

BLUEMOTION FABRIC SHIELD

TRILUX

LINEAR



concept of system + design
hartmut s. engel designstudio

FIXTURE

BLM-FS – BLUemotion Fabric Shield

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-FS-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 fabric shield, made of translucent polyester foil with a

structured diffusing paper. Fabric shield is stretched over steel piping which attaches to the fixture.

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 wiring may be specified. If three-lamp fixture is specified

with separate switching, switching will be inboard/outboard.

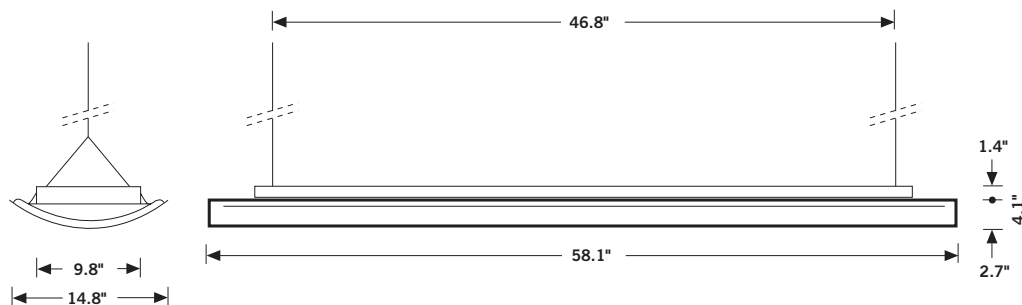
LAMPING

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.

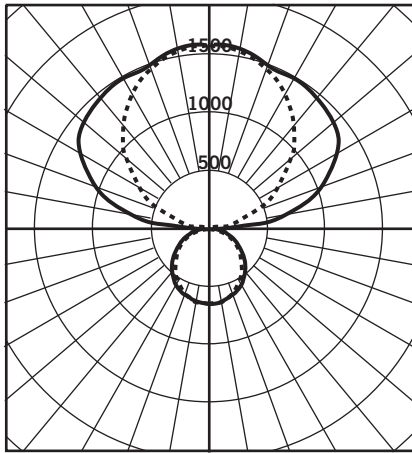
Dimensions



BLUEMOTION FABRIC SHIELD



Photometrics



CANDELA DISTRIBUTION

	0	45	90
0	652	652	652
5	649	649	649
15	627	625	622
25	590	577	569
35	528	515	498
45	450	432	413
55	358	339	319
65	262	242	224
75	178	153	138
85	110	84	62
95	309	284	95
105	871	683	310
115	1145	958	554
125	1374	1120	802
135	1446	1227	1035
145	1473	1333	1240
155	1492	1418	1405
165	1554	1506	1519
175	1581	1580	1578
180	1586	1586	1586

LUMINAIRE

Description: BLUemotion Fabric Shield with (2) 54 watt T5 high output lamps

Catalog Number: BLM-FS-2T554-120

Efficiency: 78.1%

Distribution: 75% indirect, 25% direct

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	503.9	5.0	6.5
0 - 40	824.6	8.2	10.6
0 - 60	1459.9	14.6	18.7
60 - 90	500.5	5.0	6.4
0 - 90	1960.4	19.6	25.1
90 - 180	5845.1	58.5	74.9
0 - 180	7805.5	78.1	100

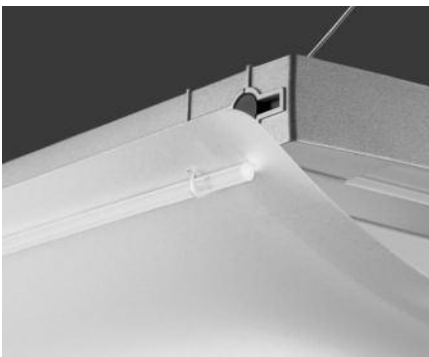
LUMINANCE (Candela / sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	948	927	985
55	872	845	921
65	786	750	852
75	721	649	799
85	717	593	813

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	.79	.79	.79	.79	.70	.70	.70	.70	.54	.54	.54	.26	.26	.26	.20
1	.72	.68	.65	.62	.64	.61	.58	.56	.47	.45	.44	.22	.22	.21	.16
2	.65	.59	.55	.51	.58	.53	.49	.46	.41	.38	.36	.20	.19	.18	.13
3	.59	.52	.46	.42	.52	.46	.42	.38	.36	.33	.30	.17	.16	.15	.11
4	.54	.46	.40	.35	.48	.41	.36	.32	.32	.28	.25	.15	.14	.13	.09
5	.50	.41	.35	.30	.44	.36	.31	.27	.28	.25	.22	.14	.12	.11	.08
6	.45	.36	.30	.26	.40	.33	.27	.23	.25	.22	.19	.12	.11	.10	.07
7	.42	.33	.27	.22	.37	.29	.24	.20	.23	.19	.16	.11	.10	.08	.06
8	.39	.30	.24	.20	.34	.27	.21	.18	.21	.17	.14	.10	.09	.08	.06
9	.36	.27	.21	.17	.32	.24	.19	.16	.19	.15	.13	.09	.08	.07	.05

Details



FABRIC SHIELD

The Fabric Shield diffuser features a yellow lateral light conductor, which glows from the light produced by the fixture.

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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