



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : DLE 56 HI 12 WB 830.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] 02082019

[TESTLAB] Ningbo TengLi Testing Co., Ltd

[TESTDATE] 02 August 2019

[ISSUEDATE] 2019-08-02 15:56:25

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000\_V2 SYSTEM

[MANUFAC] LumenFocus, LLC.

[LUMCAT] DLE 56 HI 12 WB 830

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
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[OTHER]	0- 10	62.31	62.31	4.17	4.17
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[OTHER]	10- 20	176.89	239.20	16.01	16.01
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[OTHER]	20- 30	263.58	502.78	33.65	33.65
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[OTHER]	30- 40	308.26	811.05	54.28	54.28
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[OTHER]	40- 50	294.96	1106.00	74.02	74.02
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[OTHER]	50- 60	225.51	1331.52	89.11	89.11
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[OTHER]	60- 70	117.04	1448.56	96.94	96.94
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[OTHER]	70- 80	36.00	1484.56	99.35	99.35
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[OTHER]	80- 90	9.70	1494.26	100.00	100.00
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[OTHER]	90-100	0.00	1494.26	100.00	100.00
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[OTHER]	100-110	0.00	1494.26	100.00	100.00
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[OTHER]	110-120	0.00	1494.26	100.00	100.00
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[OTHER]	120-130	0.00	1494.26	100.00	100.00
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[OTHER]	130-140	0.00	1494.26	100.00	100.00
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[OTHER]	140-150	0.00	1494.26	100.00	100.00
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[OTHER]	150-160	0.00	1494.26	100.00	100.00
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[OTHER]	160-170	0.00	1494.26	100.00	100.00
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[OTHER]	170-180	0.00	1494.26	100.00	100.00
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[OTHER]

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**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1494
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	109
Total Luminaire Watts	13.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.30
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.00 m
Luminous Height	0.00 m

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	239.20	N.A.	16.00
0-30	502.78	N.A.	33.60
0-40	811.05	N.A.	54.30
0-60	1331.52	N.A.	89.10
0-80	1484.56	N.A.	99.40
0-90	1494.26	N.A.	100.00
10-90	1431.95	N.A.	95.80
20-40	571.85	N.A.	38.30
20-50	866.80	N.A.	58.00
40-70	637.51	N.A.	42.70
60-80	153.04	N.A.	10.20
70-80	36.00	N.A.	2.40
80-90	9.70	N.A.	0.60
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1494.26	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	62.31
10-20	176.89
20-30	263.58
30-40	308.27
40-50	294.96
50-60	225.51
60-70	117.04
70-80	36.00
80-90	9.70
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

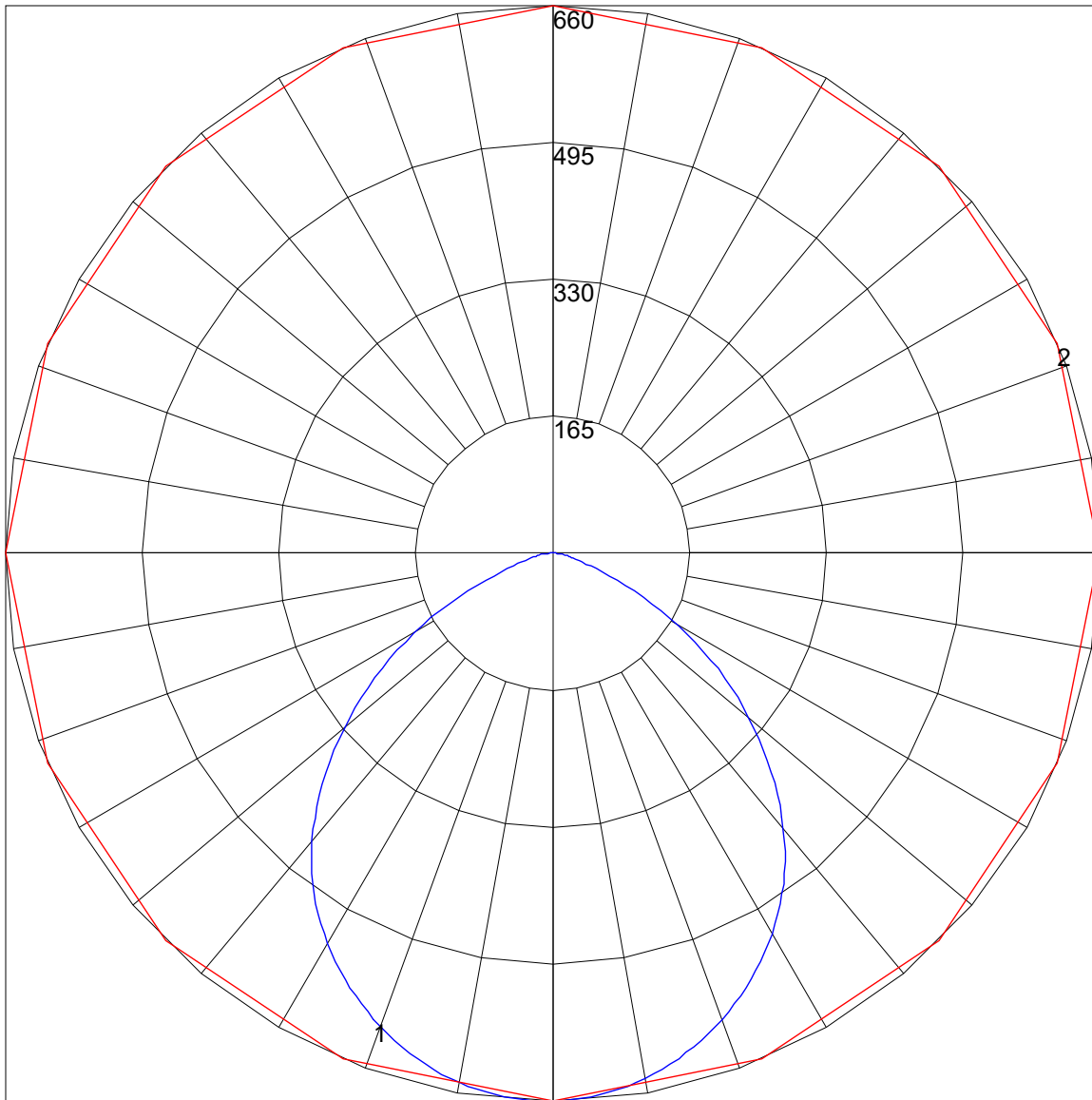
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	103	100	108	104	101	98	100	97	95	96	94	92	93	91	89	87
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
3	94	84	77	71	91	83	76	71	80	74	69	77	72	68	75	71	67	65
4	86	76	68	62	84	74	67	61	72	65	60	70	64	60	68	63	59	57
5	80	68	60	54	78	67	59	53	65	58	53	63	57	52	61	56	52	50
6	74	62	53	47	72	61	53	47	59	52	47	57	51	46	56	50	46	44
7	69	56	48	42	67	55	48	42	54	47	42	52	46	41	51	45	41	39
8	64	51	43	38	63	51	43	38	49	42	38	48	42	37	47	41	37	35
9	60	47	40	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	35	31	29

POLAR GRAPH



Maximum Candela = 660.49 Located At Horizontal Angle = 202.5, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (202.5 - 22.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)