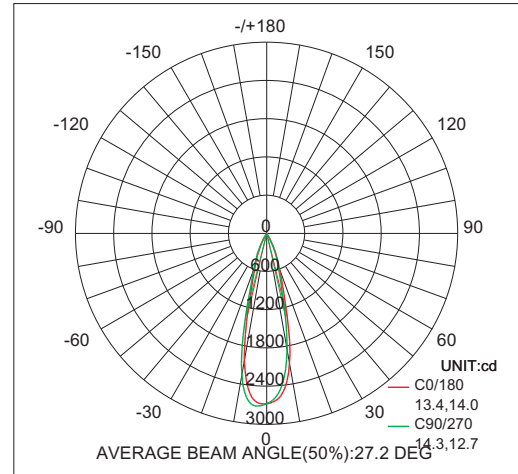
COEFFICIENTS OF UTILIZATION

ppc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			CU												00
0	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	00
1	113	111	109	111	109	107	107	105	104	103	102	101	00	99	98	96
2	107	104	102	106	103	101	103	101	99	00	98	97	97	96	95	93
3	103	99	96	102	98	96	99	96	94	97	95	93	95	93	91	90
4	99	95	92	98	94	91	96	93	90	94	91	89	92	90	88	87
5	95	91	88	94	90	87	93	89	87	91	88	86	90	87	85	84
6	92	87	84	91	87	84	90	86	84	88	85	83	87	85	83	82
7	89	84	81	88	84	81	87	83	81	86	83	81	85	82	80	79
8	86	82	79	85	81	79	84	81	78	84	80	78	83	80	78	77
9	83	79	76	83	79	76	82	78	76	81	78	76	81	78	76	75
10	81	77	74	80	77	74	80	76	74	79	76	74	79	76	73	73

Photometric:

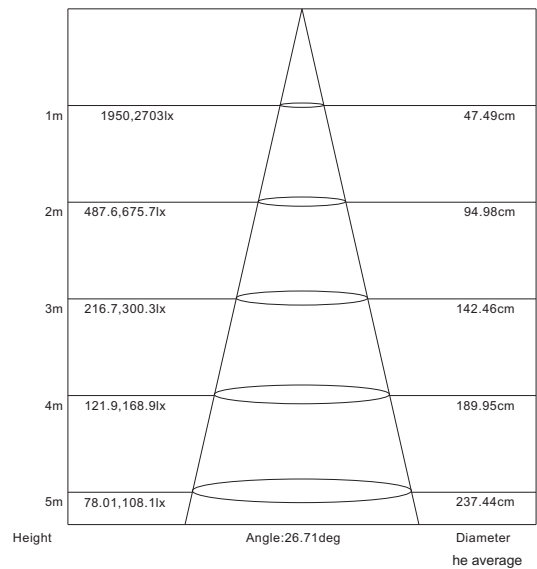
Fixture photometry has been conducted accredited testing laboratory in accordance with IESNA LM-79-08.

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE ILLUMINANCE CURVE

Flux out:380.9 lm



Note :The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

