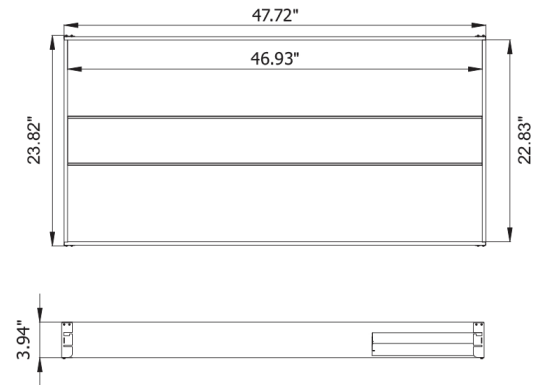


TROFFER

2'x4' LED TROFFER

SPECIFICATIONS:

Wattage	7500 lm
Delivered Light Output	100-277 VAC
Input Voltage	116 LPW
Efficiency	DC36V 1A
Diver Output	Ra>80
CRI	3500K, 4000K, 5000K
DLC CCT Options	50.000 hours
Lamp Life	L 47.7" x W 23.8" x H 3.9"
Dimensions	DIVA-DVTV(LUTRON)
Recommended Dimmers	NOVA T NTSTV-DV(LUTRON) IP710-DL(LUTRON)



MODEL #	CCT
LB76410	3500K
LB76411	4000K
LB76412	5000K

PRODUCT FEATURES:

- Steel, commercial quality paint coating.
- Bigger size MCPCB for better thermal management, by separating dissipation to reduce the weight of the lamp heat sinking.
- IP Rating: IP20
- Central lens door enables convenience of PCBA's replacing.
- High optical grade lens providing good efficiency and impact resistance.
- With double diffusion material, surface brightness even.
- Optional Function: Motion Sensor Available



186 Van Dyke Street - Brooklyn, NY 11231
www.lightblueusa.com 718-475-2515

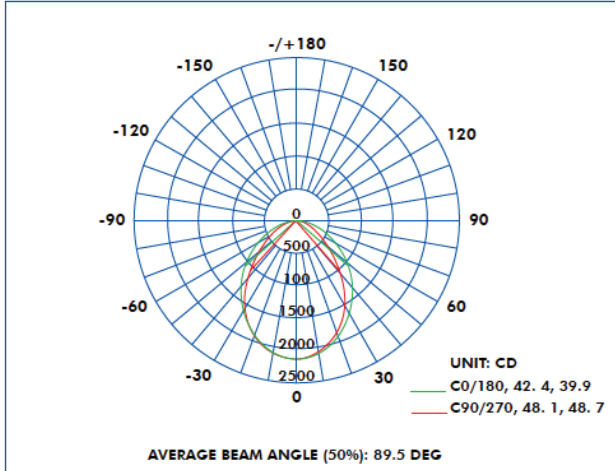


2'x4' LED TROFFER

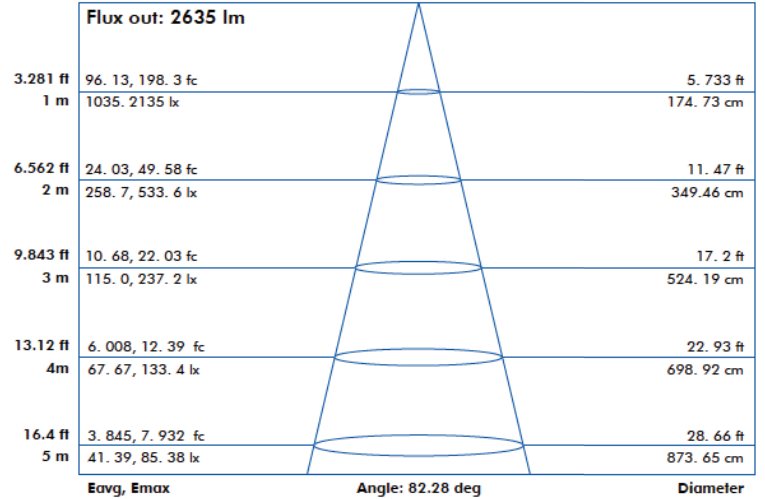
PHOTOMETRY

Fixture photometry has been conducted accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Result may vary per actual order.

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE ILLUMINANCE CURVE



Note: The Curves indicate the illuminated area and average illumination when the luminaire is at different distance.

ZONAL FLUX DIAGRAM

Y	C0	C45	C90	C135	C180	C225	C270	C315
10	2049	2060	2074	2082	2088	2080	2067	2056
20	1842	1881	1905	1915	1912	1906	1885	1867
30	1495	1591	1654	1654	1601	1630	1627	1580
40	1063	1221	1350	1306	1175	1277	1325	1218
50	663.0	841.1	1024	922.9	749.1	892.9	1004	843.1
60	387.1	512.9	700.7	578.3	445.9	552.0	684.5	518.
70	208.6	253.9	401.3	300.9	251.7	282.4	386.3	254.9
80	63.07	77.62	143.5	104.4	97.58	95.02	131.2	74.11
90	0	0	0.1430	0.7476	1.267	0	0.0546	0

DEG LUMINOUS INTENSITY: CD

ZONAL LUMEN SUMMARY

T	φ ZONE	φ TOTAL	% LUM, LAMP
0 - 10	200.5	200.5	4.4
10 - 20	560.7	761.2	16.7
20 - 30	808.2	1569	34.4
30 - 40	892.7	2462	54
40 - 50	813.0	3275	71.8
50 - 60	628.1	3903	85.6
60 - 70	410.9	4314	84.6
70 - 80	202.6	4517	99
80 - 90	41.70	4558	100

UNIT: lm

COEFFICIENTS OF UTILIZATION

ppf	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR: Room Cavity Ratio (CU)															
0.0	119	119	119	116	119	116	111	111	111	106	106	106	102	106	102	100
1.0	106	102	99	104	102	97	100	97	94	96	93	91	92	93	88	86
2.0	94	88	82	93	88	81	89	85	80	85	81	78	82	81	76	74
3.0	83	76	70	83	76	69	80	75	68	76	71	67	74	71	66	64
4.0	75	67	60	75	67	60	73	66	59	69	63	58	67	63	58	56
5.0	67	59	53	68	59	53	66	59	52	62	56	51	60	56	51	49
6.0	61	53	47	62	53	47	60	54	46	57	51	46	55	51	45	43
7.0	56	48	42	57	48	42	56	49	41	52	46	41	51	46	41	39
8.0	51	43	38	53	43	37	51	45	37	48	42	37	47	42	37	35
9.0	47	39	34	49	39	34	48	41	34	44	38	34	43	38	34	32
10.0	44	36	31	45	36	31	44	38	31	41	35	31	40	35	31	29