

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	

PRODUCT DESCRIPTION

The 1' x 4' suspended Up/down LED Luminaire is a commercial pendant lighting fixture utilizing an advanced LED optical system to achieve superior performance. The unique design is nearly transparent luminaire when off and excellent uniformity and efficiency when on, reaching 55% downlighting and 45% uplighting distribution, making the illusion of the light floating in mid-air, included UL Recognized constant current driver which support 0-10V dimming and step dimming, suitable for indoor lighting.

PERFORMANCE SUMMARY

Efficacy: 105LPW

Delivered Light Output: 5670 Lumens

Input Power: 54Watts

CRI: Ra>80

DLC CCT Options: 3500K/4000K/5000K

Input Voltage: 120-277VAC

Input current: 0.55A

THD:<20%

Power Factor: >0.9

Driver: Internal Replacetable

Diver output: DC36-42V 1.14A

Standard Warranty: 5 Years

Standard Lifetime: Designed to L70 minimum 50,000 hours

Mounting: Suspended

Support to connect 6pcs panels together in 120V AC

Available 0-10v dimming and step dimming (100%, 50%, 10%)

Signal Current:1.5mA

Recommended Dimmers:DIVA-DVTV(LUTRON),NOVA T NTSTV-DV(LUTRON)
IP710-DL(LEVITON)

Dimensions: L 47.24" x W 11.81" x H 1.06"

Fixture measurement and weight are round up pls contact your OKT representative for exact data.

REGULATORY & VOLUNTARY QUALIFICATIONS

ETL	Yes
DLC	Yes
LM79 Report	Yes
Damp rated	Yes

ORDER INFORMATION

EXAMPLE:DE14-DM-35E

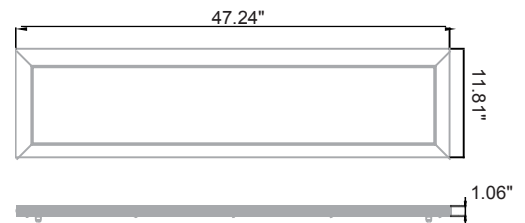
Product category	Size	Dimming	Fixture wattage	CCT(XX)	CRI(E)
DE	14=1'X4'	D=0-10v Dimming	M=54W	30=3000k 35=3500k 40=4000k 50=5000k	E=80 CRI

Up/Down

1'X4' LED Luminaires



DIMENSIONS



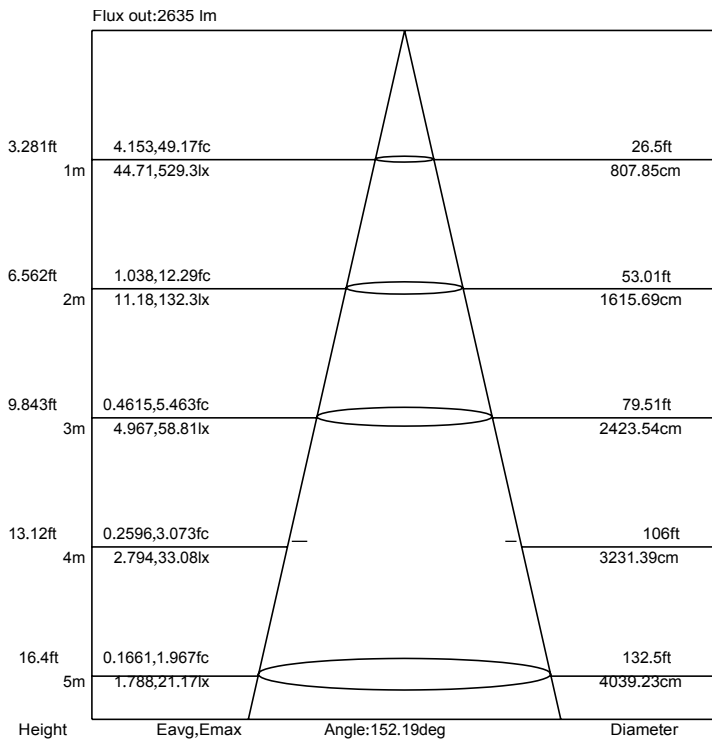
▼ 55% downlight and 45% uplight distribution



▼ Replaceable Driver



AVERAGE ILLUMINANCE CURVE

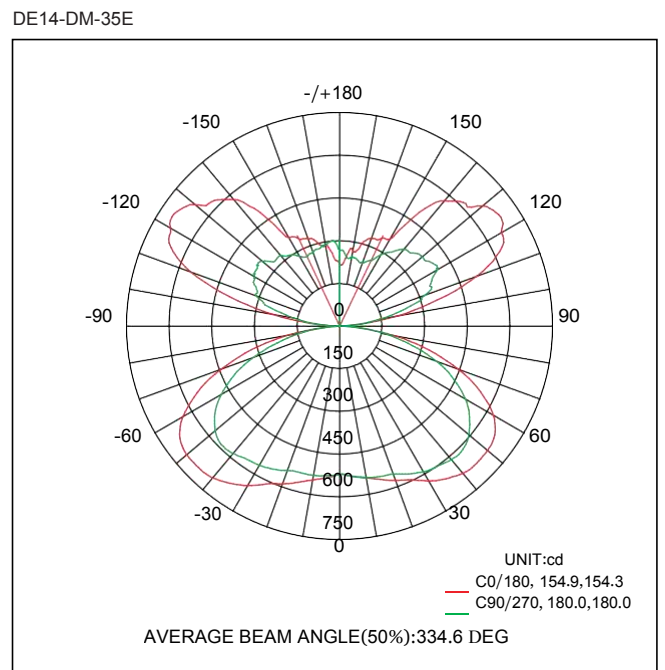


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

PHOTOMETRY

Fixture photometry has been conducted accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%.Result may vary per actual order.

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



ZONAL FLUX DIAGRAM

T	C0	C45	C90	C135	C180	C225	C270	C315
10	541.5	541.8	539.8	539.8	548.7	539.3	532.3	537.7
20	576.8	571.1	552.7	552.7	589.4	565.9	540.0	563.1
30	627.8	612.7	590.9	590.9	646.9	602.6	564.6	592.5
40	674.6	656.4	612.4	612.4	695.6	638.9	584.2	611.4
50	679.5	666.2	593.9	593.9	702.4	643.9	571.6	590.5
60	624.4	608.9	510.9	510.9	637.2	586.1	481.7	513.0
70	445.4	448.3	363.8	363.8	444.8	416.5	322.8	354.6
80	197.3	202.7	168.7	168.7	181.1	166.2	133.8	138.2
90	0.7812	1.241	1.869	1.869	0.5981	1.205	1.379	1.404

DEG LUMINOUS INTENSITY:cd

ZONAL LUMEN SUMMARY

T	φ zone	φ total	lum lamp
0-10	50.93	50.93	1.02,1.02
10-20	156.9	207.9	4.16,4.16
20-30	271.8	479.6	9.59,9.59
30-40	391.6	871.2	17.4,17.4
40-50	496.1	1367	27.3,27.3
50-60	543.2	1911	38.2,38.2
60-70	487.0	2398	47.9,47.9
70-80	304.5	2702	54,54
80-90	68.73	2771	55.4,55.4

UNIT: lm

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%
pcf	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio (CU)															
0.0	108	108	108	101	101	101	86	86	86	73	73	73	61	61	55	55
1.0	93	89	85	86	83	79	74	71	69	63	61	59	52	49	44	44
2.0	80	73	67	74	68	63	63	59	55	54	50	47	44	40	35	35
3.0	69	61	54	64	57	51	55	49	45	46	42	38	38	32	28	28
4.0	60	52	45	56	48	42	48	42	37	40	36	32	33	27	23	23
5.0	53	44	38	49	41	36	42	36	31	36	31	27	29	23	19	19
6.0	47	38	32	44	36	30	38	31	27	32	27	23	26	19	16	16
7.0	42	34	28	39	32	26	34	27	23	29	24	20	24	17	14	14
8.0	38	30	24	36	28	23	31	24	20	26	21	17	22	15	12	12
9.0	35	27	21	32	25	20	28	22	18	24	19	15	20	13	11	11
10.0	32	24	19	29	22	18	25	20	16	22	17	14	18	12	10	10