



**WET LOCATION LUMINAIRE
FEATURES & SPECIFICATIONS**

IP65/67

A small profile enclosed and gasketed wet location T5 HO fluorescent commercial/industrial luminaire designed for maximum performance with minimum energy use. With near tool-less design the MONSOON™ is ready to install right out of the box – even the lamps come pre-installed. Multi-volt ballasts take the guesswork out of what to stock. Rated at 93 L/W (54 watt lamp).

UL/CUL Listed. NSF Certified. IP65/67 wet location rated. MADE IN USA.

Housing

One-piece compression-molded unsaturated polyester/fiberglass housing with (8) three-piece polycarbonate latches. Seamless continuously bonded poured-in-place neoprene gasketing. Ballast/component tray attaches to fixture body with pinch-release clips. 1/2" conduit entry hole in each end of housing with weather tight plugs.

Electrical

Ballasts are CBM certified HPF electronic programmed start, 0.99 power factor, <10% THD, UL/CSA listed, Type 1 Class P. Lamp holders are positive-lock, captive rotor type.

Optics

High reflectance component tray reflector. Impact-modified DIRA acrylic linear ribbed lens with smooth exterior face for ease of cleaning. Nominal 10% uplight component.

Mounting

Fixture provided with a pair Quick Clip™ stainless steel snap-on mounting brackets that accept #12 S-hook & chain or 1/4" threaded rod as well as allow surface mounting without violating watertight integrity. Other mounting options available.

Shipping

Shipped assembled & fully tested in Protective Job Pack.

CATALOG NUMBER LOGIC:

FIXTURE MODEL	FIXTURE LENGTH	LAMP WATTS	LAMP COLOR TEMP.	BALLAST	OPTIONS
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BALLAST AND OPTIONS DESCRIPTIONS:

MODEL:

MON3 = MONSOON™ 3 LAMP PROFILE

LENGTH:

- 2 = 2 FEET NOMINAL (3 LAMP TOTAL)
- 4 = 4 FEET NOMINAL (3 LAMP TOTAL)
- 8 = 8 FEET NOMINAL (6 LAMP TOTAL)

LAMP WATTAGE:

- 24 = 2' (NOM.) 24W HO (2000 LUMENS)
- 54 = 4' & 8' (NOM.) 54W HO (5000 LUMENS)
- 28 = 4' & 8' (NOM.) 28W HE (2900 LUMENS)

COLOR TEMPERATURE (LAMP):

- 30 = 3000 K 50 = 5000 k
- 35 = 3500 K 65 = 6500 K
- 41 = 4100 K XX = NO LAMPS

BALLAST:

- MV = MULTI-VOLTAGE (120V to 277V, 50/60 Hz)
- D3 = DEDICATED 347V
- D4 = DEDICATED 480V
- DM = DIMMING BALLAST (Specify manufacturer & model)

MOUNTING:

- * SPECIFY LENGTH OF DROP IN FEET
- ACC* = Aircraft cable suspension kit with bolt-on gripper (fits mtg. clips)
- ACP* = Powered aircraft cable kit, one circuit, bolt-on gripper (fits mtg. clips)
- ACPB* = Powered aircraft cable kit, two circuits, bolt-on gripper (fits mtg. clips)
- SC = Safety Cable, adjustable Gripple #2, 10' length

OPTIONS:

- *SPECIFY LENGTH OF DROP IN FEET
- LP = CLEAR POLYCARBONATE LENS
- LAE = ETCHED DIRA ACRILIC LENS
- CS* = CORDSET, 16/3, BLACK INSTALLED (INCLUDES WATERTIGHT FITTING)
- CT* = CORDSET, 16/4, BLACK INSTALLED (INCLUDES WATERTIGHT FITTING)
- CU* = CORDSET, 16/5, BLACK INSTALLED (INCLUDES WATERTIGHT FITTING)
- OS = OCCUPANCY SENSOR, FIXTURE MOUNTED (SPECIFY DISTRIBUTION)
- PC = PHOTOCELL, FIXTURE MOUNTED (SHIPS INSTALLED)
- GLR = GLR IN-LINE FUSING - INSTALLED (SPECIFY VOLTAGE AND AMPERATE)
- HS2 = STAINLESS STEEL LATCH SET, 2' MODEL (SET OF 4 EACH)
- HS4 = STAINLESS STEEL LATCH SET, 4' MODEL (SET OF 8 EACH)
- HS8 = STAINLESS STEEL LATCH SET, 8' MODEL (SET OF 14 EACH)
- EM = EMERGENCY BATTERY BALLAST
- EMT = EMERGENCY BATTERY BALLAST, SELF-TESTING

Project	
Fixture Type	
Catalog #	
Distrib/Cont	
Date:	Prepared By:

MONSOON™ Series

MON3™

PATENT PENDING



Dimensions

- 2' FIXTURE: 6.77"W x 4.13"H x 27.7"L
- 4' FIXTURE: 6.77"W x 4.13"H x 51.25"L
- 8' FIXTURE: 6.77"W x 4.13"H x 100.0"L

Weight

- 5 lbs. 8 oz.
- 10 lbs. 2 oz.
- 19 lbs. 2 oz.

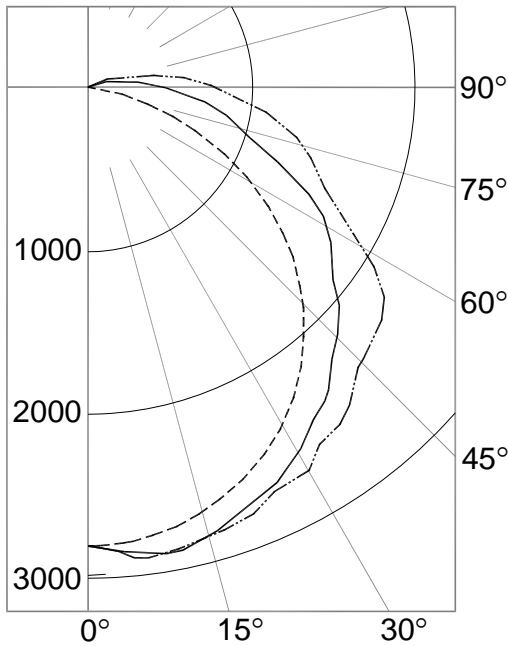


MONSOON™ Series
MON3™

PHOTOMETRIC TEST REPORT:

REPORT NUMBER: 1TL52091
CATALOG NO.: MON3-4-54-35-MV-XX
TOTAL INPUT WATTS: 161.4
FIXTURE EFFICIENCY: AT 5000 LUMENS – 68.0%
AT 4450 LUMENS – 70.7%

DISTRIBUTION CURVE



LEGEND 0-deg: - - - - -
45-deg: _____
90-deg: - · - · - · -



CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	2633	2633	2633	2633	2633
5	2625	2653	2674	2663	2668
15	2526	2614	2685	2714	2729
25	2345	2486	2600	2645	2647
35	2078	2253	2352	2420	2433
45	1698	1906	2023	2100	2123
55	1280	1476	1613	1782	1832
65	796	983	1235	1364	1402
75	323	553	818	1039	1104
85	31	255	482	662	714
90	16	134	335	495	551
95	18	68	224	338	397
105	4	8	89	157	177
115	0	0	28	66	81
125	0	0	2	19	30
135	0	0	0	3	6
145	0	0	0	0	0
155	0	0	0	0	0

LUMINANCE DATA (CD/SQ. M)

	0-DEG	45-DEG	90-DEG
45	10663	10833	10884
55	9772	9905	10621
65	8060	9216	9691
75	5085	8092	9818
85	1176	7404	9294

ZONAL LUMEN SUMMARY (@ 5000 LUMENS PER LAMP)

ZONE	LUM.	%LAMP	%FIXT
0 - 30	2188	14.6	23.1
0 - 40	3638	24.3	38.4
0 - 60	6608	44.1	69.8
0 - 90	9086	60.6	96.0
90 - 120	368	2.5	3.9
90 - 130	380	2.5	4.0
90 - 150	380	2.5	4.0
90 - 180	380	2.5	4.0
0 - 180	9465	63.1	100.0

COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

RF	20	20	20	20	20	20
RC	80	70	50	30	10	0
RW	70 50 30 10	70 50 30 10	50 30 10	50 30 10	50 30 10	0
0	75 75 75 75	72 72 72 72	69 69 69	65 65 65	62 62 62	61
1	67 63 60 58	65 62 59 56	59 56 54	56 54 52	49 49 49	49
2	60 55 50 46	59 53 49 45	51 47 44	48 45 42	40 40 40	40
3	55 48 42 38	53 47 41 37	44 40 36	42 38 35	33 33 33	33
4	50 42 36 32	48 41 36 31	39 34 31	37 33 30	28 28 28	28
5	46 37 32 27	44 37 31 27	35 30 26	33 29 26	24 24 24	24
6	42 34 28 24	41 33 27 23	31 27 23	30 26 23	21 21 21	21
7	39 30 25 21	38 30 24 21	29 24 20	27 23 20	18 18 18	18
8	36 28 22 18	35 27 22 18	36 21 18	25 21 18	16 16 16	16
9	34 25 20 16	33 25 20 16	24 19 16	23 19 16	14 14 14	14
10	32 23 18 15	31 23 18 15	22 18 15	21 17 14	13 13 13	13

WARRANTY: The Light Edge, Inc. warrants the MONSOON™ to be free from defects in material and workmanship for 2 years from date of purchase, exclusive of lamps, ballasts, and optional electrical devices. Refer to website for complete warranty information.