

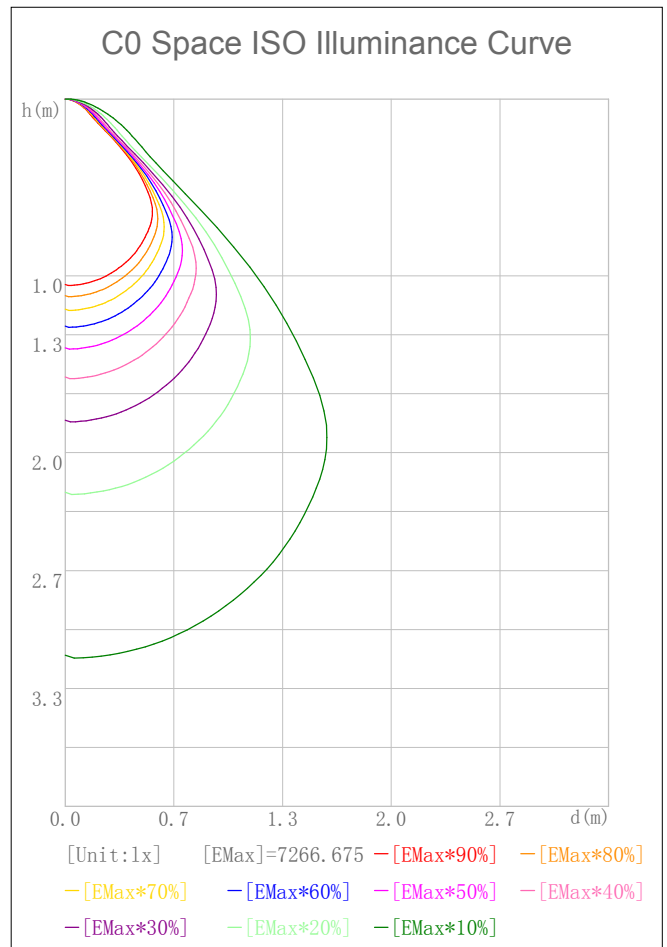
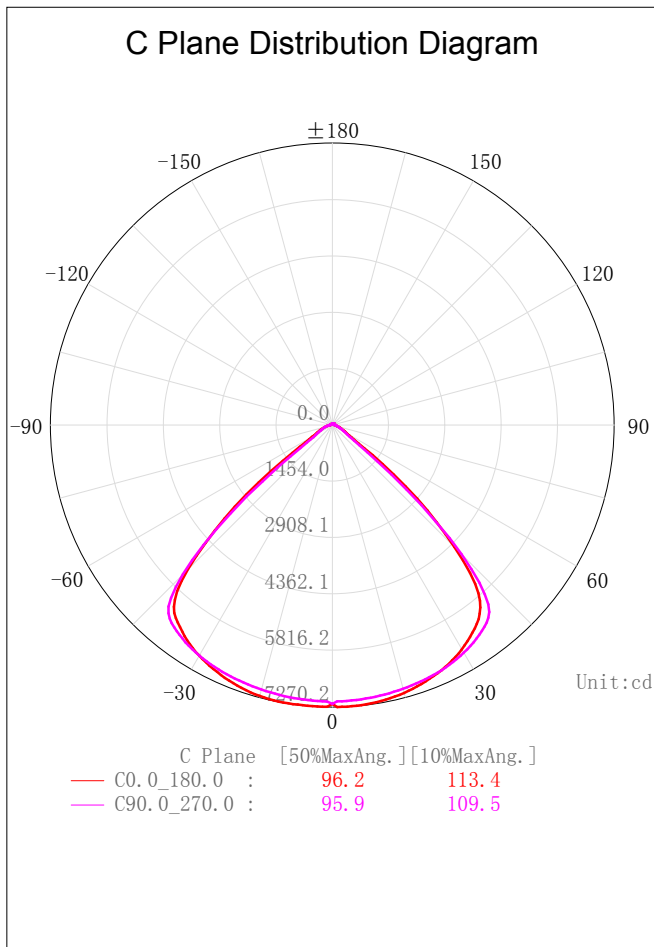
Indoor Luminaire Photometric Data

Description Information

Luminary Name:FL100RECH-PS		Lum. Catalog: LED FLOOD LIGHT	Test ID:
Lamp Name:		Lamp Catalog:SMD-2835	Test Date: 2020/09/18
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H):0.320m*0.360m*0.053m		Lum. Area (m2):0.134	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=45.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

Character Parameter

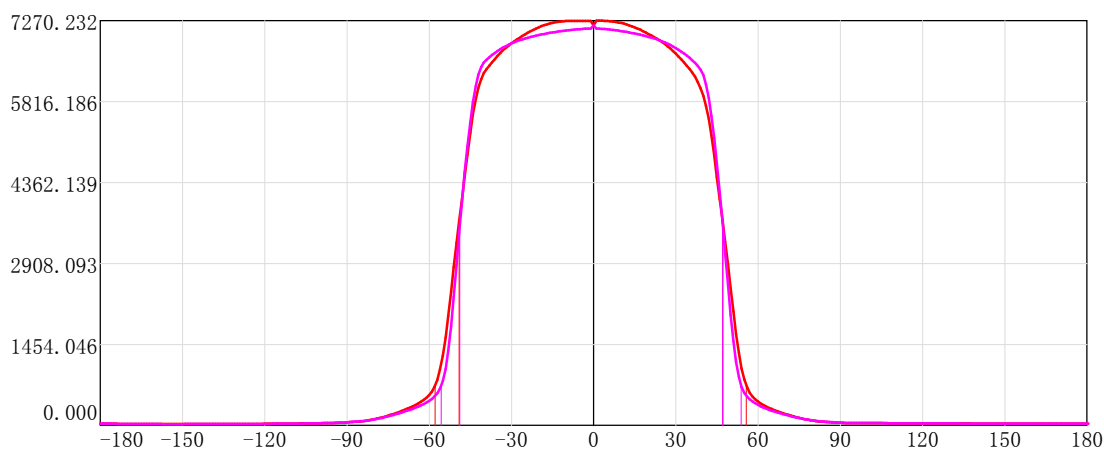
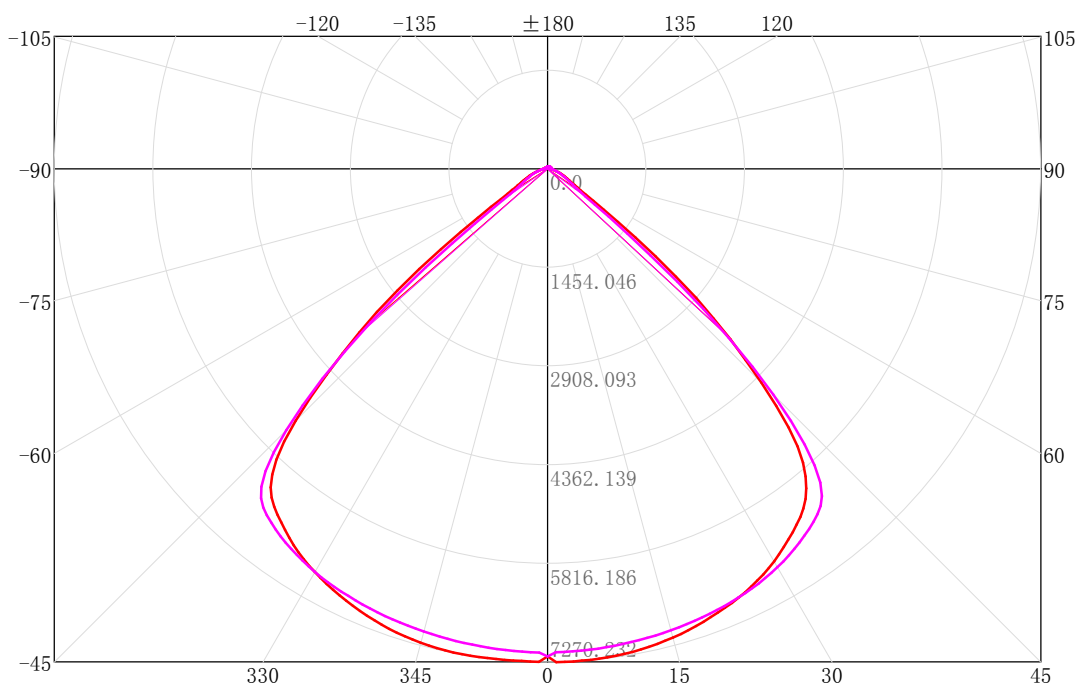
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 15365.000	Luminary Flux(lm): 15355.491	Field Angle(10%Imax): 113.4(°)	
Rated Power(W):	Luminary Efficiency: 99.94%	Down Lumens&Percent: 15122.717lm 98.48%	
Rated Voltage(V):	Luminary EER(lm/W): 152.336	Up Lumens&Percent: 232.774lm 1.52%	
Tested Power(W): 100.800	Max. Candela(cd): 7270.232	S/MH: C0_a180=1.397 C90_270=1.424	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):220.7, 0.469, 0.974	Beam Angle(50%Imax): 96.2(°)	ErP Φ use(120°): 14606.480lm	
Lamp Size(W*L*H):0.320m*0.360m*0.053m	Left=-49.1°, Right=47.1°	IRF(%): 114.384	



2D Plane Light Intensity Distribution Curve

Lum. Name: FL100RECH-PS	Lum. Catalog: LED FLOOD LIGHT	Test ID:
Lamp Name:	Lamp Catalog:SMD-2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/09/18

C Plane Distribution Diagram



—	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C0.0_180.0 :	96.2	113.4	
—	C90.0_270.0 :	95.9	109.5	

IES Indoor Report
Photometric Filename:FL100RECH-PS-90.ies

Zonal Flux Tabulation

Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	6.87	6.87	0.04	0.04	47.0-48.0	307.60	13093.40	2.00	85.22
1.0-2.0	20.57	27.44	0.13	0.18	48.0-49.0	271.63	13365.03	1.77	86.98
2.0-3.0	34.27	61.71	0.22	0.40	49.0-50.0	234.69	13599.72	1.53	88.51
3.0-4.0	47.95	109.65	0.31	0.71	50.0-51.0	197.92	13797.64	1.29	89.80
4.0-5.0	61.60	171.25	0.40	1.11	51.0-52.0	162.97	13960.61	1.06	90.86
5.0-6.0	75.21	246.46	0.49	1.60	52.0-53.0	131.75	14092.36	0.86	91.72
6.0-7.0	88.79	335.25	0.58	2.18	53.0-54.0	105.64	14197.99	0.69	92.40
7.0-8.0	102.31	437.56	0.67	2.85	54.0-55.0	85.33	14283.32	0.56	92.96
8.0-9.0	115.78	553.34	0.75	3.60	55.0-56.0	70.53	14353.85	0.46	93.42
9.0-10.0	129.17	682.50	0.84	4.44	56.0-57.0	60.11	14413.96	0.39	93.81
10.0-11.0	142.48	824.99	0.93	5.37	57.0-58.0	52.82	14466.78	0.34	94.15
11.0-12.0	155.70	980.68	1.01	6.38	58.0-59.0	47.65	14514.43	0.31	94.46
12.0-13.0	168.81	1149.50	1.10	7.48	59.0-60.0	43.84	14558.26	0.29	94.75
13.0-14.0	181.81	1331.31	1.18	8.66	60.0-61.0	40.84	14599.10	0.27	95.02
14.0-15.0	194.69	1526.00	1.27	9.93	61.0-62.0	38.30	14637.40	0.25	95.26
15.0-16.0	207.45	1733.45	1.35	11.28	62.0-63.0	36.05	14673.44	0.23	95.50
16.0-17.0	220.06	1953.52	1.43	12.71	63.0-64.0	34.01	14707.46	0.22	95.72
17.0-18.0	232.51	2186.03	1.51	14.23	64.0-65.0	32.15	14739.61	0.21	95.93
18.0-19.0	244.80	2430.82	1.59	15.82	65.0-66.0	30.41	14770.01	0.20	96.13
19.0-20.0	256.91	2687.73	1.67	17.49	66.0-67.0	28.74	14798.75	0.19	96.31
20.0-21.0	268.81	2956.54	1.75	19.24	67.0-68.0	27.13	14825.88	0.18	96.49
21.0-22.0	280.51	3237.06	1.83	21.07	68.0-69.0	25.56	14851.44	0.17	96.66
22.0-23.0	292.00	3529.05	1.90	22.97	69.0-70.0	24.03	14875.47	0.16	96.81
23.0-24.0	303.23	3832.28	1.97	24.94	70.0-71.0	22.53	14897.99	0.15	96.96
24.0-25.0	314.22	4146.50	2.05	26.99	71.0-72.0	21.06	14919.05	0.14	97.10
25.0-26.0	324.98	4471.48	2.12	29.10	72.0-73.0	19.66	14938.71	0.13	97.23
26.0-27.0	335.51	4807.00	2.18	31.29	73.0-74.0	18.32	14957.03	0.12	97.34
27.0-28.0	345.82	5152.82	2.25	33.54	74.0-75.0	17.03	14974.06	0.11	97.46
28.0-29.0	355.84	5508.66	2.32	35.85	75.0-76.0	15.77	14989.82	0.10	97.56
29.0-30.0	365.54	5874.19	2.38	38.23	76.0-77.0	14.57	15004.40	0.09	97.65
30.0-31.0	374.89	6249.09	2.44	40.67	77.0-78.0	13.45	15017.85	0.09	97.74
31.0-32.0	383.87	6632.96	2.50	43.17	78.0-79.0	12.41	15030.26	0.08	97.82
32.0-33.0	392.42	7025.39	2.55	45.72	79.0-80.0	11.45	15041.70	0.07	97.90
33.0-34.0	400.53	7425.92	2.61	48.33	80.0-81.0	10.57	15052.28	0.07	97.96
34.0-35.0	408.17	7834.08	2.66	50.99	81.0-82.0	9.80	15062.07	0.06	98.03
35.0-36.0	415.28	8249.36	2.70	53.69	82.0-83.0	9.12	15071.19	0.06	98.09
36.0-37.0	421.81	8671.17	2.75	56.43	83.0-84.0	8.54	15079.73	0.06	98.14
37.0-38.0	427.57	9098.74	2.78	59.22	84.0-85.0	8.05	15087.78	0.05	98.20
38.0-39.0	432.34	9531.08	2.81	62.03	85.0-86.0	7.64	15095.42	0.05	98.25
39.0-40.0	435.66	9966.74	2.84	64.87	86.0-87.0	7.31	15102.73	0.05	98.29
40.0-41.0	436.64	10403.38	2.84	67.71	87.0-88.0	7.01	15109.74	0.05	98.34
41.0-42.0	434.11	10837.49	2.83	70.53	88.0-89.0	6.70	15116.44	0.04	98.38
42.0-43.0	426.89	11264.37	2.78	73.31	89.0-90.0	6.28	15122.72	0.04	98.42
43.0-44.0	414.10	11678.47	2.70	76.01	90.0-91.0	5.79	15128.50	0.04	98.46
44.0-45.0	395.34	12073.81	2.57	78.58	91.0-92.0	5.47	15133.97	0.04	98.50
45.0-46.0	370.80	12444.61	2.41	80.99	92.0-93.0	5.34	15139.31	0.03	98.53
46.0-47.0	341.18	12785.79	2.22	83.21	93.0-94.0	5.23	15144.54	0.03	98.57

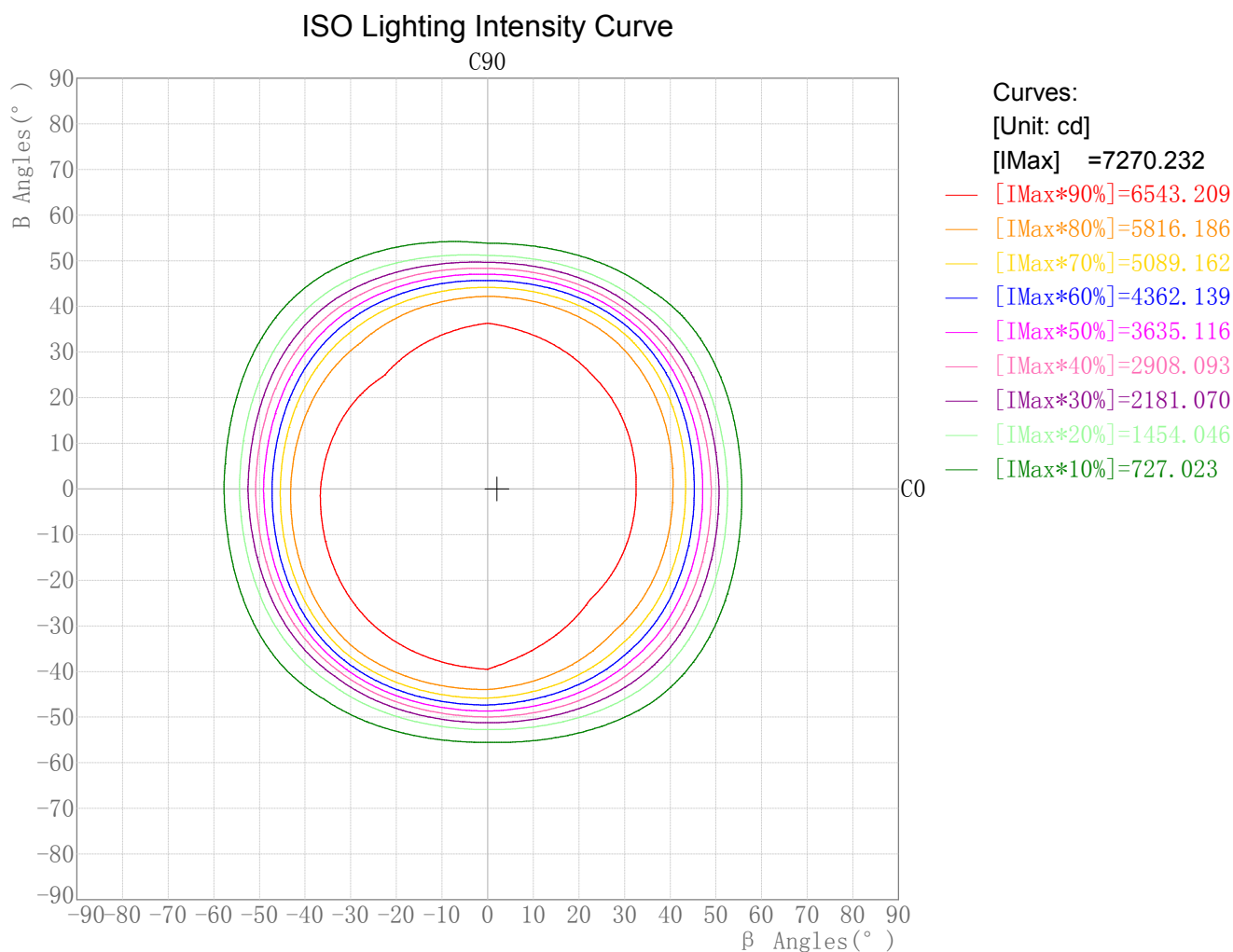
IES Indoor Report
Photometric Filename:FL100RECH-PS-90.ies

Zonal Flux Tabulation - (Cont.)

Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	5.13	15149.68	0.03	98.60	141.0-142.0	2.16	15314.05	0.01	99.67
95.0-96.0	5.04	15154.72	0.03	98.63	142.0-143.0	2.10	15316.16	0.01	99.68
96.0-97.0	4.95	15159.67	0.03	98.66	143.0-144.0	2.05	15318.20	0.01	99.70
97.0-98.0	4.86	15164.54	0.03	98.70	144.0-145.0	1.99	15320.19	0.01	99.71
98.0-99.0	4.78	15169.32	0.03	98.73	145.0-146.0	1.93	15322.13	0.01	99.72
99.0-100.0	4.70	15174.02	0.03	98.76	146.0-147.0	1.88	15324.00	0.01	99.73
100.0-101.0	4.63	15178.65	0.03	98.79	147.0-148.0	1.82	15325.82	0.01	99.75
101.0-102.0	4.55	15183.19	0.03	98.82	148.0-149.0	1.77	15327.59	0.01	99.76
102.0-103.0	4.47	15187.67	0.03	98.85	149.0-150.0	1.71	15329.30	0.01	99.77
103.0-104.0	4.40	15192.07	0.03	98.87	150.0-151.0	1.66	15330.96	0.01	99.78
104.0-105.0	4.33	15196.40	0.03	98.90	151.0-152.0	1.60	15332.57	0.01	99.79
105.0-106.0	4.26	15200.66	0.03	98.93	152.0-153.0	1.55	15334.12	0.01	99.80
106.0-107.0	4.19	15204.85	0.03	98.96	153.0-154.0	1.50	15335.62	0.01	99.81
107.0-108.0	4.12	15208.97	0.03	98.98	154.0-155.0	1.45	15337.06	0.01	99.82
108.0-109.0	4.05	15213.03	0.03	99.01	155.0-156.0	1.39	15338.46	0.01	99.83
109.0-110.0	3.98	15217.01	0.03	99.04	156.0-157.0	1.34	15339.80	0.01	99.84
110.0-111.0	3.92	15220.93	0.03	99.06	157.0-158.0	1.29	15341.09	0.01	99.84
111.0-112.0	3.86	15224.79	0.03	99.09	158.0-159.0	1.24	15342.32	0.01	99.85
112.0-113.0	3.79	15228.58	0.02	99.11	159.0-160.0	1.18	15343.50	0.01	99.86
113.0-114.0	3.73	15232.32	0.02	99.14	160.0-161.0	1.13	15344.63	0.01	99.87
114.0-115.0	3.67	15235.99	0.02	99.16	161.0-162.0	1.08	15345.71	0.01	99.87
115.0-116.0	3.62	15239.61	0.02	99.18	162.0-163.0	1.02	15346.73	0.01	99.88
116.0-117.0	3.56	15243.17	0.02	99.21	163.0-164.0	0.97	15347.70	0.01	99.89
117.0-118.0	3.50	15246.67	0.02	99.23	164.0-165.0	0.92	15348.62	0.01	99.89
118.0-119.0	3.44	15250.11	0.02	99.25	165.0-166.0	0.86	15349.48	0.01	99.90
119.0-120.0	3.39	15253.50	0.02	99.27	166.0-167.0	0.81	15350.29	0.01	99.90
120.0-121.0	3.33	15256.83	0.02	99.30	167.0-168.0	0.75	15351.04	0.00	99.91
121.0-122.0	3.28	15260.11	0.02	99.32	168.0-169.0	0.70	15351.74	0.00	99.91
122.0-123.0	3.22	15263.33	0.02	99.34	169.0-170.0	0.64	15352.38	0.00	99.92
123.0-124.0	3.17	15266.50	0.02	99.36	170.0-171.0	0.58	15352.96	0.00	99.92
124.0-125.0	3.11	15269.61	0.02	99.38	171.0-172.0	0.52	15353.48	0.00	99.93
125.0-126.0	3.06	15272.67	0.02	99.40	172.0-173.0	0.47	15353.95	0.00	99.93
126.0-127.0	3.01	15275.68	0.02	99.42	173.0-174.0	0.41	15354.36	0.00	99.93
127.0-128.0	2.95	15278.63	0.02	99.44	174.0-175.0	0.34	15354.70	0.00	99.93
128.0-129.0	2.90	15281.53	0.02	99.46	175.0-176.0	0.28	15354.98	0.00	99.93
129.0-130.0	2.84	15284.37	0.02	99.48	176.0-177.0	0.22	15355.21	0.00	99.94
130.0-131.0	2.78	15287.15	0.02	99.49	177.0-178.0	0.16	15355.36	0.00	99.94
131.0-132.0	2.73	15289.88	0.02	99.51	178.0-179.0	0.10	15355.46	0.00	99.94
132.0-133.0	2.67	15292.55	0.02	99.53	179.0-180.0	0.03	15355.49	0.00	99.94
133.0-134.0	2.62	15295.17	0.02	99.55					
134.0-135.0	2.56	15297.73	0.02	99.56					
135.0-136.0	2.50	15300.23	0.02	99.58					
136.0-137.0	2.45	15302.68	0.02	99.59					
137.0-138.0	2.39	15305.07	0.02	99.61					
138.0-139.0	2.33	15307.40	0.02	99.63					
139.0-140.0	2.28	15309.68	0.01	99.64					
140.0-141.0	2.22	15311.89	0.01	99.65					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: FL100RECH-PS	Lum. Catalog: LED FLOOD LIGHT	Test ID:
Lamp Name:	Lamp Catalog:SMD-2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/09/18

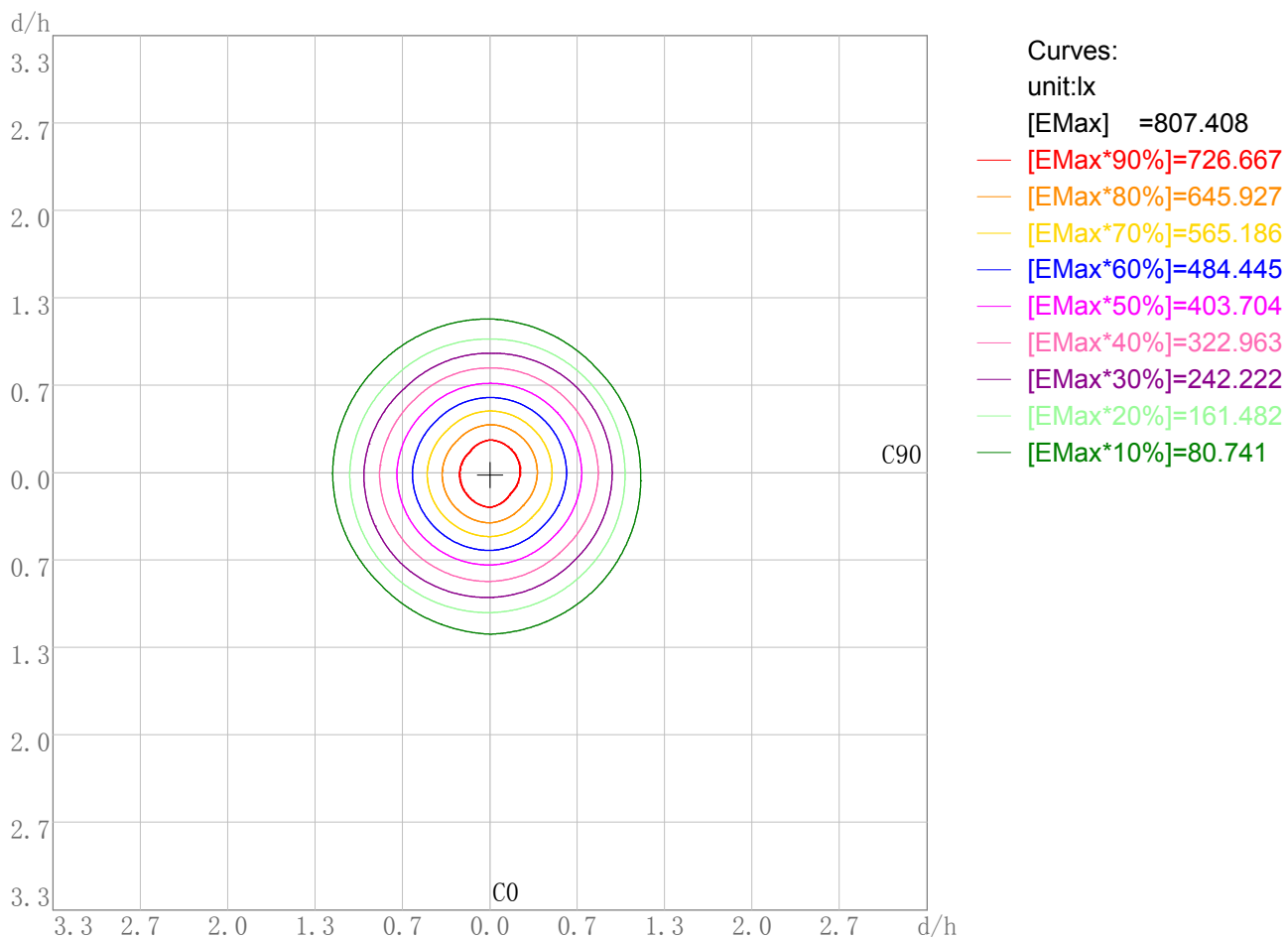


Maximum Light Intensity(cd): 7270.23
 Maximum Cand.@Angle: H=2.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: FL100RECH-PS	Lum. Catalog: LED FLOOD LIGHT	Test ID:
Lamp Name:	Lamp Catalog:SMD-2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/09/18

Plane ISO-Illuminance Curve

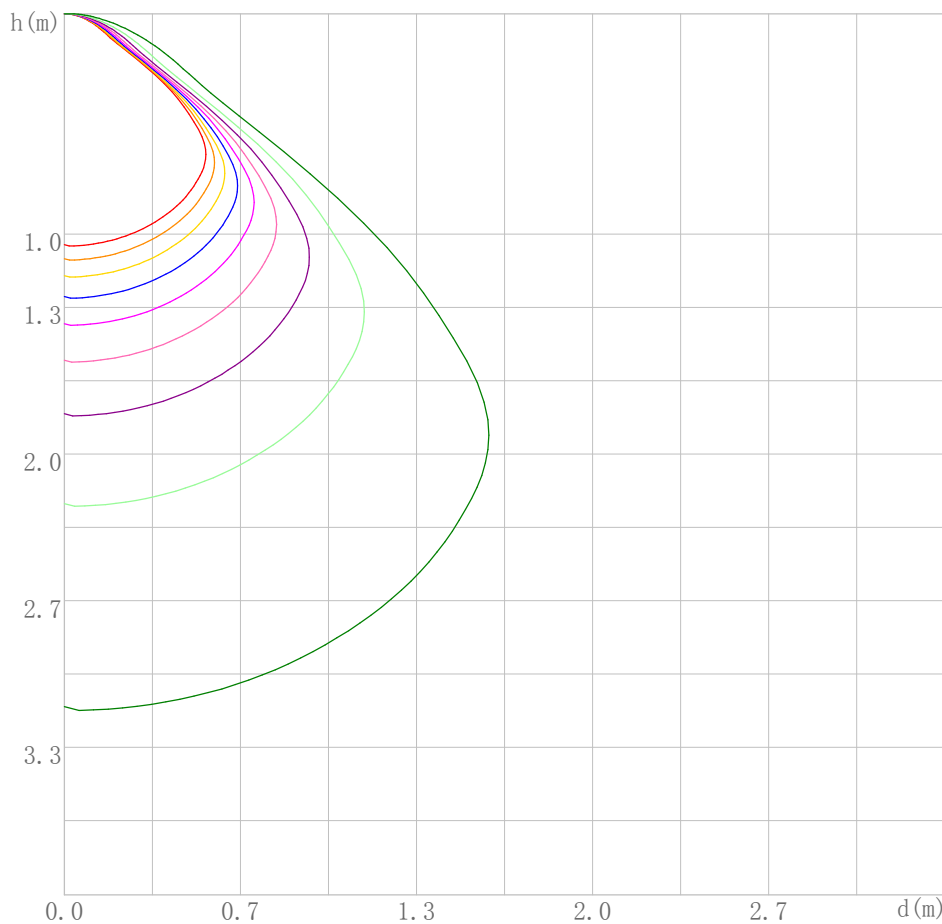


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 807.41
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

Space ISO Illuminance Diagram

Lum. Name: FL100RECH-PS	Lum. Catalog: LED FLOOD LIGHT	Test ID:
Lamp Name:	Lamp Catalog:SMD-2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/09/18

Space ISO Illuminance Curve



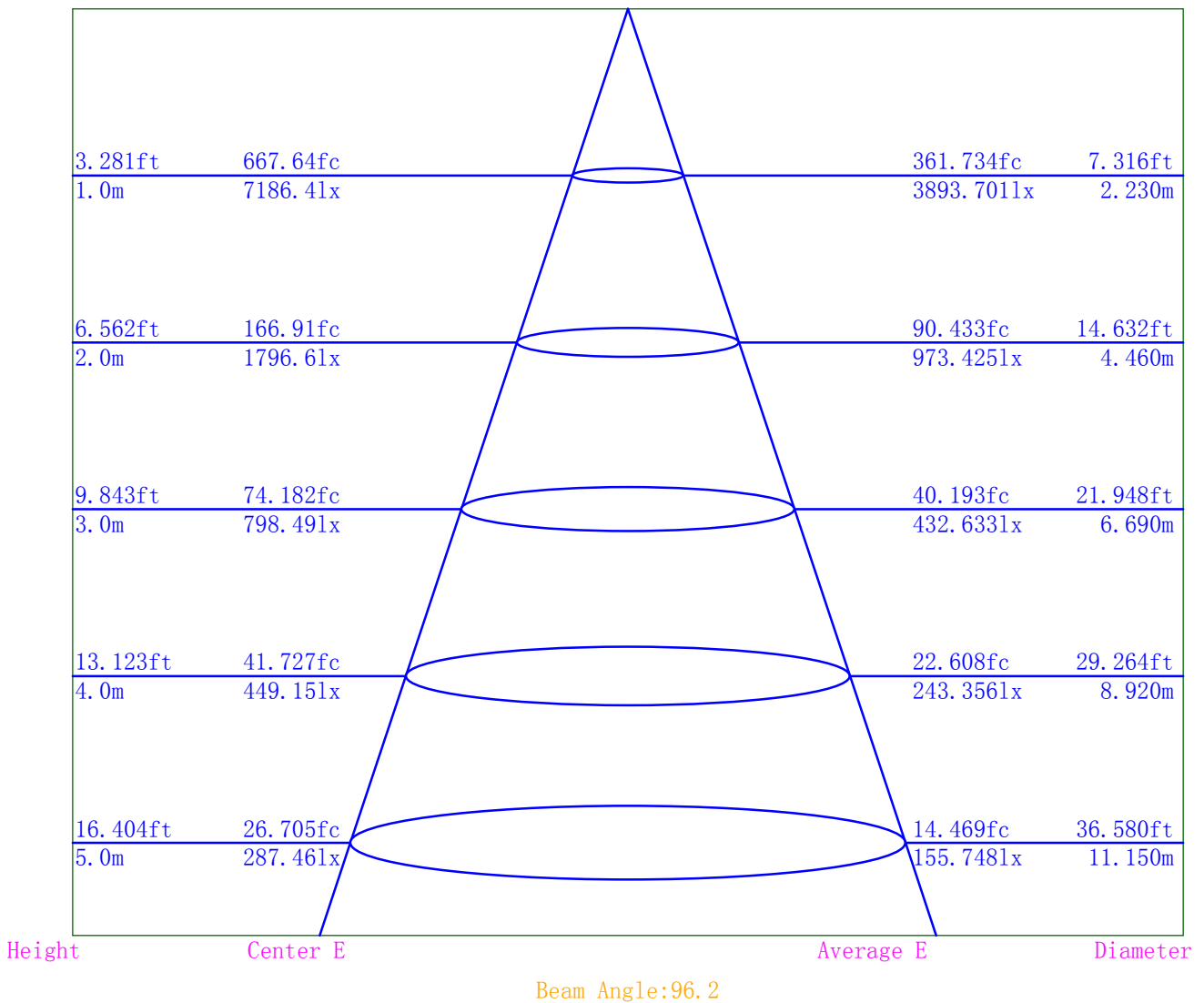
- Curves:
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- [EMax*90%]=6540.007
 - [EMax*80%]=5813.340
 - [EMax*70%]=5086.672
 - [EMax*60%]=4360.005
 - [EMax*50%]=3633.337
 - [EMax*40%]=2906.670
 - [EMax*30%]=2180.002
 - [EMax*20%]=1453.335
 - [EMax*10%]=726.667

Space Plane Maximum Illuminance and @Angle:7266.67lx,1.0deg
 Plane Maximum Lighting Intensity and @Angle:7270.232cd,0deg

Illuminance-Distance Diagram

Lum. Name: FL100RECH-PS	Lum. Catalog: LED FLOOD LIGHT	Test ID:
Lamp Name:	Lamp Catalog:SMD-2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/09/18

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: FL100RECH-PS	Lum. Catalog: LED FLOOD LIGHT	Test ID:
Lamp Name:	Lamp Catalog:SMD-2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/09/18

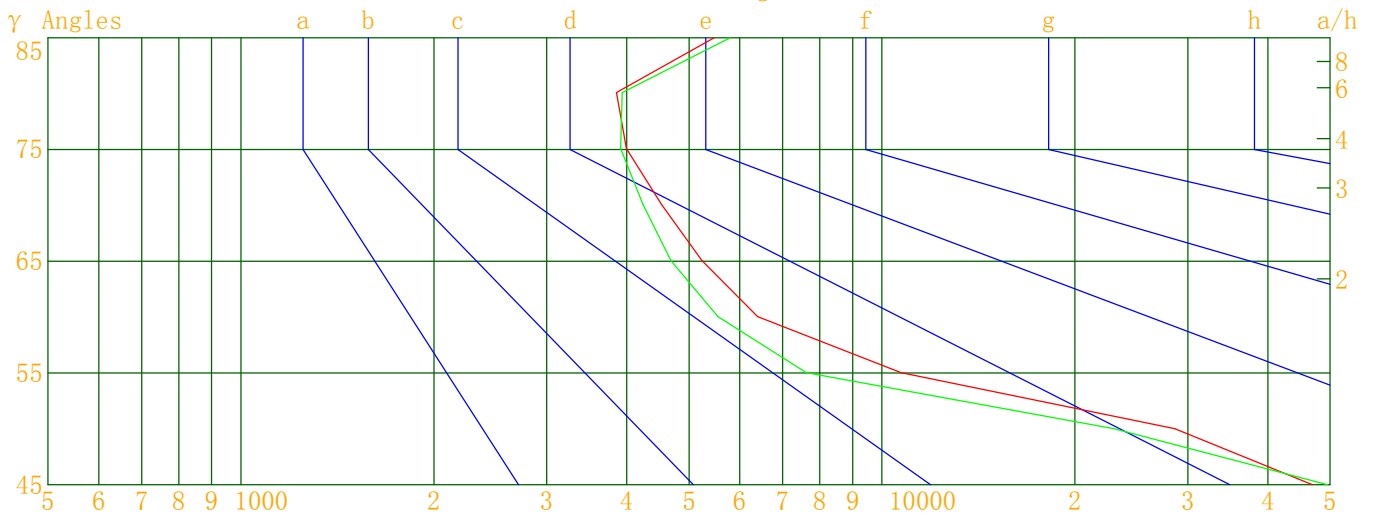
Glare Grade Table

GI	Quality	Using Illuminance							
		a	b	c	d	e	f	g	h
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E	a				2000	1000	500	<=300
			b	c	d	e	f	g	h

Luminance Table

Gama (deg)	45	50	55	60	65	70	75	80	85
C0	46913	28635	10716	6397	5241	4532	3995	3854	5471
C90	49543	23009	7616	5547	4687	4239	3911	3933	5794

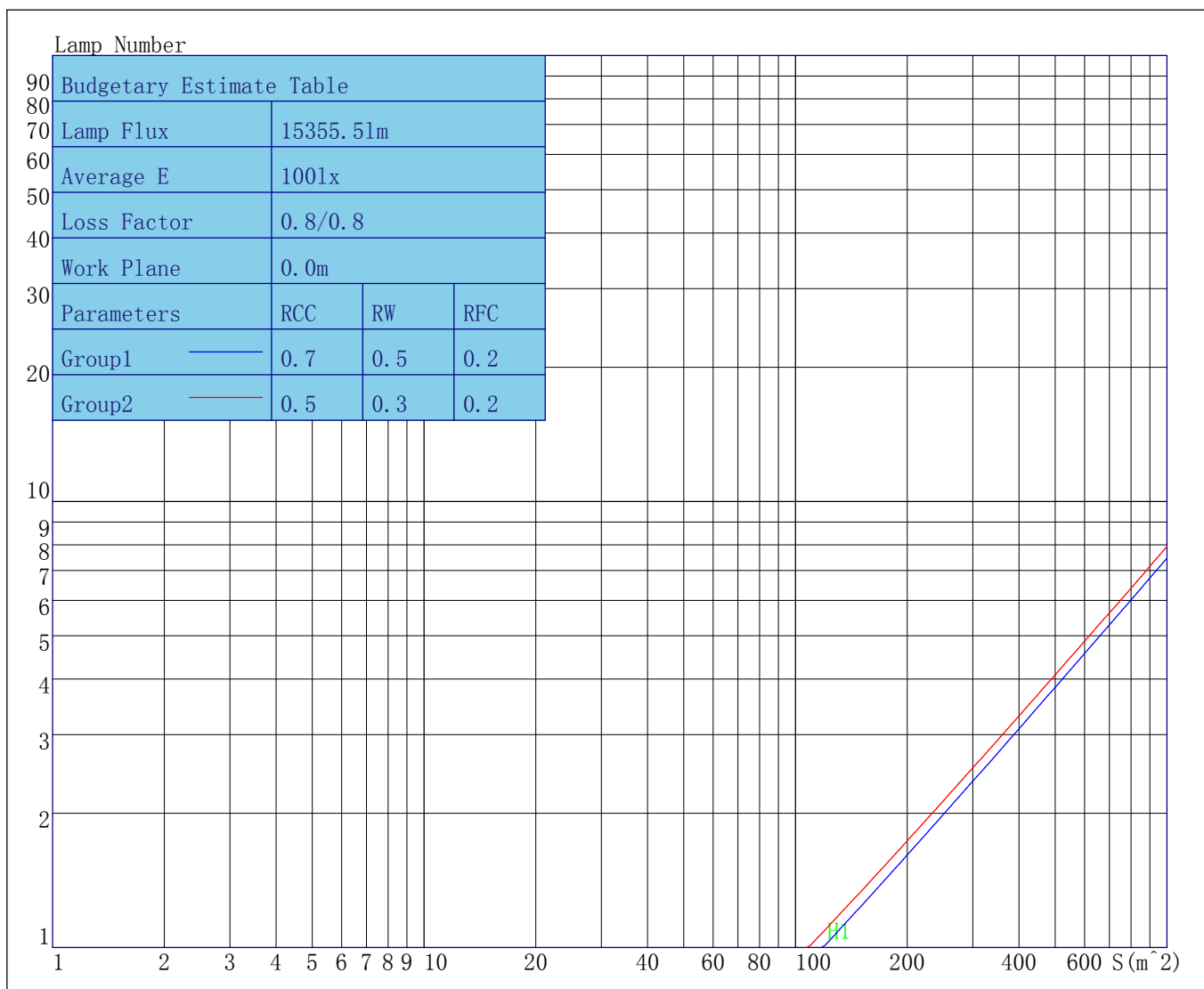
Luminance Limiting Curve



Luminous Size: Length(m)=0.360 Width(m)=0.320 Height(m)=0.053 Area(m^2)=0.134280
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: ——— C90-C270 Color: ———

Indoor Budgetary Estimate Table

Lum. Name: FL100RECH-PS	Lum. Catalog: LED FLOOD LIGHT	Test ID:
Lamp Name:	Lamp Catalog:SMD-2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/09/18



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

Indoor Coefficient of Utilization Table

Lum. Name: FL100RECH-PS	Lum. Catalog: LED FLOOD LIGHT	Test ID:
Lamp Name:	Lamp Catalog:SMD-2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/09/18

Coefficients of Utilization - Zonal Cavity Method																		
Coef.	Effective Floor Cavity Reflectance RFC=0.20																	
RhoCC (%)	80				70				50			30			10			0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Coefficient of Utilization(%)																	
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	98
1	111	108	105	102	109	105	102	100	101	99	96	97	95	93	93	92	90	88
2	104	97	92	88	101	95	91	87	92	88	84	89	85	82	85	83	80	78
3	96	88	82	77	94	87	81	76	84	79	74	81	77	73	78	75	72	70
4	90	80	73	67	87	79	72	67	76	70	66	74	69	65	72	67	64	62
5	83	73	65	60	81	72	65	59	69	63	59	67	62	58	66	61	57	55
6	78	66	59	53	76	65	58	53	64	57	52	62	56	52	60	55	51	50
7	72	61	53	48	71	60	53	48	58	52	47	57	51	47	55	50	46	45
8	68	56	48	43	66	55	48	43	54	47	43	52	47	42	51	46	42	40
9	63	51	44	39	62	51	44	39	50	43	39	49	43	39	47	42	38	37
10	60	48	40	36	58	47	40	36	46	40	35	45	39	35	44	39	35	33

Unified Glare Rating Table

Lum. Name: FL100RECH-PS	Lum. Catalog: LED FLOOD LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD-2835	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/09/18

Unified Glare Rating Table

Ceiling RCC	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	
Wall RW	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	
Floor RFC	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
Room Size	Vewed crosswise					Vewed endwise					
X=2H	Y=2H	22.4	23.7	22.8	24.0	24.4	22.4	23.7	22.8	24.0	24.4
	Y=3H	22.4	23.5	22.8	23.8	24.3	22.3	23.5	22.7	23.8	24.2
	Y=4H	22.3	23.4	22.8	23.8	24.2	22.3	23.4	22.7	23.7	24.2
	Y=6H	22.3	23.3	22.7	23.7	24.1	22.3	23.2	22.7	23.6	24.1
	Y=8H	22.3	23.2	22.7	23.6	24.1	22.3	23.2	22.7	23.6	24.0
	Y=12H	22.3	23.1	22.7	23.5	24.0	22.2	23.1	22.7	23.5	24.0
X=4H	Y=2H	22.2	23.3	22.7	23.7	24.1	22.2	23.3	22.7	23.7	24.1
	Y=3H	22.3	23.1	22.7	23.5	24.0	22.2	23.1	22.7	23.5	24.0
	Y=4H	22.3	23.0	22.7	23.5	23.9	22.2	23.0	22.7	23.4	23.9
	Y=6H	22.3	22.9	22.7	23.4	23.9	22.2	22.9	22.7	23.4	23.9
	Y=8H	22.2	22.9	22.7	23.3	23.8	22.2	22.8	22.7	23.3	23.8
	Y=12H	22.3	22.8	22.8	23.3	23.8	22.2	22.8	22.7	23.3	23.8
X=8H	Y=4H	22.2	22.8	22.7	23.3	23.8	22.1	22.7	22.6	23.2	23.7
	Y=6H	22.2	22.7	22.7	23.2	23.8	22.2	22.7	22.7	23.2	23.8
	Y=8H	22.2	22.6	22.7	23.2	23.7	22.2	22.6	22.7	23.2	23.7
	Y=12H	22.2	22.6	22.8	23.2	23.8	22.2	22.6	22.8	23.2	23.8
X=12H	Y=4H	22.1	22.7	22.6	23.2	23.7	22.1	22.6	22.6	23.1	23.7
	Y=6H	22.1	22.6	22.7	23.1	23.7	22.1	22.6	22.7	23.1	23.6
	Y=8H	22.2	22.6	22.7	23.1	23.7	22.2	22.6	22.7	23.1	23.7
Variations with the objerver position at spacings											
S=1.0H	0.3/-0.3					0.3/-0.3					
S=1.5H	0.7/-0.7					0.6/-0.6					
S=2.0H	1.0/-1.0					0.9/-0.9					
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	0.4					0.4					

o the CIE Pub. 117, data has been corrected, refers to the lamp's lumens 8.2flm.

IES Indoor Report

Photometric Filename:FL100RECH-PS-90.ies

Candela Tabulation

V/H	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0
γ 0.0	7186.43	7186.43	7186.43	7186.43	7186.43	7186.43	7186.43	7186.43
γ 1.0	7270.00	7184.61	7126.54	7085.44	7266.16	7182.26	7127.78	7087.11
γ 2.0	7270.23	7185.16	7125.40	7082.63	7264.23	7179.80	7127.47	7088.37
γ 3.0	7268.92	7184.47	7121.49	7079.38	7263.35	7176.18	7125.76	7088.15
γ 4.0	7265.62	7182.42	7118.45	7075.56	7262.92	7171.78	7121.84	7086.23
γ 5.0	7262.63	7178.58	7113.60	7072.63	7263.40	7168.52	7117.43	7083.41
γ 6.0	7258.27	7174.15	7109.31	7069.80	7263.43	7164.14	7113.84	7080.97
γ 7.0	7252.37	7169.66	7103.78	7064.95	7262.27	7159.93	7109.71	7077.72
γ 8.0	7245.58	7164.80	7097.49	7060.24	7263.67	7154.01	7105.49	7073.18
γ 9.0	7237.07	7156.70	7090.36	7054.61	7263.69	7148.98	7100.02	7067.75
γ 10.0	7227.29	7149.40	7082.56	7047.82	7263.49	7143.64	7094.48	7058.55
γ 11.0	7215.86	7139.91	7074.73	7040.12	7260.50	7138.81	7089.00	7049.55
γ 12.0	7200.76	7128.34	7066.95	7031.21	7255.66	7134.26	7082.33	7038.13
γ 13.0	7185.08	7115.57	7057.44	7021.21	7249.53	7130.45	7074.95	7025.52
γ 14.0	7166.63	7100.87	7047.93	7012.78	7240.50	7126.51	7065.70	7011.25
γ 15.0	7148.87	7085.06	7038.96	7001.88	7229.81	7122.43	7058.24	6997.30
γ 16.0	7129.06	7068.80	7028.94	6990.22	7216.48	7116.64	7050.32	6980.45
γ 17.0	7107.35	7053.00	7016.51	6976.63	7202.89	7110.22	7041.61	6961.49
γ 18.0	7083.30	7034.88	7004.95	6962.55	7186.91	7100.92	7031.37	6941.52
γ 19.0	7058.29	7015.10	6992.30	6947.93	7169.78	7090.58	7021.82	6920.48
γ 20.0	7031.15	6994.13	6979.29	6931.61	7150.06	7076.76	7012.68	6899.45
γ 21.0	7004.39	6969.84	6965.69	6913.57	7127.18	7061.37	7001.04	6875.56
γ 22.0	6977.36	6943.30	6951.96	6893.71	7103.41	7044.19	6988.80	6851.71
γ 23.0	6949.14	6914.46	6934.99	6872.02	7078.48	7024.14	6974.99	6825.72
γ 24.0	6918.79	6882.92	6916.42	6846.85	7051.42	7002.35	6960.81	6798.78
γ 25.0	6885.42	6850.97	6897.94	6820.08	7021.77	6979.20	6946.50	6774.29
γ 26.0	6849.88	6817.97	6877.10	6790.80	6992.46	6956.46	6931.65	6747.48
γ 27.0	6811.06	6787.56	6855.36	6761.78	6961.21	6932.49	6916.87	6721.28
γ 28.0	6769.50	6757.04	6831.07	6731.75	6930.74	6907.77	6900.14	6696.49
γ 29.0	6724.19	6724.28	6806.60	6697.91	6896.21	6882.29	6881.02	6670.97
γ 30.0	6676.28	6689.88	6778.27	6662.67	6861.35	6855.54	6859.60	6641.47
γ 31.0	6626.17	6651.80	6748.40	6625.30	6823.79	6828.57	6837.00	6606.33
γ 32.0	6572.69	6609.47	6715.60	6588.25	6783.48	6798.36	6812.11	6566.98
γ 33.0	6516.17	6562.01	6679.05	6547.42	6738.68	6762.86	6785.21	6524.63
γ 34.0	6459.68	6510.70	6641.00	6504.34	6689.64	6726.56	6755.99	6476.01
γ 35.0	6401.59	6453.28	6600.79	6456.42	6636.40	6685.57	6725.44	6419.63
γ 36.0	6340.21	6390.10	6557.87	6403.66	6579.41	6642.74	6692.01	6355.77
γ 37.0	6266.68	6323.48	6511.73	6342.63	6522.09	6596.60	6655.51	6284.33
γ 38.0	6173.41	6250.80	6458.67	6266.16	6464.70	6549.64	6615.20	6196.82
γ 39.0	6059.17	6173.81	6391.84	6169.81	6404.48	6498.14	6570.92	6087.38
γ 40.0	5918.79	6084.30	6291.65	6048.28	6327.98	6438.42	6516.27	5949.85
γ 41.0	5740.57	5959.75	6126.40	5898.25	6217.42	6366.31	6434.23	5776.98
γ 42.0	5507.20	5771.05	5879.35	5712.79	6063.02	6267.67	6300.95	5565.65
γ 43.0	5211.41	5496.55	5555.46	5483.04	5856.97	6120.88	6092.52	5308.45
γ 44.0	4850.73	5127.00	5161.11	5208.22	5590.75	5899.44	5803.55	5006.31
γ 45.0	4454.42	4661.43	4704.14	4884.41	5253.79	5584.09	5443.39	4662.62
γ 46.0	4061.54	4110.69	4197.94	4511.23	4864.28	5162.62	5018.41	4277.38

IES Indoor Report
Photometric Filename:FL100RECH-PS-90.ies

Candela Tabulation - (Cont.)

V/H	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0
γ 47.0	3681.49	3512.39	3653.11	4092.01	4457.42	4633.77	4538.39	3853.57
γ 48.0	3297.98	2911.20	3089.83	3639.89	4063.18	4018.37	4015.89	3415.32
γ 49.0	2897.60	2348.11	2529.00	3185.65	3675.20	3373.21	3460.99	2995.50
γ 50.0	2471.57	1845.83	1985.97	2748.42	3279.65	2751.76	2886.60	2597.17
γ 51.0	2043.88	1423.60	1511.56	2326.84	2843.02	2187.67	2311.27	2209.02
γ 52.0	1645.51	1095.26	1142.54	1921.82	2400.90	1705.32	1780.90	1833.98
γ 53.0	1301.91	863.11	874.98	1547.56	1969.15	1317.65	1343.86	1484.92
γ 54.0	1027.14	709.13	696.37	1227.41	1578.71	1028.78	1019.37	1183.51
γ 55.0	825.33	607.48	586.61	972.34	1255.23	830.38	800.28	944.42
γ 56.0	682.62	540.55	517.46	787.15	1005.72	698.48	663.32	768.47
γ 57.0	584.84	490.87	468.93	652.26	823.90	610.78	578.46	644.33
γ 58.0	517.60	451.44	431.56	556.16	696.33	549.72	521.41	559.02
γ 59.0	468.51	420.49	400.21	490.31	608.32	503.84	478.81	499.32
γ 60.0	429.51	394.36	372.45	444.87	546.18	467.10	443.35	455.47
γ 61.0	396.39	370.04	347.56	409.22	499.11	435.82	412.41	421.66
γ 62.0	367.08	347.73	324.29	380.11	460.07	408.48	384.97	393.21
γ 63.0	341.30	326.24	302.59	354.58	426.73	384.01	360.71	367.57
γ 64.0	318.30	306.65	283.29	331.52	396.87	361.58	338.98	344.60
γ 65.0	297.41	288.28	266.00	309.82	370.46	340.54	319.43	323.36
γ 66.0	277.24	270.83	250.24	289.92	346.12	320.70	301.23	303.63
γ 67.0	258.22	254.26	235.52	271.64	323.17	301.19	283.79	284.77
γ 68.0	240.41	237.89	221.35	254.20	301.80	282.30	267.36	266.45
γ 69.0	223.84	222.14	207.69	237.30	281.42	264.00	251.20	248.61
γ 70.0	208.12	206.41	194.67	221.50	262.28	246.27	235.68	231.42
γ 71.0	192.78	191.51	181.56	206.01	243.92	229.55	220.15	214.76
γ 72.0	178.42	177.72	169.00	191.04	226.17	213.35	205.01	199.11
γ 73.0	164.76	165.21	157.40	177.07	209.12	198.35	190.98	184.57
γ 74.0	151.61	153.23	146.48	164.24	192.85	183.62	177.76	170.61
γ 75.0	138.86	141.78	135.94	152.18	177.23	169.49	164.88	157.16
γ 76.0	127.36	130.84	125.58	140.99	162.39	156.11	152.43	142.97
γ 77.0	116.71	120.22	115.81	129.98	148.82	143.54	140.49	132.27
γ 78.0	106.73	110.50	107.06	119.68	136.31	131.82	129.74	120.95
γ 79.0	97.89	101.94	99.07	109.95	124.44	121.12	119.54	110.84
γ 80.0	89.86	94.00	91.70	101.39	113.94	111.14	110.23	101.58
γ 81.0	82.81	86.94	85.20	93.48	104.45	102.30	101.90	93.26
γ 82.0	76.68	81.10	79.79	86.33	95.91	94.43	94.51	86.06
γ 83.0	71.55	75.99	75.11	80.38	88.31	87.64	88.26	79.91
γ 84.0	67.27	71.72	71.06	75.07	81.60	81.86	82.70	75.10
γ 85.0	64.03	68.27	67.81	70.77	76.02	77.01	78.04	71.03
γ 86.0	61.27	65.36	65.09	67.30	71.55	73.03	74.21	67.75
γ 87.0	59.14	63.04	62.74	64.48	68.06	69.60	70.76	64.84
γ 88.0	56.61	60.88	60.27	62.25	64.81	66.78	67.80	62.10
γ 89.0	53.42	57.66	56.54	60.11	62.03	63.90	64.67	58.37
γ 90.0	49.90	51.84	51.06	56.53	58.89	59.54	59.52	51.89
γ 91.0	49.04	48.65	48.10	50.68	54.42	52.40	51.93	49.86
γ 92.0	48.52	48.01	47.57	48.20	51.89	50.47	50.31	48.59
γ 93.0	47.78	47.59	46.97	47.40	50.56	49.26	49.04	47.34

IES Indoor Report
Photometric Filename:FL100RECH-PS-90.ies

Candela Tabulation - (Cont.)

V/H	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0
γ 94.0	47.27	47.01	46.58	46.94	49.28	47.99	47.68	46.21
γ 95.0	46.95	46.61	46.13	46.41	48.04	46.76	46.59	45.01
γ 96.0	46.40	46.20	45.71	45.94	46.95	45.80	45.43	44.00
γ 97.0	46.05	45.84	45.53	45.54	45.86	44.67	44.32	42.91
γ 98.0	45.69	45.47	45.17	45.18	44.74	43.53	43.41	42.02
γ 99.0	45.39	45.10	44.82	44.83	43.74	42.63	42.47	41.12
γ 100.0	45.11	44.97	44.63	44.58	42.74	41.74	41.56	40.20
γ 101.0	44.70	44.71	44.34	44.18	41.92	41.00	40.67	39.40
γ 102.0	44.46	44.35	43.99	43.85	41.05	39.98	39.77	38.67
γ 103.0	44.20	44.18	43.89	43.70	40.28	39.21	39.08	37.95
γ 104.0	43.93	43.78	43.58	43.31	39.55	38.49	38.42	37.21
γ 105.0	43.70	43.69	43.38	43.00	38.69	37.79	37.62	36.60
γ 106.0	43.30	43.32	42.93	42.79	38.08	37.16	36.88	35.98
γ 107.0	43.17	43.02	42.79	42.55	37.37	36.51	36.25	35.28
γ 108.0	42.95	42.86	42.56	42.32	36.72	35.83	35.79	34.72
γ 109.0	42.52	42.45	42.22	42.08	36.08	35.37	35.04	34.26
γ 110.0	42.27	42.26	41.96	41.86	35.47	34.74	34.48	33.72
γ 111.0	42.07	42.19	41.71	41.67	34.89	34.31	33.94	33.26
γ 112.0	41.76	41.88	41.48	41.29	34.45	33.73	33.40	32.81
γ 113.0	41.66	41.63	41.25	41.09	33.97	33.32	33.04	32.32
γ 114.0	41.42	41.26	41.04	40.88	33.61	32.89	32.69	31.99
γ 115.0	41.11	41.13	40.83	40.61	33.10	32.58	32.31	31.55
γ 116.0	41.04	40.95	40.53	40.49	32.99	32.17	31.86	31.36
γ 117.0	40.80	40.70	40.47	40.23	32.53	31.81	31.61	30.96
γ 118.0	40.50	40.45	40.12	40.12	32.20	31.50	31.26	30.71
γ 119.0	40.22	40.28	39.88	39.86	31.93	31.23	30.92	30.45
γ 120.0	40.10	40.04	39.75	39.79	31.68	30.98	30.56	30.21
γ 121.0	40.00	39.92	39.53	39.52	31.51	30.58	30.43	29.91
γ 122.0	39.78	39.73	39.24	39.29	31.15	30.37	30.15	29.60
γ 123.0	39.61	39.58	39.07	39.21	30.88	30.27	29.82	29.56
γ 124.0	39.46	39.49	38.94	38.96	30.75	30.06	29.68	29.14
γ 125.0	39.32	39.21	38.79	38.79	30.46	29.73	29.50	29.07
γ 126.0	39.08	39.12	38.72	38.67	30.26	29.65	29.28	28.78
γ 127.0	39.02	38.91	38.53	38.35	30.15	29.47	29.03	28.75
γ 128.0	38.82	38.77	38.28	38.28	29.85	29.19	28.93	28.45
γ 129.0	38.78	38.55	38.08	38.15	29.70	28.94	28.75	28.32
γ 130.0	38.47	38.37	37.95	37.91	29.52	28.73	28.56	28.08
γ 131.0	38.42	38.36	37.74	37.80	29.38	28.58	28.50	27.98
γ 132.0	38.15	38.13	37.60	37.61	29.13	28.37	28.23	27.73
γ 133.0	38.05	37.90	37.60	37.51	28.99	28.18	28.02	27.46
γ 134.0	37.96	37.68	37.27	37.34	28.76	28.02	27.90	27.39
γ 135.0	37.85	37.63	37.17	37.04	28.53	27.89	27.72	27.17
γ 136.0	37.67	37.44	36.93	37.03	28.51	27.69	27.55	27.11
γ 137.0	37.48	37.34	36.85	36.93	28.37	27.50	27.36	26.95
γ 138.0	37.26	37.21	36.60	36.75	28.07	27.40	27.28	26.83
γ 139.0	37.16	37.04	36.51	36.63	27.91	27.32	27.05	26.75
γ 140.0	36.95	36.88	36.39	36.43	27.84	27.04	26.93	26.53
