

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
5000	5272	39 W
4000	4121	30 W
3000	2978	23 W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

The slim profile of the Architectural LED Linear makes it ideal for library stacks or narrow layouts. Flexible design delivers continuous, uniform and glare-free illumination. Available in single pendant or continuous mounting for seamless connection from luminaire to luminaire, with adjustable mounting heights. For use as general or task lighting in hallways, corridors, parking lots, educational, healthcare, office, and industrial applications.

LUMENS	3000, 4000, 5000
CCT	35K, 40K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
LENGTH	2', 4' or 8'
MOUNTING	Suspended or Surface
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output (Bodine BSL310)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



OPTICS & PERFORMANCE

Frosted acrylic lens provides even, shadow-free illumination. Lens has tool-less removal, ensuring easy upgrading and maintenance.

CONSTRUCTION

Heavy-duty 20-gauge cold rolled steel body. High-gloss white finish is pre-treated with 5-stage iron phosphate coating, which provides superior paint adhesion and protection against weathering.

INSTALLATION

Surface or suspended mounting; individual or continuous row mounting (CRM). The first luminaire in the row for CRM will always be the power supply feed. After plugging in the male and female harnesses, which are supplied with each luminaire, they will easily slide together. Secure with two screws in the connecting brackets.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers, rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and female 18-gauge 6 wire plug connectors are included with every luminaire to allow for simple, hassle-free continuous wiring. Each luminaire must be installed male to female.

OPTIONS

Pre-installed with daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control solutions.

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V.

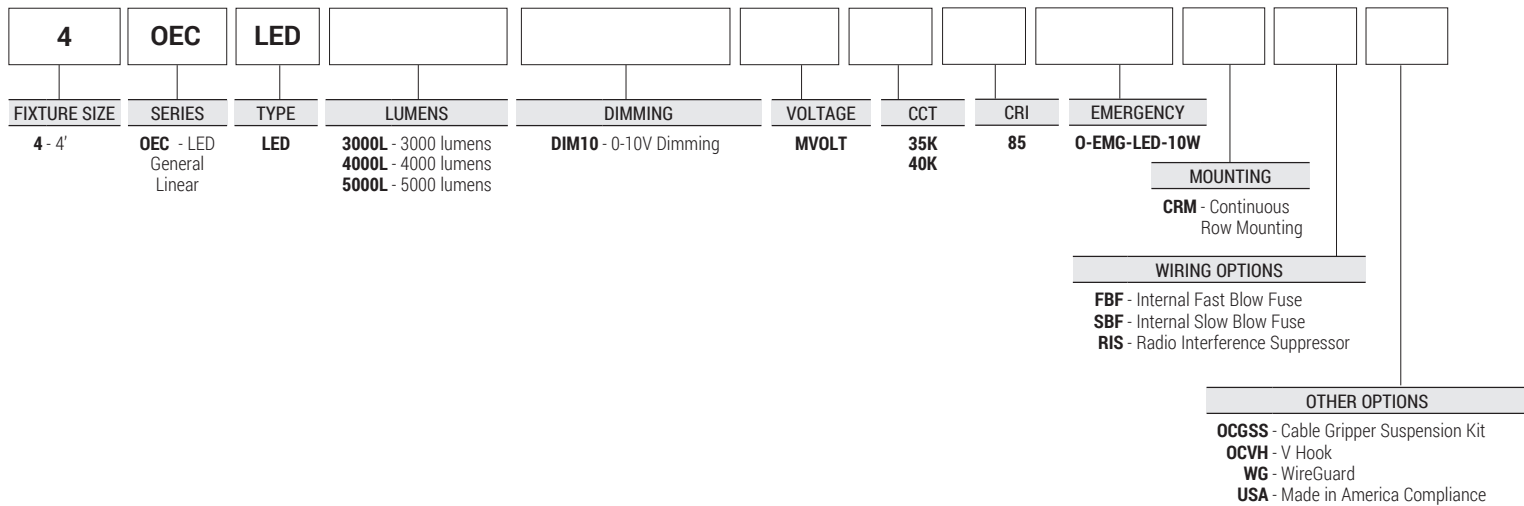
WARRANTY

Five-year warranty for parts and components. (Labor not included)

LISTINGS

c-UL-us - Listed for Feed Through Wiring.
Listed for DLC, California Title 24 compliant.

Example: **4-OEC-LED-3000L-DIM10-MVOLT-40K-85**



4-OEC-LED-3000L-DIM10-MVOLT-40K-85

INPUT WATTS: 22.5

LUMENS: 2978

CRI: 90

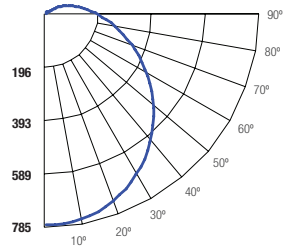
EFFICACY: 132

CCT: 4000K

TEST NO.: EL1118106

SPACING CRITERIA: 1.40

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	286.62	N.A.	9.60
0-30	608.72	N.A.	20.40
0-40	999.01	N.A.	33.60
0-60	1801.65	N.A.	60.50
0-80	2399.03	N.A.	80.60
0-90	2587.3	N.A.	86.90

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	5505	5055	4382
55	5861	5163	4041
65	6636	5582	3608
75	8739	6978	2979
85	20327	15352	2109

Lumens Per Zone

Zone	Lumens
0-10	74.21
10-20	212.41
20-30	322.10
30-40	390.29
40-50	412.12
50-60	390.51
60-70	335.46
70-80	261.92
80-90	188.27

Candela Tabulation

0	
0	90
0	784.740
5	783.245
15	763.018
25	722.774
35	664.915
45	593.587
55	512.717
65	427.699
75	344.947
85	270.182
90	237.398

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

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%	30%	10%	0%		
0	116	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	90	90	90	87		
1	103	98	93	88	88	99	94	90	85	87	84	80	81	78	75	76	73	71	71	71	68	68		
2	93	84	76	70	70	89	81	74	68	75	70	65	70	65	61	65	61	58	58	55	55	55		
3	85	73	64	57	57	81	71	63	56	66	59	53	61	56	51	57	52	48	48	45	45	45		
4	77	65	48	41	41	74	62	54	47	58	51	45	54	48	43	51	45	41	41	38	38	38		
5	71	57	48	41	41	68	56	47	40	52	44	39	48	42	37	45	40	35	35	33	33	33		
6	65	52	42	36	36	62	50	41	35	47	39	34	44	37	32	41	35	31	31	29	29	29		
7	60	47	38	31	31	58	45	37	31	42	35	30	40	33	29	37	32	27	27	25	25	25		
8	56	42	34	28	28	54	41	33	27	39	32	26	36	30	25	34	29	25	25	22	22	22		
9	52	39	31	25	25	50	38	30	24	36	29	24	34	27	23	32	26	22	22	20	20	20		
10	49	36	28	22	22	47	35	27	22	33	26	21	31	25	21	29	24	20	20	18	18	18		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Cone of Light

Beam Dia. (ft)	Beam Dia. (m)	Beam Dia. (ft)	Beam Dia. (m)
2	204	10	5.1
4	51.1	20	10.3
6	22.7	29.9	15.4
8	12.8	39.9	20.5
10	8.17	49.9	25.6
12	5.68	59.9	30.8

(FT) Distance to Plane (FC) Initial Footcandle at Nadir (FT) Beam Vert. Spread (FT) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

4-OEC-LED-4000L-DIM10-MVOLT-40K-85

INPUT WATTS: 30.5

LUMENS: 4121

CRI: 85

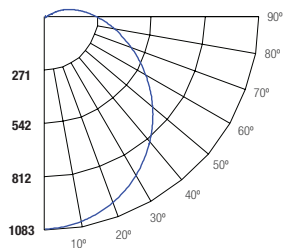
EFFICACY: 135

CCT: 4000K

TEST NO.: EL0119166

SPACING CRITERIA: 1.40

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	394.07	9.60	9.60
0-30	836.91	20.30	20.30
0-40	1376.77	33.40	33.40
0-60	2489.16	60.40	60.40
0-80	3318.23	80.50	80.50
0-90	3580.00	86.90	86.90

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	7567	8270	9107
55	6952	8178	9645
65	6294	8596	10850
75	5204	10548	14235
85	3547	22346	33452

Lumens Per Zone

Zone	Lumens
0-10	102.07
10-20	292.00
20-30	442.84
30-40	539.86
40-50	571.28
50-60	541.11
60-70	465.14
70-80	363.93
80-90	261.77

Candela Tabulation

0	
0	90
0	1079.418
5	1073.010
15	1024.270
25	932.440
35	804.110
45	656.790
55	489.460
65	326.500
75	165.330
85	37.950
90	6.360

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

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%	30%	10%	0%		
0	116	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	90	90	90	87		
1	103	98	93	88	88	99	94	90	85	87	84	80	81	78	75	76	73	71	71	71	68	68		
2	93	84	76	70	70	89	81	74	68	75	70	65	70	65	61	65	61	58	58	55	55	55		
3	85	73	64	57	57	81	71	63	56	66	59	53	61	56	51	57	52	48	48	45	45	45		
4	77	64	48	41	41	74	62	54	47	58	51	45	54	48	43	50	45	41	41	38	38	38		
5	71	57	48	41	41	68	55	47	40	52	44	39	48	42	37	45	40	35	35	33	33	33		
6	65	51	42	36	36	62	50	41	35	47	39	34	44	37	32	41	35	31	31	29	29	29		
7	60	47	38	31	31	58	45	37	31	42	35	30	40	33	29	37	32	27	27	25	25	25		
8	56	42	34	28	28	54	41	33	27	39	31	26	36	30	25	34	29	25	25	22	22	22		
9	52	39	30	25	25	50	38	30	24	36	29	24	34	27	23	32	26	22	22	20	20	20		
10	49	36	28	22	22	47	35	27	22	33	26	21	31	25	21	29	24	20	20	18	18	18		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Cone of Light

Beam Dia. (ft)	Beam Dia. (m)	Beam Dia. (ft)	Beam Dia. (m)
2	270	5.2	10.1
4	67.5	10.4	20.2
6	30	15.5	30.3
8	16.9	20.7	40.4
10	10.8	25.9	50.5
12	7.5	31.1	60.6

(FT) Distance to Plane (FC) Initial Footcandle at Nadir (FT) Beam Vert. Spread (FT) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

4-OEC-LED-5000L-DIM10-MVOLT-40K-85

INPUT WATTS: 39.4

LUMENS: 5272

CRI: 85

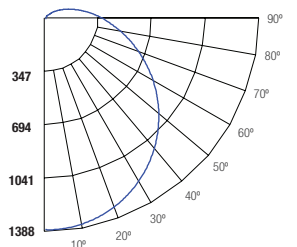
EFFICACY: 134

CCT: 4000K

TEST NO.: EL0119165

SPACING CRITERIA: 1.40

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	505.28	9.60	9.60
0-30	1072.89	20.40	20.40
0-40	1760.73	33.40	33.40
0-60	3180.94	60.30	60.30
0-80	4242.47	80.50	80.50
0-90	4577.39	86.80	86.80

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	12235	11203	9647
55	13068	11483	8908
65	14833	12426	7976
75	19517	15496	6653
85	45232	34310	4338

Lumens Per Zone

Zone	Lumens
0-10	130.87
10-20	374.41
20-30	567.61
30-40	687.83
40-50	727.72
50-60	692.50
60-70	596.09
70-80	465.43
80-90	334.92

Candela Tabulation

0	
0	90
0	1384.404
5	1384.220
15	1350.090
25	1282.580
35	1184.300
45	1061.940
55	920.070
65	769.470
75	620.030
85	483.900
90	423.370

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

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%	30%	10%	0%		
0	116	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	90	90	90	87		
1	103	98	93	88	88	99	94	89	85	87	84	80	81	78	75	76	73	71	71	71	68	68		
2	93	84	76	70	70																			