



IES INDOOR REPORT

PHOTOMETRIC FILENAME : FPB 14 SEL(40W) UV FR 8SEL(5000K).IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] Nick

[TESTLAB] Ningbo TengLi Testing Co., Ltd

[TESTDATE] 27 December 2019

[ISSUEDATE] 2019-12-27 15:08:33

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] LumenFocus, LLC.

[LUMINAIRE] FPB 14 SEL(40W) UV FR 8SEL(5000K)

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
---------	------------	--------	--------	------	-------

[OTHER]	0- 10	122.52	122.52	3.20	3.20
---------	-------	--------	--------	------	------

[OTHER]	10- 20	352.08	474.60	12.39	12.39
---------	--------	--------	--------	-------	-------

[OTHER]	20- 30	536.87	1011.47	26.41	26.41
---------	--------	--------	---------	-------	-------

[OTHER]	30- 40	652.34	1663.81	43.44	43.44
---------	--------	--------	---------	-------	-------

[OTHER]	40- 50	682.38	2346.19	61.25	61.25
---------	--------	--------	---------	-------	-------

[OTHER]	50- 60	622.56	2968.75	77.50	77.50
---------	--------	--------	---------	-------	-------

[OTHER]	60- 70	482.48	3451.23	90.10	90.10
---------	--------	--------	---------	-------	-------

[OTHER]	70- 80	289.66	3740.90	97.66	97.66
---------	--------	--------	---------	-------	-------

[OTHER]	80- 90	86.51	3827.41	99.92	99.92
---------	--------	-------	---------	-------	-------

[OTHER]	90-100	0.50	3827.91	99.93	99.93
---------	--------	------	---------	-------	-------

[OTHER]	100-110	0.28	3828.19	99.94	99.94
---------	---------	------	---------	-------	-------

[OTHER]	110-120	0.34	3828.53	99.95	99.95
---------	---------	------	---------	-------	-------

[OTHER]	120-130	0.32	3828.85	99.96	99.96
---------	---------	------	---------	-------	-------

[OTHER]	130-140	0.41	3829.26	99.97	99.97
---------	---------	------	---------	-------	-------

[OTHER]	140-150	0.42	3829.68	99.98	99.98
---------	---------	------	---------	-------	-------

[OTHER]	150-160	0.37	3830.04	99.99	99.99
---------	---------	------	---------	-------	-------

[OTHER]	160-170	0.29	3830.33	100.00	100.00
---------	---------	------	---------	--------	--------

[OTHER]	170-180	0.12	3830.45	100.00	100.00
---------	---------	------	---------	--------	--------

[OTHER]

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 14 SEL(40W) UV FR 8SEL(5000K).IES

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5093
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
Total Luminaire Watts	40
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.95 ft
Luminous Width (90-270)	0.95 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4656	4757	4741
55	4482	4598	4588
65	4207	4323	4338
75	3778	3884	3948
85	2820	2995	3295

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 14 SEL(40W) UV FR 8SEL(5000K).IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	630.98	N.A.	12.40
0-30	1344.75	N.A.	26.40
0-40	2212.04	N.A.	43.40
0-60	3946.96	N.A.	77.50
0-80	4973.53	N.A.	97.70
0-90	5088.55	N.A.	99.90
10-90	4925.66	N.A.	96.70
20-40	1581.06	N.A.	31.00
20-50	2488.29	N.A.	48.90
40-70	2376.39	N.A.	46.70
60-80	1026.57	N.A.	20.20
70-80	385.11	N.A.	7.60
80-90	115.02	N.A.	2.30
90-110	1.04	N.A.	0.00
90-120	1.50	N.A.	0.00
90-130	1.92	N.A.	0.00
90-150	3.02	N.A.	0.10
90-180	4.05	N.A.	0.10
110-180	3.00	N.A.	0.10
0-180	5092.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	162.88
10-20	468.09
20-30	713.77
30-40	867.29
40-50	907.23
50-60	827.70
60-70	641.46
70-80	385.11
80-90	115.02
90-100	0.67
100-110	0.37
110-120	0.45
120-130	0.42
130-140	0.54
140-150	0.55
150-160	0.49
160-170	0.39
170-180	0.16

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 14 SEL(40W) UV FR 8SEL(5000K).IES

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	108	103	99	95	106	101	97	93	97	94	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	81	76	84	79	74	81	76	73	78	74	71	69
3	89	79	70	64	87	77	69	63	74	67	62	71	66	61	69	64	60	58
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	37
7	64	51	42	35	62	50	41	35	48	41	35	47	40	35	45	39	34	32
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

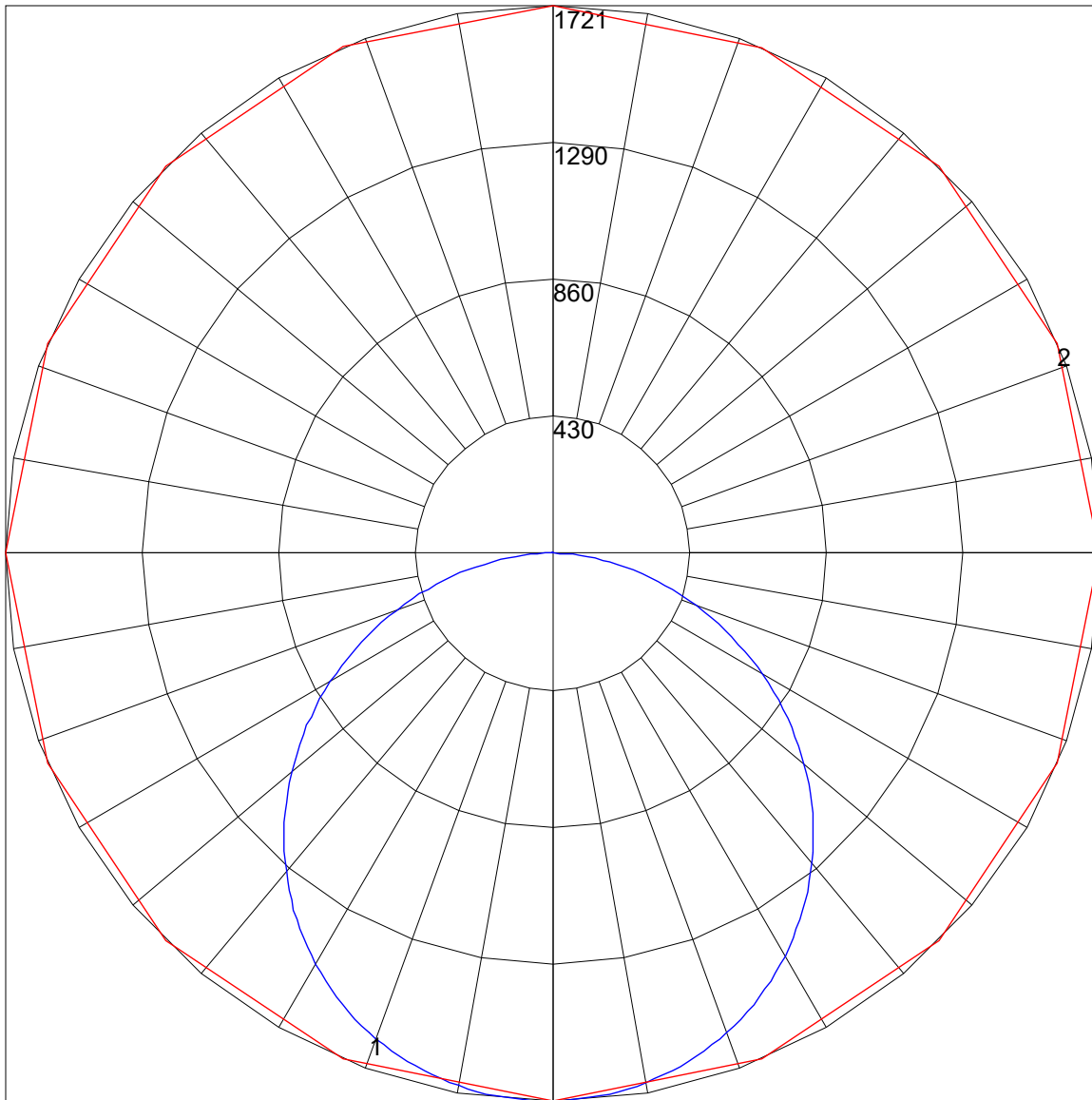
IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 14 SEL(40W) UV FR 8SEL(5000K).IES

UGR TABLE - CORRECTED

Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	17.3	19.0	17.7	19.3	19.6	17.5	19.1	17.8	19.5	19.8
	3H	19.2	20.7	19.6	21.0	21.4	19.4	20.9	19.7	21.2	21.5
	4H	19.9	21.3	20.3	21.6	22.0	20.1	21.5	20.5	21.8	22.2
	6H	20.4	21.7	20.8	22.1	22.5	20.6	22.0	21.1	22.3	22.7
	8H	20.6	21.8	21.0	22.2	22.6	20.8	22.1	21.2	22.5	22.9
	12H	20.7	21.9	21.1	22.3	22.7	21.0	22.2	21.4	22.5	23.0
4H	2H	18.0	19.5	18.4	19.8	20.2	18.2	19.6	18.6	19.9	20.3
	3H	20.1	21.3	20.5	21.7	22.1	20.3	21.5	20.7	21.9	22.3
	4H	20.9	22.0	21.4	22.4	22.9	21.1	22.2	21.6	22.6	23.1
	6H	21.6	22.5	22.0	23.0	23.4	21.8	22.8	22.3	23.2	23.7
	8H	21.8	22.7	22.3	23.1	23.6	22.0	22.9	22.5	23.4	23.8
	12H	21.9	22.8	22.4	23.2	23.7	22.2	23.0	22.7	23.5	24.0
8H	4H	21.3	22.2	21.7	22.6	23.1	21.5	22.4	21.9	22.8	23.3
	6H	22.1	22.8	22.6	23.3	23.8	22.3	23.0	22.8	23.5	24.0
	8H	22.4	23.0	22.9	23.5	24.0	22.6	23.3	23.1	23.8	24.3
	12H	22.6	23.2	23.1	23.7	24.2	22.9	23.5	23.4	24.0	24.5
12H	4H	21.3	22.1	21.8	22.6	23.1	21.5	22.3	22.0	22.8	23.3
	6H	22.2	22.8	22.7	23.3	23.8	22.4	23.1	22.9	23.5	24.1
	8H	22.5	23.1	23.0	23.6	24.1	22.8	23.4	23.3	23.8	24.4

Maximum UGR = 24.5

POLAR GRAPH



Maximum Candela = 1720.578 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.)