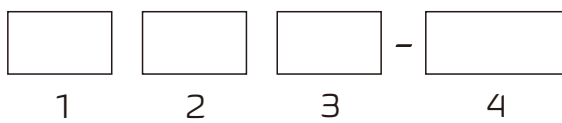


Product Ordering Guide

Sample

LR24 - 40T



1. Base Model

LR

2. Length

- 2 2 feet
- 4 4 feet
- 8 8 feet

3. Aperture

- 4 4 inch
- 6 6 inch

4. CCT

- 40T CCT adjustable 3000K, 3500K and 4000K
- 30E 3000K
- 35E 3500K
- 40E 4000K
- 50E 5000K

* CCT selectable or wattage selectable can be custom, please consult with your sales reps for details.

Optional Ordering Guide

Optional Function

- Emergency
- Sensor

LR SERIES

Architectural LED Luminaire

OKTUSA | Architectural Lighting Enthusiast

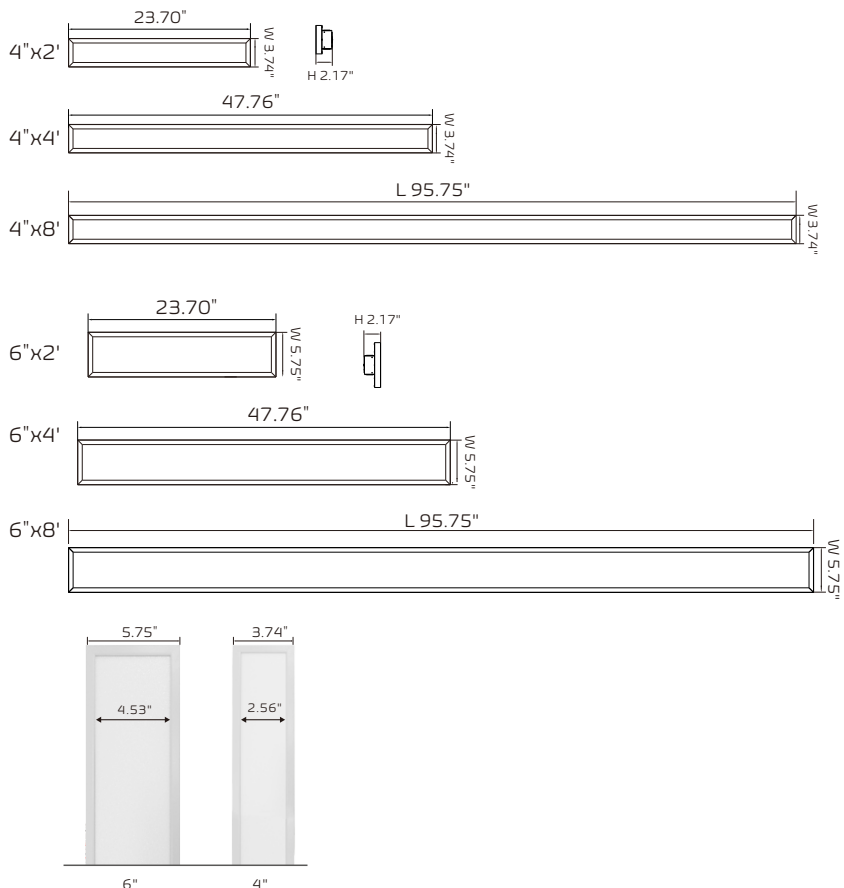
Specification

Model	Dimension	Wattage	CCT Adjustable	Luminous Flux
LR24	4"x2'	20W	3000K	1600LM
			3500K	1800LM
			4000K	1700LM
LR26	6"x2'	20W	3000K	1900LM
			3500K	2100LM
			4000K	2000LM
LR44	4"x4'	40W	3000K	3400LM
			3500K	3800LM
			4000K	3600LM
LR46	6"x4'	40W	3000K	3800LM
			3500K	4400LM
			4000K	4000LM
LR84	4"x8'	80W	3000K	6800LM
			3500K	7600LM
			4000K	7200LM
LR86	6"x8'	80W	3000K	7600LM
			3500K	8400LM
			4000K	8000LM

Performance Summary

Input Voltage	120-277V AC
Color Rendering Index (CRI)	Ra>80
Power Factor	PF>0.90
Dimming Style	1-10V Dimming
Beam Angle	120°
Mounting	Recessed
Warranty	5 Years

Dimension



Qualifications

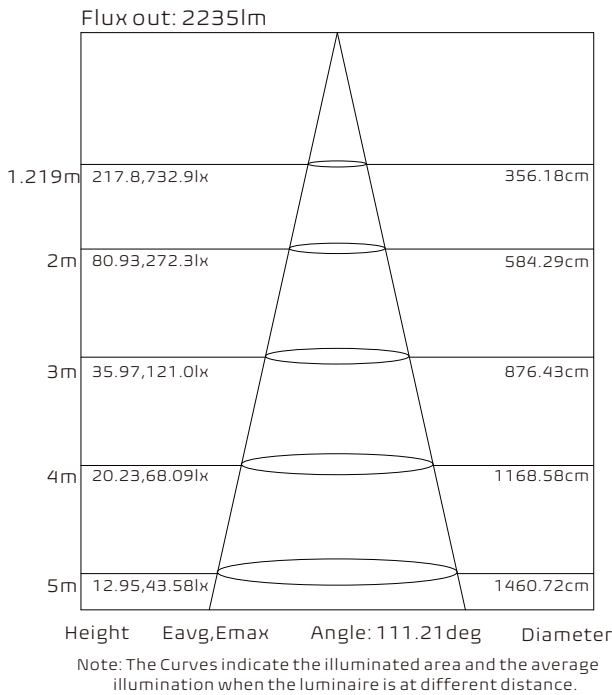
UL Listed	Yes
Damp rated	Yes

LR SERIES

Architectural LED Luminaire

4"X4"LINEAR

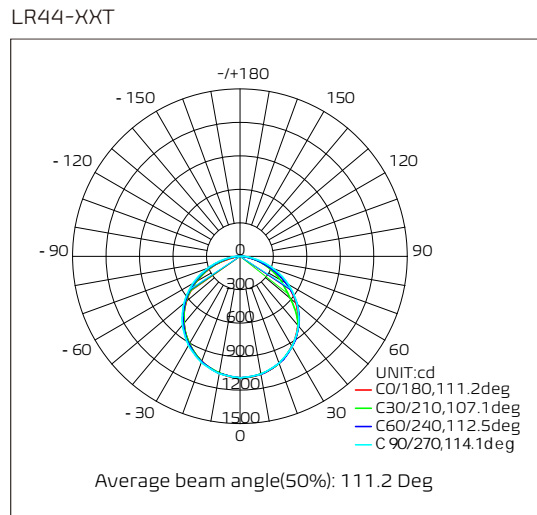
Average Illuminance Curve



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
5	1087	1083	1081	1079	1082	1078	1079	1081
10	1074	1071	1073	1065	1065	1062	1069	1068
15	1052	1053	1047	1043	1038	1039	1041	1048
20	1020	1020	1021	1006	1002	1002	1013	1013
25	979.7	982.8	977.7	963.8	958.4	960.3	968.8	974.8
30	930.4	935.0	934.3	900.7	906.4	909.3	924.2	925.5
35	872.9	878.5	875.2	831.4	847.0	850.6	864.4	867.6
40	807.6	817.0	816.2	754.6	781.1	788.4	804.6	805.9
45	735.5	727.9	743.2	636.3	708.1	713.9	731.5	733.2
50	656.2	618.9	670.2	519.8	628.6	638.2	658.4	659.5
55	570.6	512.7	585.0	434.1	541.5	553.1	573.4	573.3
60	478.0	425.7	499.8	353.1	448.4	466.6	488.5	486.2
65	381.2	341.3	406.3	271.2	351.3	370.3	395.9	391.5
70	284.0	255.2	312.8	194.9	252.9	273.6	303.3	295.9
75	99.33	174.3	221.6	124.0	133.3	177.8	213.6	200.0
80	21.44	99.53	130.5	66.72	47.82	93.38	124.0	112.7
85	1.668	41.87	66.17	25.89	8.506	32.71	62.17	45.01
90	0.3653	4.712	1.872	2.404	0.3816	0.3607	0.3698	0.7438

LUMINOUS INTENSITY:cd

Zonal Lumen Summary

T	φ zone	φ total	lum, lamp
0-5	25.92	25.92	0.86,0.86
5-10	76.85	102.8	3.42,3.42
10-15	125.3	228.0	7.59,7.59
15-20	169.4	397.4	13.2,13.2
20-25	207.9	605.3	20.2,20.2
25-30	239.1	844.4	28.1,28.1
30-35	262.2	1107	36.9,36.9
35-40	276.2	1383	46.1,46.1
40-45	279.8	1663	55.4,55.4
45-50	271.6	1934	64.4,64.4
50-55	253.4	2188	72.9,72.9
55-60	227.3	2415	80.4,80.4
60-65	194.5	2609	86.9,86.9
65-70	156.0	2765	92.1,92.1
70-75	115.0	2880	95.9,95.9
75-80	73.83	2954	98.4,98.4
80-85	37.06	2991	99.6,99.6
85-90	11.36	3003	100,100

UNIT: lm

Coefficients Of Utilization

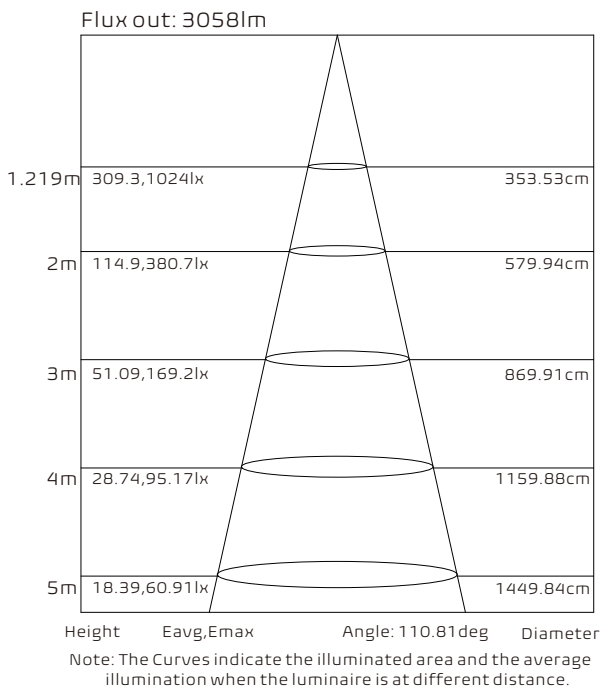
ppc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	(CU)															
0.0	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100
1.0	104	100	96	102	98	95	98	95	92	94	91	89	90	88	86	84
2.0	91	84	79	89	83	78	86	80	76	82	78	74	79	76	73	70
3.0	80	72	66	79	71	65	76	69	64	73	67	63	70	66	62	60
4.0	71	62	56	70	62	55	67	60	55	65	59	54	63	57	53	51
5.0	64	55	48	62	54	48	60	53	47	58	52	47	56	51	46	44
6.0	57	48	42	56	48	42	54	47	41	53	46	41	51	45	41	39
7.0	52	43	37	51	43	37	50	42	37	48	41	36	47	41	36	34
8.0	47	39	33	47	39	33	45	38	33	44	37	33	43	37	32	30
9.0	43	35	30	43	35	30	42	35	30	41	34	29	40	34	29	27
10.0	40	32	27	40	32	27	39	32	27	38	31	27	37	31	27	25

LR SERIES

Architectural LED Luminaire

6"x4"LINEAR

Average Illuminance Curve

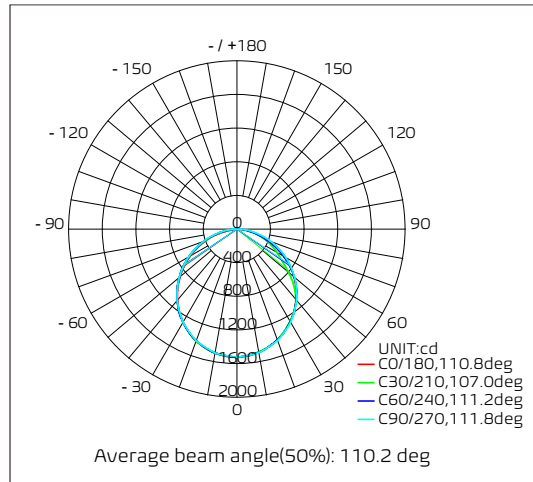


Photometry

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

LR46-XXT



Zonal Flux Diagram

T	C0	C45	C90	C135	C180	C225	C270	C315
5	1513	1507	1508	1510	1518	1511	1509	1508
10	1489	1485	1494	1491	1498	1493	1496	1485
15	1452	1452	1452	1461	1464	1464	1455	1452
20	1402	1399	1411	1408	1415	1412	1414	1399
25	1340	1341	1345	1349	1354	1355	1348	1340
30	1268	1269	1278	1271	1280	1283	1282	1266
35	1185	1186	1192	1177	1195	1200	1195	1182
40	1094	1098	1105	1067	1100	1112	1107	1092
45	995.5	978.4	1002	914.6	995.9	1006	1003	989.8
50	889.3	838.9	898.4	746.0	884.3	900.0	898.9	887.2
55	777.1	689.3	783.0	605.3	764.9	782.1	781.8	770.7
60	659.0	562.4	667.6	484.8	639.7	663.9	664.7	654.5
65	536.6	454.9	546.6	376.9	511.3	535.9	541.4	532.2
70	413.3	349.1	425.5	276.8	382.3	408.7	418.0	409.7
75	287.0	244.2	309.4	186.1	238.3	282.0	300.0	286.9
80	164.7	144.4	193.3	107.6	79.40	159.5	181.9	167.2
85	40.56	63.05	98.59	46.12	17.81	63.50	91.22	69.79
90	3.175	4.753	3.887	2.886	0.5494	0.5547	0.5051	0.6855
DEG	LUMINOUS INTENSITY:cd							

Zonal Lumen Summary

T	φ zone	φ total	lum, lamp
0-5	36.22	36.22	0.87,0.87
5-10	107.3	143.5	3.43,3.43
10-15	174.7	318.2	7.61,7.61
15-20	235.7	553.9	13.3,13.3
20-25	288.7	842.6	20.2,20.2
25-30	331.3	1174	28.1,28.1
30-35	362.6	1537	36.8,36.8
35-40	380.8	1917	45.9,45.9
40-45	385.3	2303	55.1,55.1
45-50	374.0	2677	64.64
50-55	348.3	3025	72.4,72.4
55-60	312.0	3337	79.8,79.8
60-65	268.4	3605	86.2,86.2
65-70	218.6	3824	91.5,91.5
70-75	165.9	3990	95.4,95.4
75-80	111.8	4102	98.1,98.1
80-85	60.04	4162	99.6,99.6
85-90	18.60	4180	100,100
	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%	0
PFC	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio (CU)															
0.0	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100
1.0	104	0	96	102	98	94	98	94	91	94	91	89	90	88	86	84
2.0	91	84	78	89	83	77	85	80	76	82	78	74	79	75	72	70
3.0	80	72	65	78	71	65	75	69	64	73	67	62	70	65	61	59
4.0	71	62	55	70	61	55	67	60	54	65	59	54	63	57	53	51
5.0	63	54	48	62	54	48	60	53	47	58	52	46	56	51	46	44
6.0	57	48	42	56	48	42	54	47	41	53	46	41	51	45	40	38
7.0	52	43	37	51	43	37	49	42	36	48	41	36	47	41	36	34
8.0	47	39	33	47	38	33	45	38	33	44	37	32	43	37	32	30
9.0	43	35	30	43	35	30	42	34	29	41	34	29	40	34	29	27
10.0	40	32	27	40	32	27	39	32	27	38	31	27	37	31	26	25