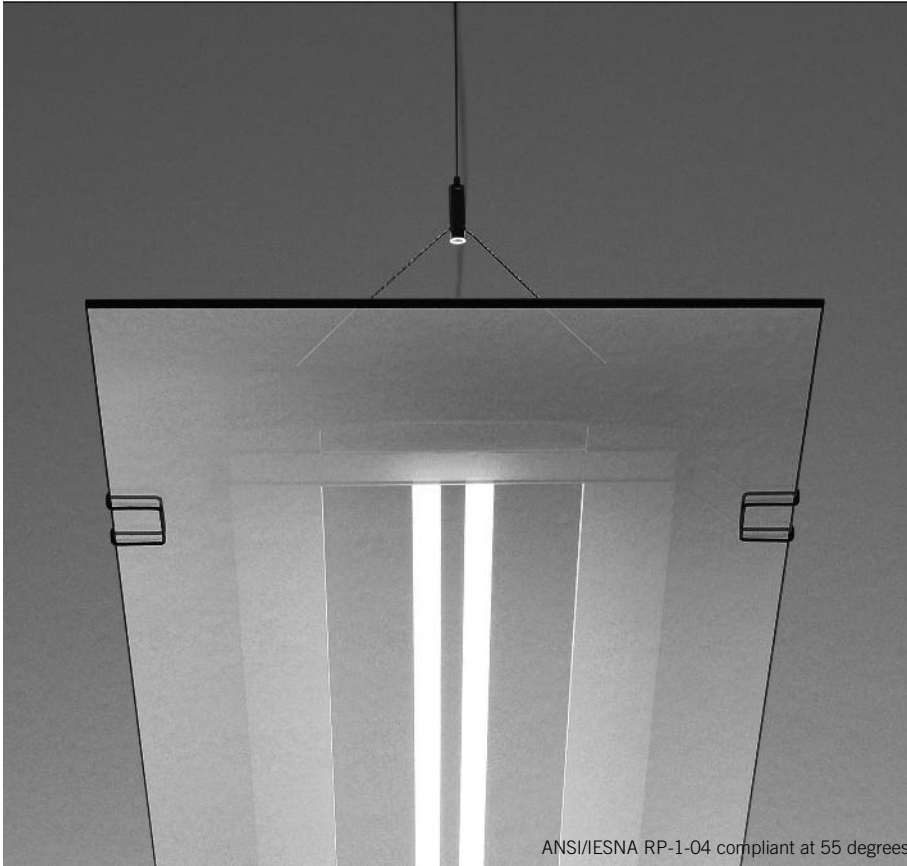


BLUEMOTION LIGHTSCREEN



LINEAR



ANSI/IESNA RP-1-04 compliant at 55 degrees
concept of system + design
hartmut s. engel designstudio

Catalog Number

FIXTURE

BLM-LS – BLUemotion LS glass

LAMPING (in cross section)

1T528 – (1) 28W T5
2T528 – (2) 28W T5
3T528 – (3) 28W T5
1T554 – (1) 54W T5 high output
2T554 – (2) 54W T5 high output
3T554 – (3) 54W T5 high output

VOLTAGE

120 – 120 Volt
277 – 277 Volt

OPTIONS

DIM – Electronic dimming
EM – Emergency battery pack
FUS – Fusing
SC – Separate switching (2 or 3 lamp only)
EMC – Emergency circuit

EXAMPLE: BLM-LS-2T554-120

Specifications

CONSTRUCTION

Fixture body constructed of extruded aluminum. Endcaps constructed of die-cast aluminum.

FINISH

Fixture finished in silver polyester powdercoat, RAL 9006.

SHIELDING

Lamps are shielded by suspended low-transmission glass plane, clipped to the fixture extrusion (see reverse for detail).

ELECTRICAL

Specify 120 or 277 volt. Fixture and all electrical components are U.L./C.U.L. damp location listed. Supplied with internal electronic ballast. Dimming, emergency battery pack, fusing and separate switching may be specified. If three-lamp fixture is specified

with separate switching, switching will be inboard/outboard.

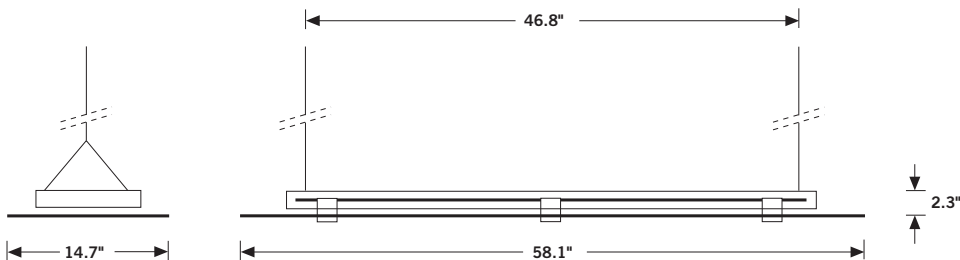
LAMPING

Choice of (1), (2) or (3) 28 watt T5 or 54 watt T5 high output fluorescent lamps. Lamp(s) not included.

MOUNTING

Fixtures are supplied with 72" fully adjustable aircraft cable.

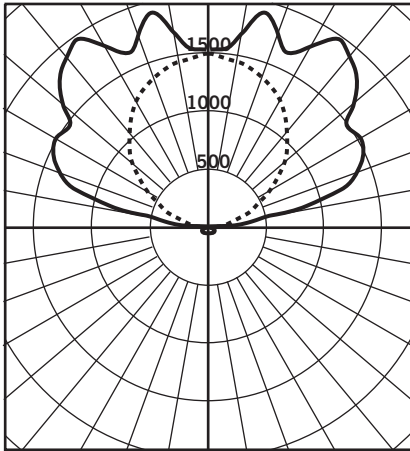
Dimensions



BLUEMOTION LIGHTSCREEN



Photometrics



CANDELA DISTRIBUTION

	0	45	90
0	27	27	27
5	26	27	27
15	26	26	26
25	32	26	24
35	34	31	23
45	38	32	23
55	41	32	22
65	44	34	20
75	29	28	15
85	32	18	9
95	216	232	80
105	1066	908	282
115	1473	1050	513
125	1492	1368	747
135	1822	1619	967
145	1989	1451	1161
155	1640	1452	1316
165	1926	1646	1424
175	1532	1506	1480
180	1487	1487	1487

LUMINAIRE

Description: BLUemotion Light Screen with (2) 54 watt T5 high output lamps

Catalog Number: BLM-LS-2T554-120

Efficiency: 68.2%

Distribution: 98% indirect, 2% direct
ANSI/IESNA RP-1-04 compliant at 55 degrees

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	22.6	0.2	0.3
0 - 40	41.1	0.4	0.6
0 - 60	93.8	0.9	1.4
60 - 90	77.2	0.8	1.1
0 - 90	171.0	1.7	2.5
90 - 180	6646.7	66.5	97.5
0 - 180	6817.6	68.2	100

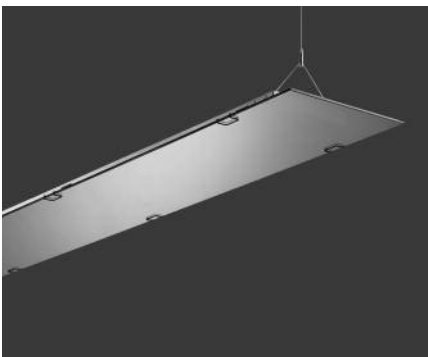
LUMINANCE (Candela / sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	91	77	56
55	121	94	66
65	169	133	83
75	173	170	98
85	447	256	155

COEFFICIENTS OF UTILIZATION

PCC PW RCR	80				70				50			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	10
0	.65	.65	.65	.65	.56	.56	.56	.56	.39	.39	.39	.09	.09	.09	.02
1	.59	.57	.54	.52	.51	.49	.47	.45	.34	.32	.31	.07	.07	.07	.01
2	.54	.49	.45	.42	.46	.42	.39	.37	.29	.27	.26	.06	.06	.06	.01
3	.49	.43	.39	.35	.42	.37	.33	.30	.26	.23	.21	.06	.05	.05	.01
4	.45	.38	.33	.29	.38	.33	.29	.25	.23	.20	.18	.05	.04	.04	.01
5	.41	.34	.29	.25	.35	.29	.25	.22	.20	.17	.15	.04	.04	.03	.00
6	.37	.30	.25	.21	.32	.26	.22	.18	.18	.15	.13	.04	.03	.03	.00
7	.34	.27	.22	.18	.29	.23	.19	.16	.16	.13	.11	.04	.03	.03	.00
8	.32	.24	.19	.16	.27	.21	.17	.14	.15	.12	.10	.03	.03	.02	.00
9	.29	.22	.17	.14	.25	.19	.15	.12	.13	.11	.09	.03	.02	.02	.00

Details



LIGHT SCREEN OPTIC.

Light Screen Optic comprised of a sepia-toned multi-layer glass pane with partially reflective coating. When luminaire is turned off, the lamp(s) are invisible.

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

Energie LLC, 15000 W. 6th Avenue, Ste. 202A, Golden, CO 80401 Tel 720 963 8055 Fax 720 963 8044 www.energielighting.com

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