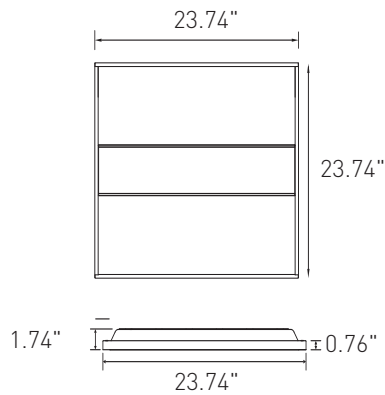




EASY 3 COLORS
SELECCTOR
3500K • 4000K • 5000K



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
4000	3750	35 W
3000	3300	30 W
2000	2750	25 W

Based on 3000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

The OAT1-LED is the Slim fully luminance grille light with new louver anti-glare design, the compact and seamless splicing make it a great looking. It adopts anti-glare prism plate to reach UGR<19, direct lighting design makes a high lumen efficiency and uniform light output, it is an ideal combination of stylish and high performance. The glare-free illumination, high efficiency and sustainability of the luminaire makes it the ideal source for corporate offices, educational, healthcare, commercial, and retail applications.

LUMENS	2000/3000/4000
CCT & DYNAMIC PLATFORMS	35K/40K/50K
CRI	85+ (standard),
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x2', 2'x4', 1'x4'
MOUNTING	Recessed
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10),
EMERGENCY	10W - Up to 1000L output 20W - Up to 2000L output EMG-LED-G2-10W-SDT - Self Diagnostic (Consult Factory) EMG-LED-G2-20W-SDT - Self Diagnostic (Consult Factory)
LIFETIME	L70 at 60,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



MAINTENANCE

Drivers are accessible from the top of the housing. Luminaire can be regularly and safely wiped down to ensure optimal performance.

OPTICAL SYSTEM

The LED light engine is secured to the body of the luminaire, with the body acting as a heat sink. the Acrylic micro-optics lens results in zero pixilation, regardless of the viewing angle, with LEDs placed to promote a uniform appearance. The result is even illumination across the space, from luminaire to luminaire.

CONSTRUCTION

Body is constructed of heavy-duty 20-gauge cold rolled steel, post-painted and engineered for maximum strength and extended life. Dia cast aluminum face plate with welded and ground mitered corners, tightly seals to the housing for optimal performance and aesthetics. the 1-7/8" overall height ideal for shallow plenums. Luminaire is supplied with multiple wiring entrances for easy daisy chain of luminaires, to add power packs, whips, or other accessories in the field, or for continuous row mounting.

FINISH

Post-painted with a 93% reflective white coat to improve luminaire efficacy, with all body components seamlessly interlocked for added structural strength.

MOUNTING

Luminaires accommodate lay-in ceilings, Slot T, and T-bar suspension systems for 5/8" and 3/8" ceiling thicknesses. Four corner tie points are standard for safety wire support when required, with built-in earthquake clips, standard. Luminaires may be available with flange kits, surface mounted kits, and other options.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input., produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING & DRIVER INFORMATION

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

WARRANTY

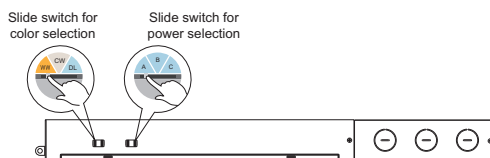
Five-year warranty for parts and components. (Labor not included)

LED DYNAMIC PLATFORM OPTIONS

LISTINGS

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

For the product with Slide Switch of CCT or power selection, please select the CCT or power needed before installation. (Ignore these steps if without the function)



Example: **22-OAT1-LED-2000/3000/4000L-DIM10-MVOLT-35K/40K/50K-85**

22	OAT1	LED							
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS
22 - 2' X2'	OAT1	LED	2000L/3000L/4000L	DIM10 0-10V Dimming	MVOLT	35K/40K/50K	85	O-EMG-LED-10W O-EMG-LED-20W O-EMG-LED-G2-10W-SDT O-EMG-LED-G2-20W-SDT	22FK - 2'x2' Flange Kit FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Low LMFC-011 - Digital Lighting Manager

*Consult factory for details

22-OAT1-LED-2000L-DIM10-MVOLT-30K-85

INPUT WATTS: 25

LUMENS: 2750

CRI: 85

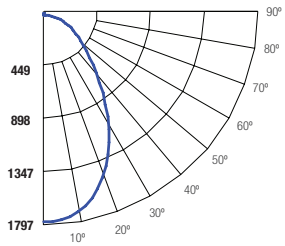
EFFICACY: 110

CCT: 3000K

TEST NO.: EL1136971

SPACING CRITERIA: 1.2

Candle Power Distribution (Candelas)



Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2334	2625	3673
55	1870	2006	2772
65	1666	1719	2112
75	1536	1591	1839
85	1164	1268	1701

Lumens Per Zone

Zone	Lumens
0-10	168.81
10-20	467.95
20-30	653.55
30-40	685.39
40-50	583.17
50-60	429.08
60-70	291.16
70-80	172.81
80-90	54.07

Candela Tabulation

0	1	2	3	4	5	6	7	8	9
0	1795.244	1786.300	1646.270	1339.070	949.400	613.870	399.060	261.820	147.910
10	37.720	1.970							

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	110	105	102	98	107	103	100	96	99	96	93	95	92	90	91	89	87	85
2	101	94	87	82	98	92	86	81	88	83	79	85	81	77	82	78	76	73
3	93	83	76	70	91	82	75	70	79	73	68	76	71	67	73	69	66	64
4	86	75	67	61	84	74	66	60	71	65	60	69	63	59	67	62	58	56
5	80	68	60	54	78	67	59	53	65	58	53	63	57	52	61	56	51	49
6	74	62	54	48	72	61	53	47	59	52	47	57	51	46	56	50	46	44
7	69	57	48	43	67	56	48	43	54	47	42	53	47	42	51	46	42	40
8	65	52	44	39	63	51	44	39	50	43	38	49	43	38	48	42	38	36
9	61	48	40	35	59	48	40	35	46	40	35	45	39	35	44	39	35	33
10	57	45	37	32	56	44	37	32	43	37	32	42	36	32	41	36	32	30

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

22-OAT1-LED-3000L-DIM10-MVOLT-30K-85

INPUT WATTS: 30

LUMENS: 3300

CRI: 85

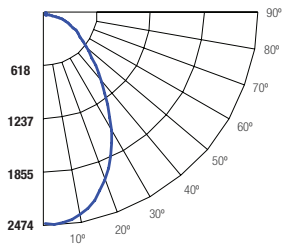
EFFICACY: 110

CCT: 3000K

TEST NO.: EL1359712

SPACING CRITERIA: 1.2

Candle Power Distribution (Candelas)



Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3207	3749	5077
55	2555	2848	3846
65	2299	2411	2894
75	2110	2223	2558
85	1525	1769	2361

Lumens Per Zone

Zone	Lumens
0-10	231.93
10-20	643.01
20-30	898.17
30-40	940.97
40-50	798.65
50-60	588.38
60-70	399.09
70-80	237.38
80-90	73.56

Candela Tabulation

0	1	2	3	4	5	6	7	8	9
0	2466.496	2459.182	2265.641	1838.743	1301.645	843.398	545.153	361.400	203.122
10	49.442	2.660							

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	110	105	102	98	107	103	100	97	99	96	93	95	92	90	91	89	87	85
2	101	94	87	82	98	92	86	81	88	83	79	85	81	77	82	78	76	73
3	93	83	76	70	91	82	75	70	79	73	68	76	71	67	73	69	66	64
4	86	75	67	61	84	74	66	60	71	65	60	69	63	59	67	62	58	56
5	80	68	60	54	78	67	59	53	65	58	53	63	57	52	61	56	51	49
6	74	62	54	48	72	61	53	47	59	52	47	57	51	46	56	50	46	44
7	69	57	48	43	67	56	48	43	54	47	42	53	47	42	51	46	42	40
8	65	52	44	39	63	51	44	39	50	43	38	49	43	38	48	42	38	36
9	61	48	40	35	59	48	40	35	46	40	35	45	39	35	44	39	35	33
10	57	45	37	32	56	44	37	32	43	37	32	42	36	32	41	36	32	30

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

22-OAT1-LED-4000L-DIM10-MVOLT-3K-85

INPUT WATTS: 35

LUMENS: 3750

CRI: 85

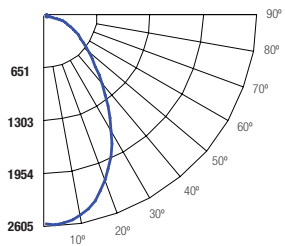
EFFICACY: 107

CCT: 3000K

TEST NO.: EL13623

SPACING CRITERIA: 1.2

Candle Power Distribution (Candelas)



Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3367	3933	5335
55	2688	2991	4044
65	2419	2512	3039
75	2220	2337	2688
85	1601	1859	2483

Lumens Per Zone

Zone	Lumens
0-10	243.64
10-20	675.50
20-30	943.64
30-40	988.48
40-50	837.16
50-60	617.14
60-70	418.12
70-80	249.16
80-90	77.18

Candela Tabulation

0	1	2	3	4	5	6	7	8	9
0	2591.863	2590.170	2383.960	1934.210	1367.320	885.580	573.390	380.260	213.720
10	51.910	2.800							

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	110	106	102	98	107	103	100	97	99	96	93	95	93	90	91	89	88	85
2	101	94	88	82	98	92	86	81	88	83	79	85	81	77	82	78	76	73
3	93	84	76	70	91	82	75	70	79	73	68	76	71	67	74	69	66	64
4	86	75	67	61	84	74	66	60	71	65	60	69	63	59	67	62	58	56
5	80	68	60	54	78	67	59	53	65	58	53	63	57	52	61	56	51	49
6	74	62	54	48	72	61	53	48	59	52	47	57	51	47	56	50	46	44
7	69	57	49	43	68	56	48	43	54	47	42	53	47	42	51	46	42	40
8	65	52	44	39	63	51	44	39	50	43	38	49	43	38	48	42	38	36
9	61	48	41	35	59	48	40	35	46	40	35	45	39	35	44	39	35	33
10	57	45	37	32	56	44	37	32	43	37	32	42	36	32	41	36	32	30

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance