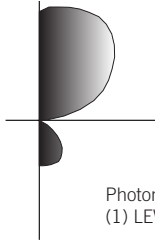


LEVEL WALL



Photometric Drawing for
(1) LEW-55-120

TYPE _____ PROJECT _____



CATALOG NUMBER

FIXTURE		LENGTH	LAMPING (SEE CROSS SECTION)	VOLTAGE	OPTIONS*
LEW	Level Wall Mount	2 2 foot fixture	55 (2) 55W CFL (2'only)	120 120 v	DIM Electronic Dimming FUS Fusing
		4 4 foot fixture	2T528 (2) 28W T5 (4'only)	277 277 v	
		2T554 (2) 54W T5 HO (4'only)			

* DETAILS – OPTIONS

DIM Dimming ballast with 5 wire 0-10VDC control scheme

FUS GLR fuse for each ballast

SPECIFICATIONS

Construction. Fixture body constructed of extruded aluminum.

Finish. Fixture finished in thermopainted metallic silver.

Shielding. Lamps are shielded by Micro-Downlight-Technology (MDT®) louver and acrylic overlay. Louver is specular and allows approximately 16% downlight.

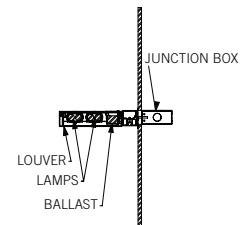
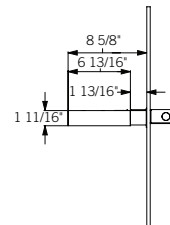
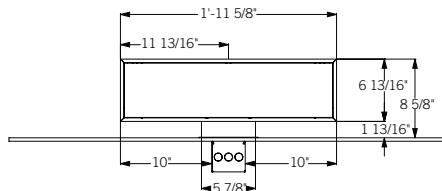
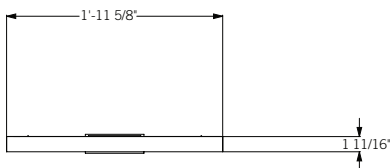
Electrical. Specify 120 or 277 volt. Fixture and all electrical components are UL/CUL damp location listed.

Lamping. 2' fixture uses (2) 55 watt compact fluorescent lamps. Choice of (2) 28 watt T5 or (2) 54 watt T5 high output fluorescent lamps in 4' fixture. Lamps not included.

Mounting. Fixture is mounted to wall using Energie junction box.

DIMENSIONS & DETAILS

2'



Installation instructions may be found at www.energielighting.com.



Energie LLC, 4885 Ward Road, Suite 300, Wheat Ridge CO 80033 Tel 720.963.8055 Fax 720.963.8044 www.energielighting.com
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All rights reserved. These products may be covered by one or more U.S. or international patents or patents pending. 07/10

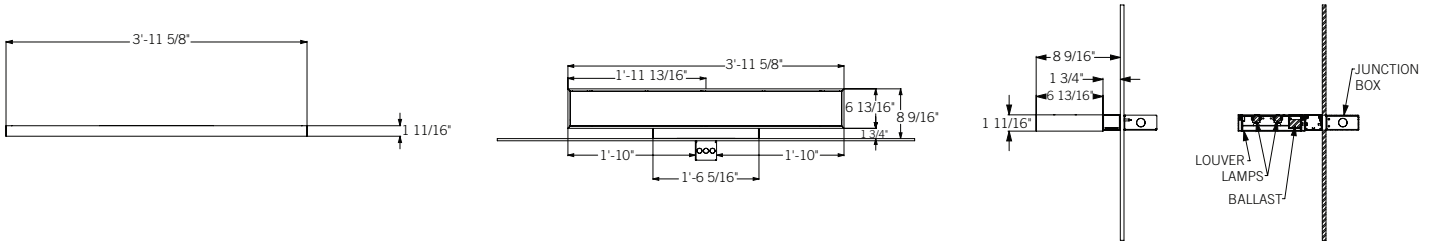


LEVEL WALL

TYPE _____
 PROJECT _____

DIMENSIONS & DETAILS CONT'D

4'

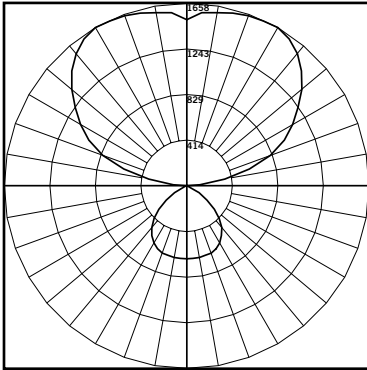


LEVEL WALL

TYPE _____
PROJECT _____

PHOTOMETRICS

LEW-55



CANDELA DISTRIBUTION

	0	45	90
0	664.3	664.3	664.3
5	663.1	663.9	662.5
15	654.5	648.2	638.5
25	630.5	604.0	575.2
35	553.5	524.1	476.5
45	420.7	394.2	342.0
55	226.3	215.0	182.3
65	33.4	33.9	29.6
75	6.8	6.5	4.4
85	4.6	4.3	2.3
95	120.6	108.0	44.3
105	590.0	542.7	280.0
115	981.5	859.4	5689
125	1237.2	1149.9	832.5
135	1478.5	1372.4	1065.9
145	1627.4	1494.5	1257.1
155	1652.5	1555.8	1402.0
165	1624.6	1578.1	1506.5
175	1577.8	1570.4	1553.9
180	1508.3	1508.3	1508.3

LUMINAIRE

Description: Level Wall 2x55w CFL
Catalog Number: LEW-4-55-120
Efficiency: 74%
Distribution: 19.6% direct, 80.4% indirect

LUMINANCE (Candela/sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	6398	5995	5201
55	4243	4031	3418
65	850	863	753
75	283	270	183
85	568	531	284

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	524.46	5.5	7.4
0 - 40	848.2	8.8	11.9
0 - 60	1333.86	13.9	18.8
0 - 90	1394.62	14.5	19.6
90 - 120	1483.33	15.5	20.9
90 - 130	2467.91	25.7	34.7
90 - 150	4409.82	45.9	62
90 - 180	5717.68	59.6	80.4
0 - 180	7112.3	74.1	100

ZONAL LUMEN SUMMARY

ZONE	LUMENS
0-10	63.21
10-20	183
20-30	278.24
30-40	323.74
40-50	297.1
50-60	188.57
60-70	48.82
70-80	7.53
80-90	4.41
90-100	135.61
100-110	522.79
110-120	824.93
120-130	984.58
130-140	1020.9
140-150	921.01
150-160	713.29
160-170	445.36
170-180	149.21

COEFFICIENTS OF UTILIZATION

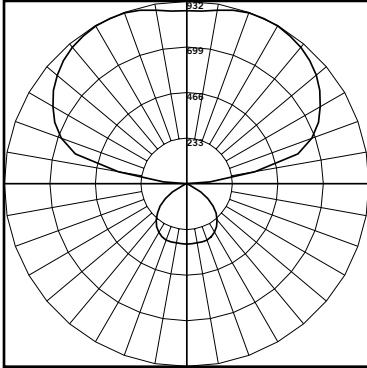
RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	
0	74	74	74	74	65	65	65	65	49	49	49	34	34	34	21	21	21	15
1	68	65	62	60	60	57	55	53	44	42	41	31	30	29	19	19	18	13
2	62	57	53	49	55	51	47	44	39	36	34	27	26	25	17	17	16	11
3	57	50	45	41	50	45	41	37	34	31	29	24	23	21	15	15	14	10
4	52	45	39	35	46	40	35	32	30	27	25	22	20	19	14	13	12	9
5	48	40	34	30	42	35	31	27	27	24	22	20	18	16	13	12	11	8
6	44	36	30	23	39	32	27	24	25	21	19	18	16	14	12	10	10	7
7	40	32	27	23	36	29	24	21	22	19	17	16	14	12	11	9	8	6
8	37	29	24	20	33	26	21	18	20	17	15	15	13	11	10	8	8	6
9	35	26	21	18	31	24	19	16	18	15	13	14	11	10	9	8	7	5
10	32	24	19	16	29	22	17	14	17	14	12	12	10	9	8	7	6	5

LEVEL WALL

TYPE _____
PROJECT _____

PHOTOMETRICS

LEW-2T528



CANDELA DISTRIBUTION

	0	45	90
0	307.4	307.4	307.4
5	306.3	305.8	307.4
15	307.9	302.7	297.5
25	298.0	287.0	270.4
35	266.7	251.1	226.1
45	212.0	196.4	168.3
55	132.8	121.4	102.6
65	28.7	28.7	27.1
75	2.1	3.1	2.6
85	0.0	6.3	0.0
95	119.3	125.5	30.7
105	589.2	448.0	155.8
115	743.9	601.2	319.3
125	830.4	698.1	467.3
135	889.8	774.7	597.5
145	921.6	832.5	706.4
155	931.5	874.7	797.6
165	917.9	889.3	856.4
175	885.6	881.5	883.0
180	883.0	883.0	883.0

LUMINAIRE

Description: Level Wall 2x28w T5
Catalog Number: LEW-4-2T528-120
Efficiency: 82%
Distribution: 16.3% direct, 83.7% indirect

LUMINANCE (Candela/sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	1151	1067	914
55	889	713	687
65	261	261	246
75	31	46	39
85	0	159	0

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	246.03	4.7	5.8
0 - 40	401.54	7.7	9.4
0 - 60	656.52	12.6	15.4
0 - 90	694.23	13.4	16.3
90 - 120	1130.76	21.7	26.5
90 - 130	1735.03	33.4	40.6
90 - 150	2839.18	54.6	66.4
90 - 180	3576.06	68.8	83.7
0 - 180	4273.29	82.2	100

ZONAL LUMEN SUMMARY

ZONE	LUMENS
0-10	29.2
10-20	85.41
20-30	131.41
30-40	155.51
40-50	148.83
50-60	106.51
60-70	34.26
70-80	3.96
80-90	2.5
90-100	136.49
100-110	431.27
110-120	563
120-130	604.27
130-140	587.36
140-150	516.79
150-160	401.49
160-170	251.06
170-180	84.33

COEFFICIENTS OF UTILIZATION

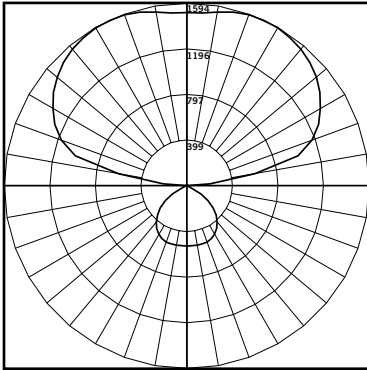
RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	81	81	81	81	72	72	72	72	53	53	53	36	36	36	21	21	21	13
1	74	71	68	66	65	63	60	58	47	45	44	32	31	31	19	18	18	12
2	68	62	58	54	60	55	51	48	41	39	37	29	27	26	17	16	16	10
3	62	55	49	45	54	49	44	40	37	34	31	25	24	22	15	14	13	9
4	57	49	43	38	50	43	38	34	32	29	26	23	21	19	14	13	12	8
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9	38	28	23	19	33	25	20	17	19	16	13	14	12	10	9	7	6	5
10	35	26	20	17	31	23	18	15	18	14	12	13	10	9	8	7	6	4

LEVEL WALL

TYPE _____
PROJECT _____

PHOTOMETRICS

LEW-2T554



CANDELA DISTRIBUTION

	0	45	90
0	526.1	526.1	526.1
5	524.3	523.4	526.1
15	527.0	518.0	509.1
25	510.0	491.3	462.8
35	456.5	429.8	387.0
45	362.9	336.1	288.0
55	227.4	207.8	175.7
65	49.0	49.0	46.4
75	3.6	5.3	4.5
85	0.0	6.2	0.0
95	204.2	214.9	52.6
105	1008.4	766.8	266.6
115	1273.3	1028.9	546.6
125	14221.3	1194.8	799.8
135	1522.9	1325.9	1022.7
145	1577.3	1424.8	1209.1
155	1594.2	1497.1	1365.1
165	1571.1	1522.0	1465.8
175	1515.8	1508.6	1511.3
180	1511.3	1511.3	1511.3

LUMINAIRE

Description: Level Wall 2x54w T5HO
Catalog Number: LEW-4-2T554-120
Efficiency: 82%
Distribution: 16.3% direct, 83.7% indirect

LUMINANCE (Candela/sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	2455	2274	1948
55	1897	1733	1465
65	555	555	525
75	67	98	83
85	0	340	0

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	421.09	4.7	5.8
0 - 40	687.24	7.7	9.4
0 - 60	1123.64	12.6	15.4
0 - 90	1193.35	13.4	16.3
90 - 120	1935.37	21.7	26.5
90 - 130	2969.61	33.4	40.6
90 - 150	4859.4	54.6	66.4
90 - 180	6120.6	68.8	83.7
0 - 180	7313.95	82.2	100

ZONAL LUMEN SUMMARY

ZONE	LUMENS
0-10	49.99
10-20	146.19
20-30	224.91
30-40	266.15
40-50	254.72
50-60	181.68
60-70	58.64
70-80	6.77
80-90	4.31
90-100	233.65
100-110	738.14
110-120	963.58
120-130	1034.24
130-140	1005.3
140-150	84.5
150-160	687.16
160-170	429.7
170-180	144.34

COEFFICIENTS OF UTILIZATION

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	81	81	81	81	72	72	72	72	53	53	53	36	36	36	21	21	21	13
1	74	71	68	66	65	63	60	58	47	45	44	32	31	31	19	18	18	12
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3	62	55	49	45	54	49	44	40	37	34	31	25	24	22	15	14	13	9
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6	48	39	33	28	42	34	29	25	26	22	20	18	16	14	11	10	9	6
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