



Technical Description	
Designation	Catalog Number: MLINF14RF4400EA840DU-Wings Only
Manufacturers	Zumtobel Lighting, Inc, 3300 Route 9W, Highland, NY 12528, USA
Total lamp lumens	2261 lm
Input watts	25.0 W
Symmetry	C0-C90

Coefficients of Utilization														
Ceiling	80				70				50			30		
Walls	70	50	30	10	70	50	30	10	50	30	10	50	30	10
RCR	Effective Floor Cavity Reflectance = 20%								Spacing Criteria (along, across, 45°) = 1.2, 1.2, 1.4					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106
1	86	72	59	47	82	69	57	46	63	53	44	59	50	42
2	79	63	49	38	75	60	48	38	56	46	37	52	43	35
3	72	55	42	32	69	53	41	32	50	39	31	47	38	30
4	66	49	37	27	63	48	36	27	45	34	26	42	33	26
5	61	44	32	23	59	43	32	23	40	30	23	38	29	22
6	57	40	29	20	54	39	28	20	37	27	20	35	26	20
7	53	36	26	18	51	35	25	18	34	24	18	32	24	18
8	49	33	23	16	47	32	23	16	31	22	16	30	22	16
9	46	31	21	15	44	30	21	15	29	20	14	27	20	14
10	43	28	19	13	42	28	19	13	27	19	13	26	18	13

Luminances							
	C0	C15	C30	C45	C60	C75	C90
55.0°	2219	2210	2189	2164	2139	2119	2109
60.0°	2131	2122	2111	2096	2067	2047	2040
65.0°	2028	2013	2009	2017	1993	1974	1965
70.0°	1889	1887	1897	1924	1903	1885	1874
75.0°	1703	1727	1764	1808	1786	1770	1763
80.0°	1448	1516	1589	1665	1654	1645	1638
85.0°	1096	1217	1366	1532	1516	1506	1503
90.0°	-	-	-	-	-	-	-

Luminances in cd/m<sup>2</sup> based on 2261 lm

Candela distribution							
	0	15	30	45	60	75	90
0.0°	826.9	826.9	826.9	826.9	826.9	826.9	826.9
10.0°	809.5	811.4	810.4	806.7	805.0	803.1	801.0
20.0°	764.9	764.4	761.4	756.6	752.9	749.6	746.7
30.0°	693.5	690.5	685.9	680.3	682.6	681.4	676.7
40.0°	596.8	593.0	589.5	586.0	578.3	572.2	568.8
50.0°	476.7	473.9	467.9	460.2	455.9	452.2	449.2
60.0°	341.8	340.4	338.5	336.2	331.5	328.3	327.3
70.0°	207.2	207.0	208.1	211.1	208.7	206.8	205.6
80.0°	80.6	84.5	88.5	92.7	92.1	91.6	91.2
90.0°	0.0	0.2	0.4	0.6	0.8	1.0	1.0
100.0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intensities in cd based on 2261 lm