



UL LLC
1075 W Lambert Rd Suite B
Brea, CA 92821

Indoor Distribution Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-2002

Prepared For
Tempo Industries Inc

1961 McGaw Ave
Irvine, CA 92614
United States

Catalog Number
C6RX00-12-305012-UNVE10-S35S-NA

Order Number

11870572

Test Number

11870572.05

Test Date

2017-07-19

Prepared By

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Approved By

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The results contained in this report pertain only to the tested sample.
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Luminaire Description: Formed brown metal housing with clear lens
Lamp: Six (6) white LEDs with optics below each
Mounting: Surface – Ceiling
Ballast/Driver: One (1) Magtech M18-U36-0500 (ELV)

Luminaire



Luminaire Characteristics

Luminous Length: 1.50 in.
Luminous Width: 11.50 in.

Summary of Results

Total Luminaire Output:	694.1 Lumens
Luminaire Efficacy:	70.6 lm/w
Maximum Candela:	1664 Candela

Test Conditions

Test Temperature:	25.5 °C
Voltage:	120.1 VAC
Current:	0.08238 A
Power:	9.838 W
Power Factor:	0.995
Frequency:	60 Hz
Current THD:	8.16 %

Laboratory results may not be representative of field performance
Ballast factors have not been applied



Distribution - Goniophotometer

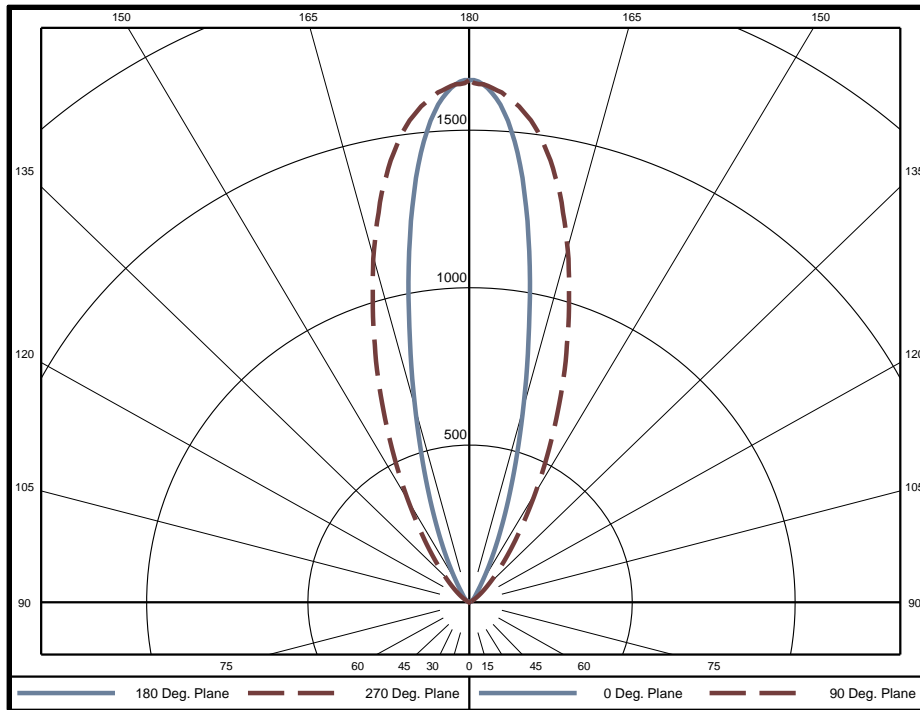
Distribution Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.5 °C	120.1 VAC	0.08238 A	9.838 W	0.995	60 Hz	8.16 %

Summary of Results

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Polar Plot



Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	0	0.0%	60-65	0	0.0%	120-125	6.4	0.9%
5-10	0	0.0%	65-70	0	0.0%	125-130	10.0	1.4%
10-15	0	0.0%	70-75	0	0.0%	130-135	14.8	2.1%
15-20	0	0.0%	75-80	0	0.0%	135-140	21.9	3.2%
20-25	0	0.0%	80-85	0	0.0%	140-145	32.5	4.7%
25-30	0	0.0%	85-90	0	0.0%	145-150	48.7	7.0%
30-35	0	0.0%	90-95	0.0	0.0%	150-155	71.3	10.3%
35-40	0	0.0%	95-100	0.1	0.0%	155-160	97.5	14.0%
40-45	0	0.0%	100-105	0.3	0.0%	160-165	119.9	17.3%
45-50	0	0.0%	105-110	0.7	0.1%	165-170	126.1	18.2%
50-55	0	0.0%	110-115	1.6	0.2%	170-175	100.4	14.5%
55-60	0	0.0%	115-120	3.5	0.5%	175-180	38.4	5.5%

Zone	Lumens	% of Luminaire
0-40	0	0.0%
0-60	0	0.0%
0-90	0	0.0%
90-180	694	100.0%



Candela Tabulation
Horizontal Angle (Degrees)

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0
105	0	0	0	2	2	2	0	0	0	0	0	2	2	2	0	0
110	0	0	2	3	4	3	2	0	0	0	2	3	4	3	2	0
115	1	2	6	6	6	6	6	2	1	2	6	6	6	6	6	2
120	7	8	10	12	13	12	10	8	7	8	10	12	13	12	10	8
125	12	13	16	24	27	24	16	13	12	13	16	24	27	24	16	13
130	17	18	23	40	52	40	23	18	17	18	23	40	52	40	23	18
135	24	24	36	67	91	67	36	24	24	24	36	67	91	67	36	24
140	32	35	60	112	153	112	60	35	32	35	60	112	153	112	60	35
145	50	60	104	187	253	187	104	60	50	60	104	187	253	187	104	60
150	96	114	184	312	405	312	184	114	96	114	184	312	405	312	184	114
155	193	222	319	509	616	509	319	222	193	222	319	509	616	509	319	222
160	368	409	541	782	871	782	541	409	368	409	541	782	871	782	541	409
165	656	706	873	1095	1160	1095	873	706	656	706	873	1095	1160	1095	873	706
170	1083	1130	1258	1390	1426	1390	1258	1130	1083	1130	1258	1390	1426	1390	1258	1130
175	1503	1515	1558	1595	1593	1595	1558	1515	1503	1515	1558	1595	1593	1595	1558	1515
180	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660

Vertical Angle (Degrees)



Utilization of Lumens - Zonal Cavity Method

Effective Floor Cavity Reflectance 20%

Ceiling Cavity Reflectance	80				70				50			30			10			0
Wall Reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio (RCR)	** Values are expressed as Lumens delivered to the task surface **																	
0	661	661	661	661	565	565	565	565	386	386	386	222	222	222	71	71	71	0
1	601	573	548	526	513	491	471	453	336	324	313	193	187	182	62	60	59	0
2	547	500	461	428	465	428	397	370	293	275	258	169	160	151	54	52	49	0
3	498	438	392	355	423	376	338	308	258	235	216	149	137	127	48	45	42	0
4	454	386	336	298	386	331	291	259	228	202	182	132	119	108	42	39	35	0
5	415	342	290	252	353	293	251	220	202	175	155	117	103	92	38	34	30	0
6	380	304	253	216	323	261	219	188	180	153	133	105	90	79	34	29	26	0
7	350	272	222	186	298	234	192	163	162	135	115	94	79	69	30	26	23	0
8	323	245	196	162	275	211	170	141	146	119	100	85	70	60	27	23	20	0
9	299	221	174	142	255	191	151	124	132	106	88	77	63	52	25	21	17	0
10	278	201	155	125	236	173	135	109	120	95	77	70	56	46	23	18	15	0