



IES INDOOR REPORT

PHOTOMETRIC FILENAME : FFL G2 2R 22 SEL35 UV FA 935 @550MA.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] LLIA001588-031 (s)

[TESTLAB] LightLab International Allentown, LLC

[ISSUE DATE] 6/4/2024

[MANUFAC] LumenFocus, LLC

[LUMCAT] FFL G2 2R 22 SEL35 UV FA 935

[LUMINAIRE] Recessed mounted, formed white painted steel housing/reflectors,

[MORE] two frosted linear ribbed plastic enclosures.

[LAMPCAT] Two LS3873A7_3500_90R 3500K 48 LED boards

[BALLAST] One KTLD-35-UV-PS650-54-VDIM-LM1 LED driver set to 550mA

[OTHER] 120.0Vac, 60.00Hz

[OTHER] This test was performed using the absolute method of photometry.

[MORE] Lamp lumens value was set to -1

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3957
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	148
Total Luminaire Watts	26.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.85 ft
Luminous Width (90-270)	1.85 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3773	4035	4298
55	3482	3856	4245
65	3134	3642	4140
75	2623	3243	3710
85	1673	1816	1625

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FFL G2 2R 22 SEL35 UV FA 935 @550MA.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	523.30	N.A.	13.20
0-30	1102.83	N.A.	27.90
0-40	1790.5	N.A.	45.20
0-60	3126.82	N.A.	79.00
0-80	3893.7	N.A.	98.40
0-90	3957.33	N.A.	100.00
10-90	3821.25	N.A.	96.60
20-40	1267.2	N.A.	32.00
20-50	1970.9	N.A.	49.80
40-70	1822.44	N.A.	46.10
60-80	766.89	N.A.	19.40
70-80	280.76	N.A.	7.10
80-90	63.63	N.A.	1.60
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	3957.33	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	136.08
10-20	387.23
20-30	579.53
30-40	687.67
40-50	703.70
50-60	632.62
60-70	486.12
70-80	280.76
80-90	63.63
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

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	109	104	100	96	106	102	98	94	98	94	91	94	91	89	90	88	86	84
2	99	91	84	78	96	89	82	77	85	80	75	82	78	74	79	75	72	70
3	90	80	71	65	88	78	70	64	75	69	63	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	47	58	51	46	56	50	46	43
6	70	57	48	41	68	56	47	41	54	46	41	52	46	40	51	45	40	38
7	65	51	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36	34
8	61	47	38	33	59	46	38	33	45	38	32	44	37	32	43	36	32	30
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	31	26	24

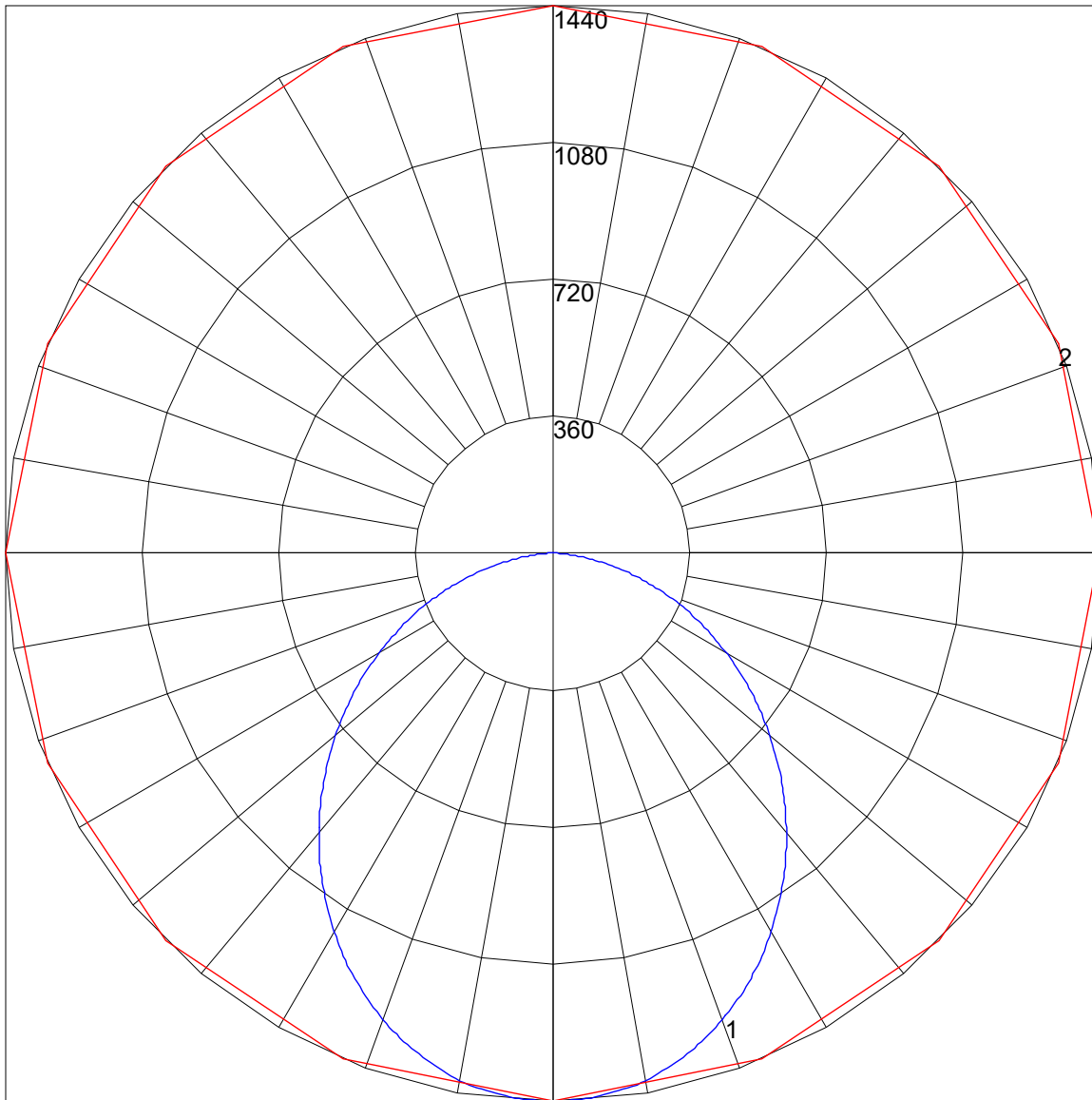
IES INDOOR REPORT
PHOTOMETRIC FILENAME : FFL G2 2R 22 SEL35 UV FA 935 @550MA.IES

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	16.3	17.9	16.6	18.2	18.5	17.4	19.0	17.8	19.3	19.7
	3H	18.0	19.5	18.4	19.8	20.1	19.4	20.9	19.8	21.2	21.5
	4H	18.6	20.0	19.0	20.3	20.7	20.1	21.5	20.5	21.8	22.2
	6H	19.0	20.3	19.4	20.7	21.0	20.6	21.9	21.0	22.3	22.7
	8H	19.1	20.3	19.5	20.7	21.1	20.7	22.0	21.2	22.4	22.8
	12H	19.2	20.4	19.6	20.7	21.2	20.8	22.0	21.2	22.3	22.8
4H	2H	17.0	18.4	17.4	18.8	19.2	17.9	19.3	18.3	19.7	20.0
	3H	19.0	20.2	19.4	20.5	20.9	20.1	21.3	20.6	21.7	22.1
	4H	19.7	20.8	20.1	21.2	21.6	21.0	22.1	21.4	22.5	22.9
	6H	20.2	21.2	20.7	21.6	22.1	21.7	22.6	22.1	23.0	23.5
	8H	20.4	21.3	20.9	21.7	22.2	21.8	22.7	22.3	23.1	23.6
	12H	20.5	21.3	21.0	21.7	22.2	21.9	22.7	22.4	23.1	23.6
8H	4H	20.1	21.0	20.6	21.4	21.9	21.3	22.1	21.7	22.6	23.0
	6H	20.8	21.5	21.3	22.0	22.5	22.0	22.7	22.5	23.2	23.7
	8H	21.0	21.6	21.5	22.1	22.6	22.3	22.9	22.8	23.4	23.9
	12H	21.2	21.7	21.7	22.2	22.8	22.4	22.9	22.9	23.4	24.0
12H	4H	20.2	21.0	20.7	21.4	21.9	21.3	22.1	21.8	22.5	23.0
	6H	20.9	21.5	21.4	22.0	22.5	22.1	22.7	22.6	23.2	23.7
	8H	21.1	21.7	21.6	22.2	22.7	22.3	22.9	22.8	23.4	24.0

Maximum UGR = 24.0

POLAR GRAPH



Maximum Candela = 1439.989 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)