IES Indoor Report
Photometric Filename:HB300ME6I-CO 30X90.IES

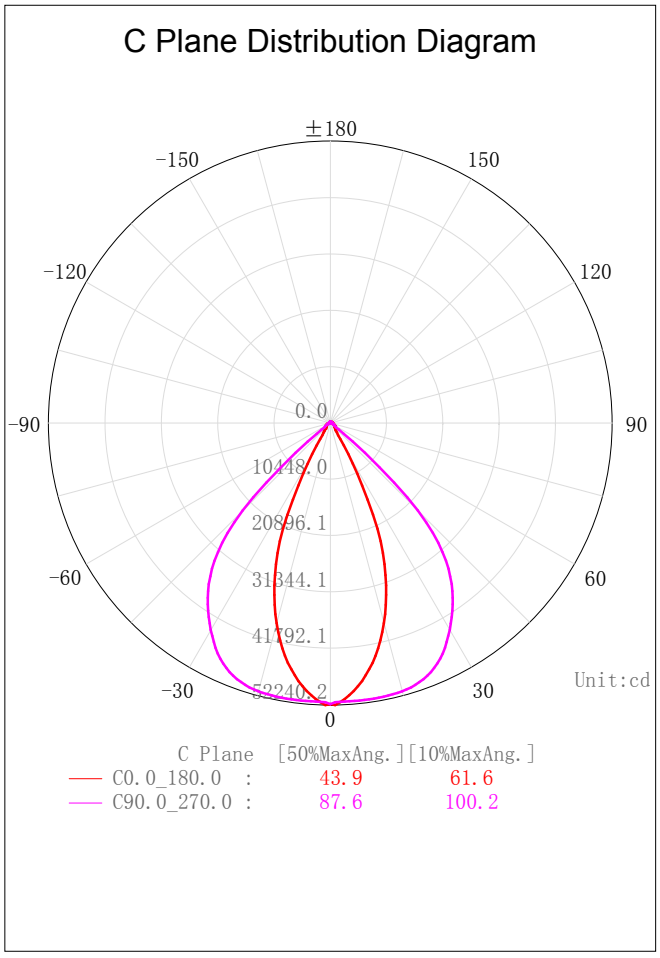
Indoor Luminaire Photometric Data

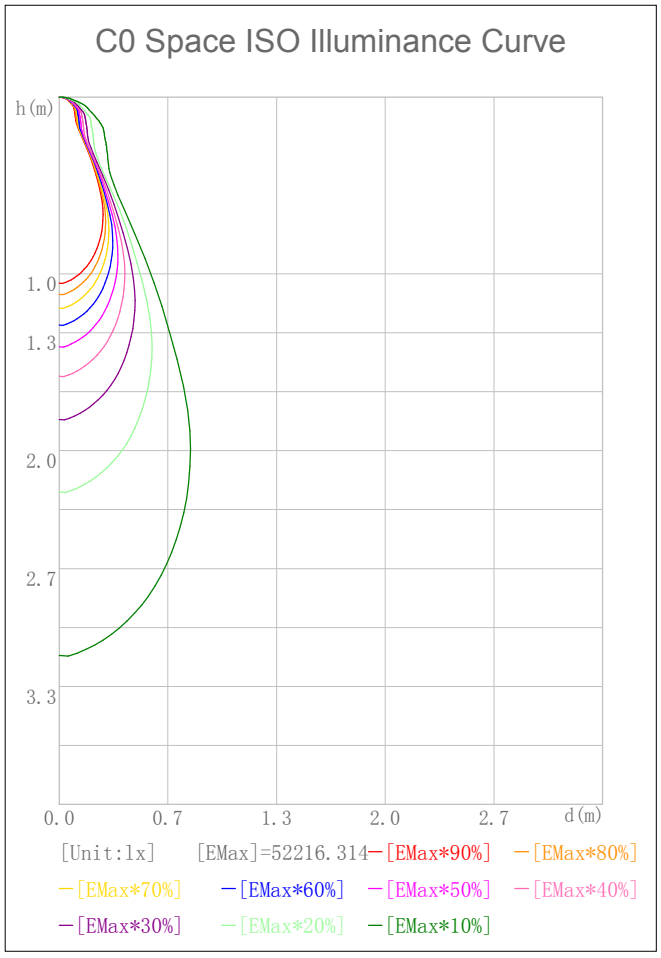
Description Information

Luminary Name: HB300ME6I-CO 30X90		Lum. Catelog: LED HIGH BAY-Mild	Test ID:
Lamp Name:		Lamp Catelog: CREE3030	Test Date: 2020/05/16
Manufacture:		Shld.Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum.Size(W*L*H):0.365m*0.720m*0.130m		Lum.Area(m2):0.356	Lum.W(kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp.(℃): 25	Humidity(%): 50.0

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm):	48000.000	Luminary Flux(lm): 47760.465	Field Angle(10%Imax): 61.6(°)
Rated Power(W):		Luminary Efficiency: 99.50%	Down Lumens&Percent: 46829.388lm 98.05%
Rated Voltage(V):		Luminary EER(lm/W): 158.410	Up Lumens&Percent: 931.077lm 1.95%
Tested Power(W):	301.500	Max.Candela(cd): 52240.180	S/MH: C0_a180=0.705 C90_270=1.244
Lamps' Inside:	1	Max Cand@Ang.(°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):221.5,1.325,0.974		Beam Angle(50%Imax): 43.9(°)	ErP Φuse(90°): 43446.548lm
Lamp Size(W*L*H):0.365m*0.720m*0.130m		Left=-21.9° ,Right=21.9°	IRF(%): 241.303



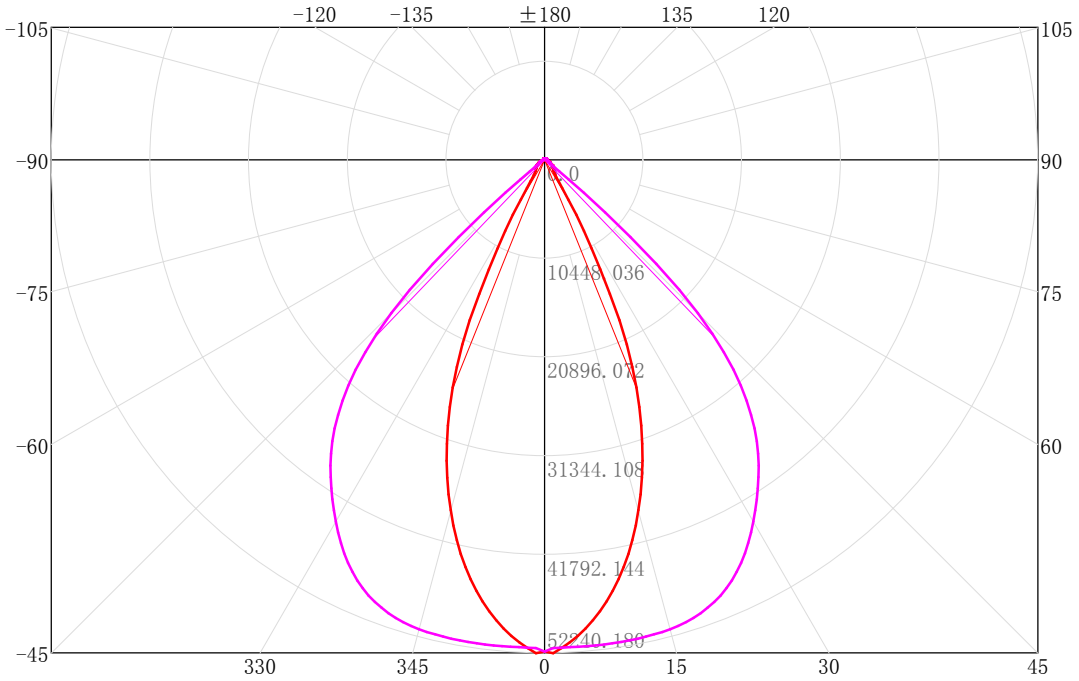


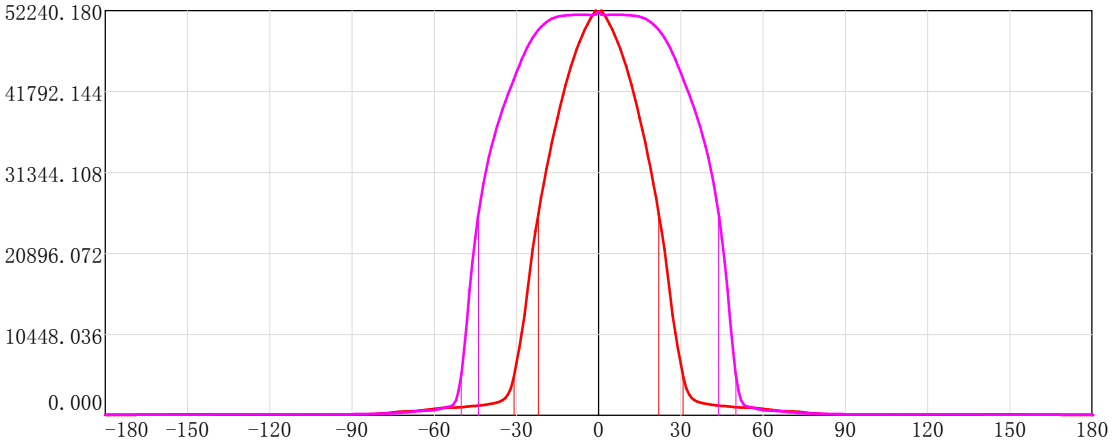
IES Indoor Report
Photometric Filename:HB300ME6I-CO 30X90.IES

2D Plane Light Intensity Distribution Curve

Lum.Name: HB300ME6I-CO 30X90	Lum.Catelog: LED HIGH BAY-Mil	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/05/16

C Plane Distribution Diagram





C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
C0.0_180.0 :	43.9	61.6	
C90.0_270.0 :	87.6	100.2	

IES Indoor Report
Photometric Filename:HB300ME6I-CO 30X90.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	49.68	49.68	0.10	0.10	47.0-48.0	300.30	44549.06	0.63	92.81
1.0-2.0	148.18	197.86	0.31	0.41	48.0-49.0	235.51	44784.57	0.49	93.30
2.0-3.0	245.27	443.14	0.51	0.92	49.0-50.0	179.24	44963.81	0.37	93.67
3.0-4.0	340.75	783.89	0.71	1.63	50.0-51.0	136.39	45100.20	0.28	93.96
4.0-5.0	434.38	1218.27	0.90	2.54	51.0-52.0	108.07	45208.27	0.23	94.18
5.0-6.0	525.89	1744.16	1.10	3.63	52.0-53.0	92.01	45300.28	0.19	94.38
6.0-7.0	615.04	2359.21	1.28	4.92	53.0-54.0	83.89	45384.16	0.17	94.55
7.0-8.0	701.62	3060.82	1.46	6.38	54.0-55.0	79.44	45463.61	0.17	94.72
8.0-9.0	785.32	3846.15	1.64	8.01	55.0-56.0	76.28	45539.88	0.16	94.87
9.0-10.0	865.90	4712.05	1.80	9.82	56.0-57.0	73.25	45613.13	0.15	95.03
10.0-11.0	943.01	5655.06	1.96	11.78	57.0-58.0	70.12	45683.25	0.15	95.17
11.0-12.0	1016.24	6671.29	2.12	13.90	58.0-59.0	67.04	45750.29	0.14	95.31
12.0-13.0	1085.23	7756.52	2.26	16.16	59.0-60.0	64.17	45814.45	0.13	95.45
13.0-14.0	1149.58	8906.10	2.39	18.55	60.0-61.0	61.53	45875.98	0.13	95.57
14.0-15.0	1208.99	10115.09	2.52	21.07	61.0-62.0	59.03	45935.01	0.12	95.70
15.0-16.0	1263.25	11378.34	2.63	23.70	62.0-63.0	56.64	45991.65	0.12	95.82
16.0-17.0	1311.94	12690.28	2.73	26.44	63.0-64.0	54.34	46046.00	0.11	95.93
17.0-18.0	1354.51	14044.80	2.82	29.26	64.0-65.0	52.03	46098.03	0.11	96.04
18.0-19.0	1390.61	15435.41	2.90	32.16	65.0-66.0	49.70	46147.73	0.10	96.14
19.0-20.0	1419.70	16855.11	2.96	35.11	66.0-67.0	47.44	46195.17	0.10	96.24
20.0-21.0	1441.21	18296.31	3.00	38.12	67.0-68.0	45.29	46240.46	0.09	96.33
21.0-22.0	1454.78	19751.09	3.03	41.15	68.0-69.0	43.22	46283.67	0.09	96.42
22.0-23.0	1459.48	21210.57	3.04	44.19	69.0-70.0	41.16	46324.83	0.09	96.51
23.0-24.0	1454.23	22664.80	3.03	47.22	70.0-71.0	39.17	46364.00	0.08	96.59
24.0-25.0	1438.51	24103.31	3.00	50.22	71.0-72.0	37.30	46401.31	0.08	96.67
25.0-26.0	1412.48	25515.80	2.94	53.16	72.0-73.0	35.44	46436.75	0.07	96.74
26.0-27.0	1377.96	26893.75	2.87	56.03	73.0-74.0	33.55	46470.30	0.07	96.81
27.0-28.0	1338.04	28231.79	2.79	58.82	74.0-75.0	31.67	46501.97	0.07	96.88
28.0-29.0	1293.73	29525.52	2.70	61.51	75.0-76.0	29.86	46531.82	0.06	96.94
29.0-30.0	1243.81	30769.33	2.59	64.10	76.0-77.0	28.16	46559.98	0.06	97.00
30.0-31.0	1188.69	31958.02	2.48	66.58	77.0-78.0	26.58	46586.57	0.06	97.06
31.0-32.0	1131.70	33089.71	2.36	68.94	78.0-79.0	25.14	46611.71	0.05	97.11
32.0-33.0	1077.20	34166.91	2.24	71.18	79.0-80.0	23.83	46635.54	0.05	97.16
33.0-34.0	1026.86	35193.77	2.14	73.32	80.0-81.0	22.64	46658.18	0.05	97.20
34.0-35.0	979.46	36173.23	2.04	75.36	81.0-82.0	21.62	46679.79	0.05	97.25
35.0-36.0	934.14	37107.37	1.95	77.31	82.0-83.0	20.78	46700.57	0.04	97.29
36.0-37.0	890.25	37997.62	1.85	79.16	83.0-84.0	20.07	46720.64	0.04	97.33
37.0-38.0	846.60	38844.22	1.76	80.93	84.0-85.0	19.38	46740.02	0.04	97.38
38.0-39.0	802.83	39647.05	1.67	82.60	85.0-86.0	18.73	46758.75	0.04	97.41
39.0-40.0	758.71	40405.76	1.58	84.18	86.0-87.0	18.21	46776.96	0.04	97.45
40.0-41.0	712.76	41118.52	1.48	85.66	87.0-88.0	17.81	46794.77	0.04	97.49
41.0-42.0	663.76	41782.28	1.38	87.05	88.0-89.0	17.47	46812.24	0.04	97.53
42.0-43.0	611.51	42393.79	1.27	88.32	89.0-90.0	17.15	46829.39	0.04	97.56
43.0-44.0	555.93	42949.72	1.16	89.48	90.0-91.0	16.85	46846.24	0.04	97.60
44.0-45.0	496.83	43446.55	1.04	90.51	91.0-92.0	16.58	46862.81	0.03	97.63
45.0-46.0	434.20	43880.75	0.90	91.42	92.0-93.0	16.33	46879.15	0.03	97.66
46.0-47.0	368.01	44248.76	0.77	92.18	93.0-94.0	16.10	46895.25	0.03	97.70

IES Indoor Report
Photometric Filename:HB300ME6I-CO 30X90.IES

Zonal Flux Tabulation - (Cont.)

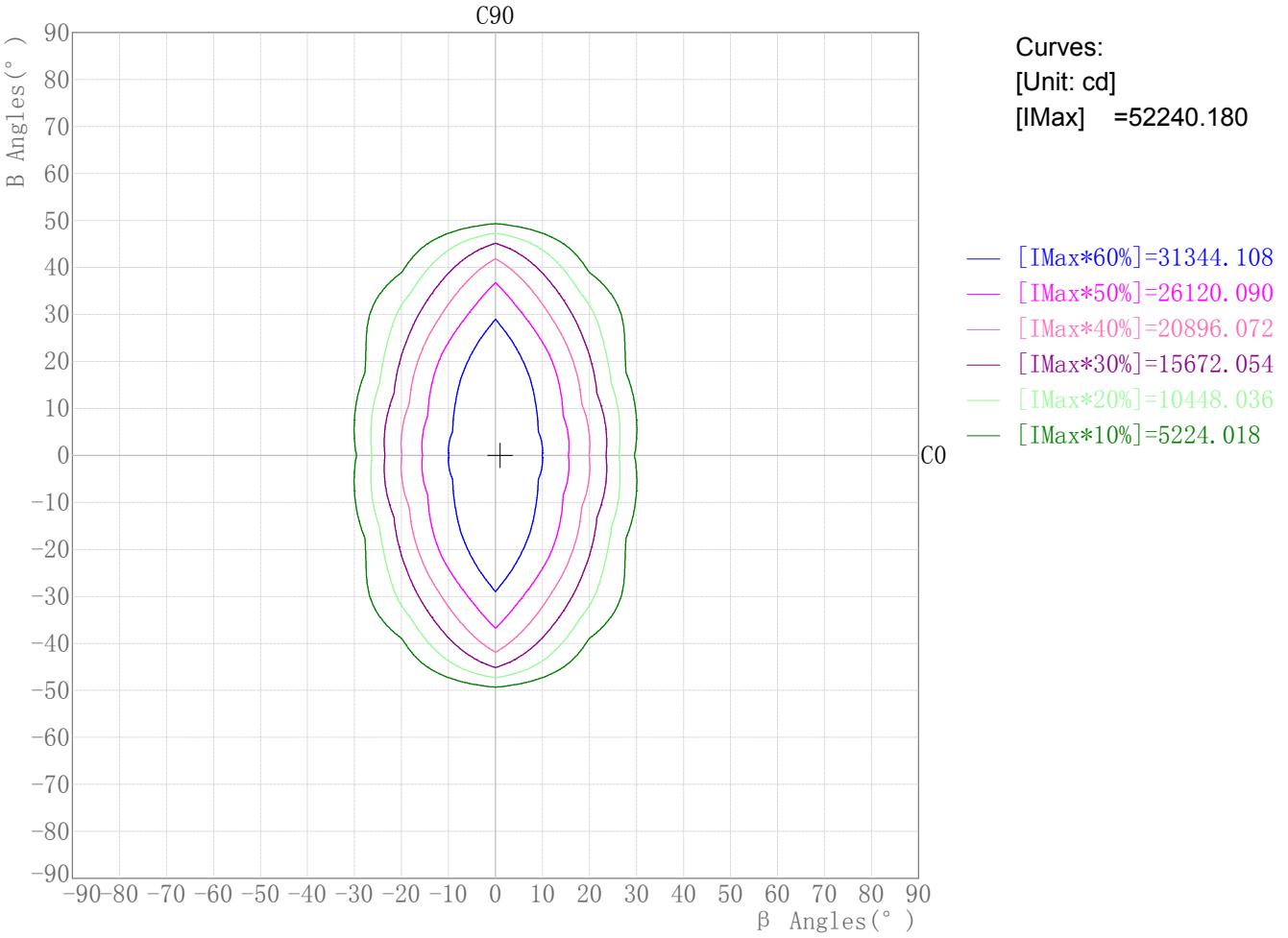
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	15.89	46911.14	0.03	97.73
95.0-96.0	15.71	46926.85	0.03	97.76
96.0-97.0	15.54	46942.40	0.03	97.80
97.0-98.0	15.40	46957.79	0.03	97.83
98.0-99.0	15.27	46973.06	0.03	97.86
99.0-100.0	15.15	46988.21	0.03	97.89
100.0-101.0	15.05	47003.26	0.03	97.92
101.0-102.0	14.97	47018.23	0.03	97.95
102.0-103.0	14.89	47033.12	0.03	97.99
103.0-104.0	14.83	47047.96	0.03	98.02
104.0-105.0	14.79	47062.74	0.03	98.05
105.0-106.0	14.74	47077.48	0.03	98.08
106.0-107.0	14.71	47092.19	0.03	98.11
107.0-108.0	14.68	47106.87	0.03	98.14
108.0-109.0	14.67	47121.54	0.03	98.17
109.0-110.0	14.66	47136.20	0.03	98.20
110.0-111.0	14.65	47150.84	0.03	98.23
111.0-112.0	14.64	47165.49	0.03	98.26
112.0-113.0	14.65	47180.14	0.03	98.29
113.0-114.0	14.65	47194.79	0.03	98.32
114.0-115.0	14.65	47209.43	0.03	98.35
115.0-116.0	14.64	47224.07	0.03	98.38
116.0-117.0	14.64	47238.71	0.03	98.41
117.0-118.0	14.62	47253.33	0.03	98.44
118.0-119.0	14.60	47267.93	0.03	98.47
119.0-120.0	14.57	47282.51	0.03	98.51
120.0-121.0	14.53	47297.04	0.03	98.54
121.0-122.0	14.49	47311.53	0.03	98.57
122.0-123.0	14.43	47325.95	0.03	98.60
123.0-124.0	14.36	47340.31	0.03	98.63
124.0-125.0	14.28	47354.59	0.03	98.66
125.0-126.0	14.19	47368.78	0.03	98.68
126.0-127.0	14.08	47382.86	0.03	98.71
127.0-128.0	13.96	47396.82	0.03	98.74
128.0-129.0	13.82	47410.65	0.03	98.77
129.0-130.0	13.68	47424.33	0.03	98.80
130.0-131.0	13.52	47437.85	0.03	98.83
131.0-132.0	13.35	47451.20	0.03	98.86
132.0-133.0	13.16	47464.36	0.03	98.88
133.0-134.0	12.96	47477.31	0.03	98.91
134.0-135.0	12.75	47490.06	0.03	98.94
135.0-136.0	12.52	47502.58	0.03	98.96
136.0-137.0	12.29	47514.87	0.03	98.99
137.0-138.0	12.04	47526.92	0.03	99.01
138.0-139.0	11.79	47538.70	0.02	99.04
139.0-140.0	11.53	47550.23	0.02	99.06
140.0-141.0	11.25	47561.48	0.02	99.09
141.0-142.0	10.97	47572.45	0.02	99.11
142.0-143.0	10.67	47583.12	0.02	99.13
143.0-144.0	10.37	47593.48	0.02	99.15
144.0-145.0	10.05	47603.54	0.02	99.17
145.0-146.0	9.74	47613.28	0.02	99.19
146.0-147.0	9.42	47622.69	0.02	99.21
147.0-148.0	9.09	47631.78	0.02	99.23
148.0-149.0	8.76	47640.54	0.02	99.25
149.0-150.0	8.43	47648.97	0.02	99.27
150.0-151.0	8.10	47657.07	0.02	99.29
151.0-152.0	7.76	47664.83	0.02	99.30
152.0-153.0	7.43	47672.26	0.02	99.32
153.0-154.0	7.09	47679.35	0.01	99.33
154.0-155.0	6.76	47686.11	0.01	99.35
155.0-156.0	6.43	47692.55	0.01	99.36
156.0-157.0	6.10	47698.65	0.01	99.37
157.0-158.0	5.78	47704.43	0.01	99.38
158.0-159.0	5.46	47709.89	0.01	99.40
159.0-160.0	5.14	47715.03	0.01	99.41
160.0-161.0	4.83	47719.86	0.01	99.42
161.0-162.0	4.52	47724.38	0.01	99.43
162.0-163.0	4.22	47728.61	0.01	99.43
163.0-164.0	3.93	47732.53	0.01	99.44
164.0-165.0	3.64	47736.17	0.01	99.45
165.0-166.0	3.35	47739.52	0.01	99.46
166.0-167.0	3.07	47742.59	0.01	99.46
167.0-168.0	2.80	47745.40	0.01	99.47
168.0-169.0	2.54	47747.94	0.01	99.47
169.0-170.0	2.29	47750.23	0.00	99.48
170.0-171.0	2.04	47752.26	0.00	99.48
171.0-172.0	1.79	47754.05	0.00	99.49
172.0-173.0	1.55	47755.61	0.00	99.49
173.0-174.0	1.33	47756.93	0.00	99.49
174.0-175.0	1.10	47758.04	0.00	99.50
175.0-176.0	0.89	47758.93	0.00	99.50
176.0-177.0	0.68	47759.61	0.00	99.50
177.0-178.0	0.48	47760.09	0.00	99.50
178.0-179.0	0.28	47760.37	0.00	99.50
179.0-180.0	0.09	47760.46	0.00	99.50

IES Indoor Report
Photometric Filename:HB300ME6I-CO 30X90.IES

Rectangle ISO Lighting Intensity Diagram

Lum.Name: HB300ME6I-CO 30X90	Lum.Catelog: LED HIGH BAY-Mil	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/05/16

ISO Lighting Intensity Curve



Curves:
[Unit: cd]
[IMax] =52240.180

[IMax*60%]=31344.108
[IMax*50%]=26120.090
[IMax*40%]=20896.072
[IMax*30%]=15672.054
[IMax*20%]=10448.036
[IMax*10%]=5224.018

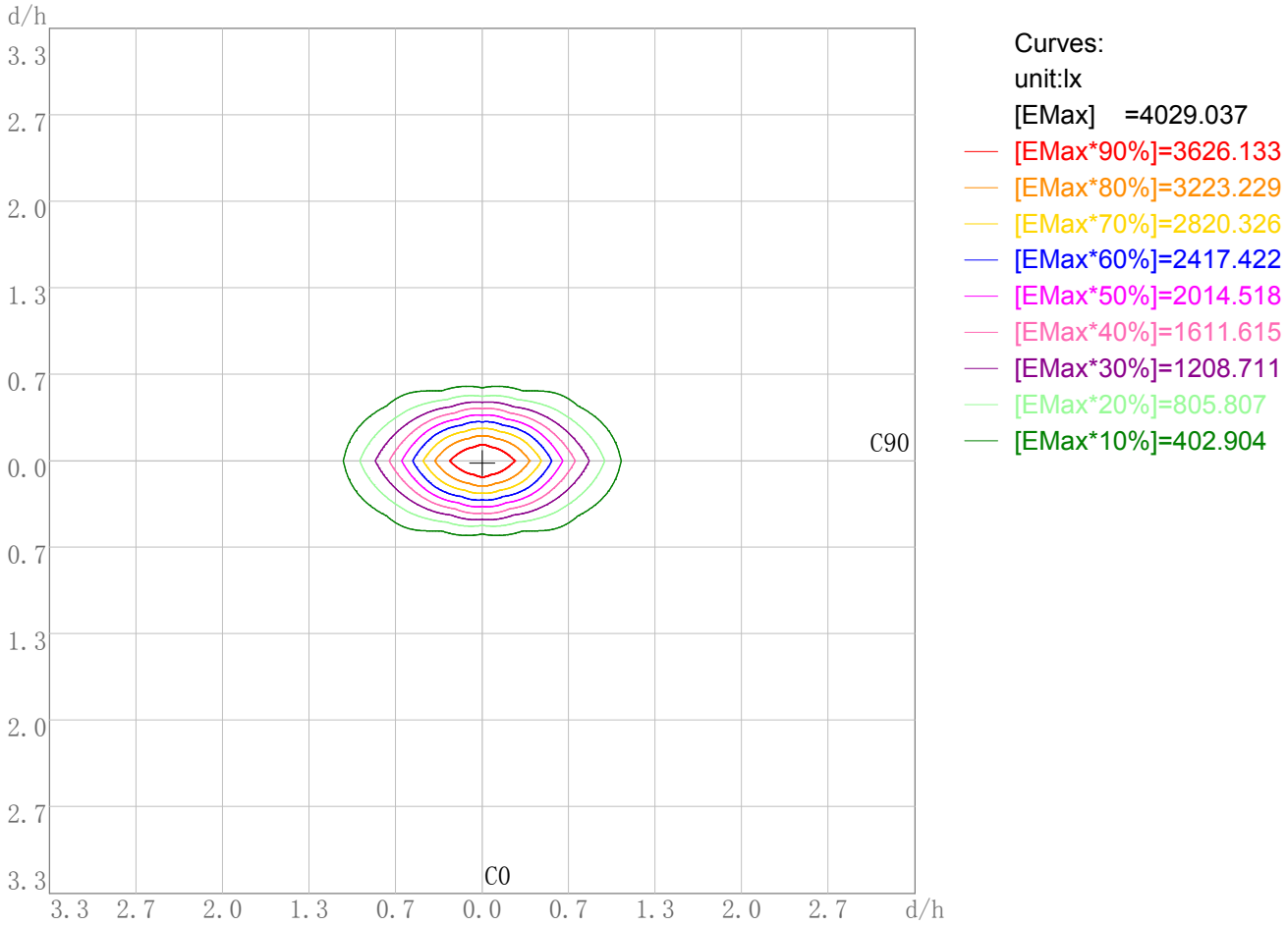
Maximum Light Intensity(cd): 52240.18
Maximum Cand.@Angle: H=1.0°,V=0.0°

IES Indoor Report
Photometric Filename:HB300ME6I-CO 30X90.IES

Plane ISO-Illuminance Diagram

Lum.Name: HB300ME6I-CO 30X90	Lum.Catelog: LED HIGH BAY-Mil	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/05/16

Plane ISO-Illuminance Curve



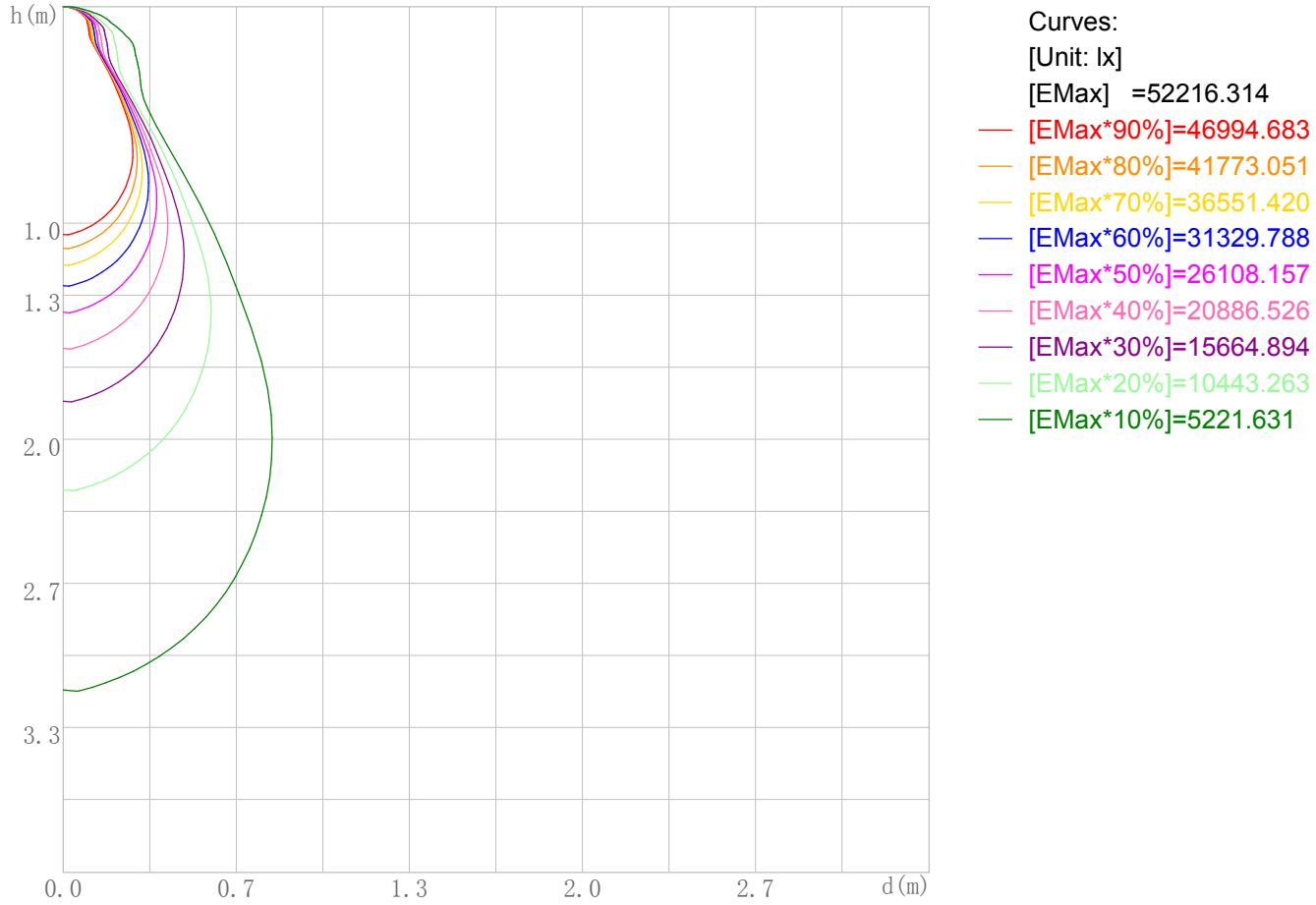
Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 4029.04
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

IES Indoor Report
Photometric Filename:HB300ME6I-CO 30X90.IES

Space ISO Illuminance Diagram

Lum.Name: HB300ME6I-CO 30X90	Lum.Catelog: LED HIGH BAY-Mil	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/05/16

Space ISO Illuminance Curve



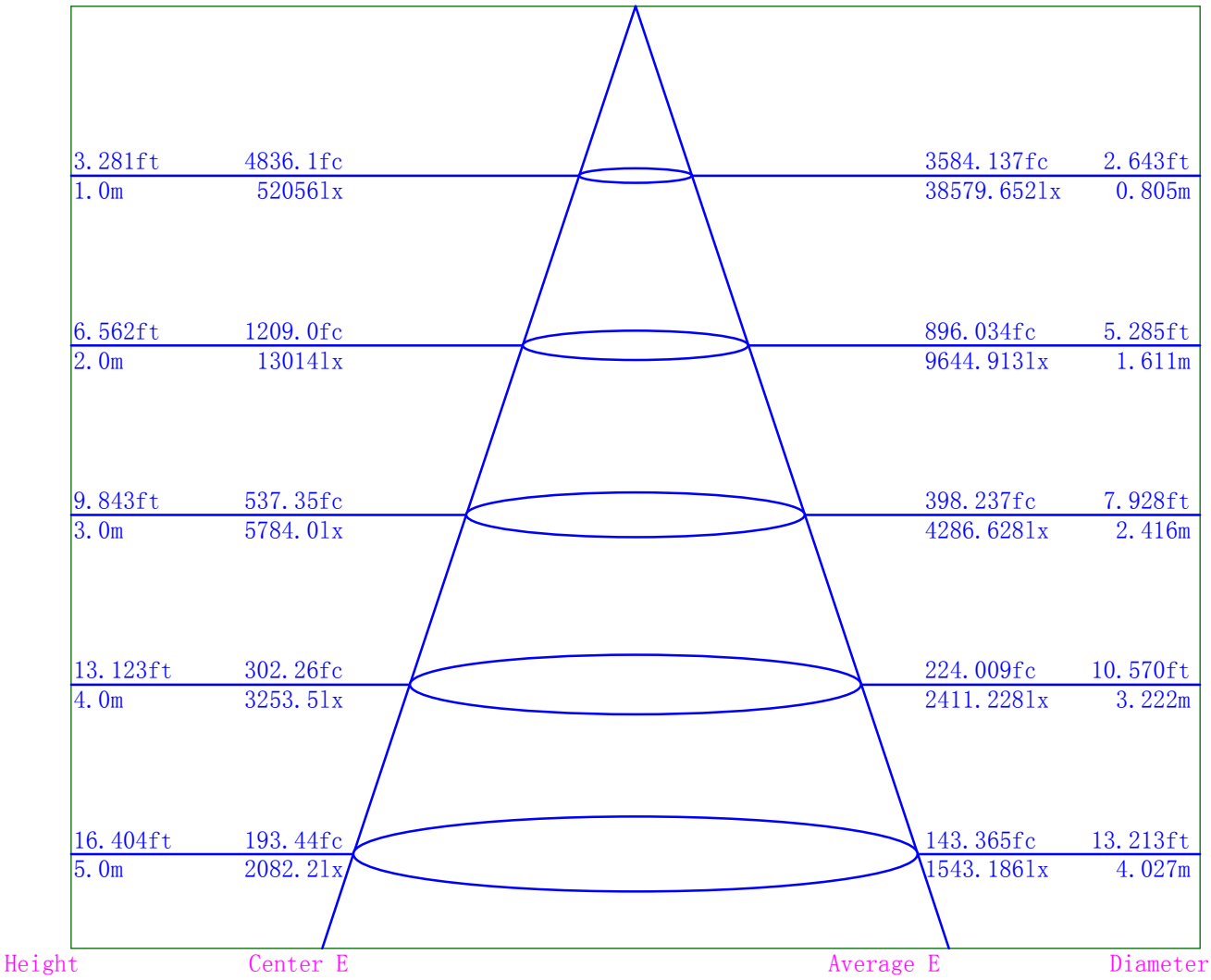
Space Plane Maximum Illuminance and @Angle:52216.31lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:52240.180cd,0eg

IES Indoor Report
Photometric Filename:HB300ME6I-CO 30X90.IES

Illuminance-Distance Diagram

Lum.Name: HB300ME6I-CO 30X90	Lum.Catelog: LED HIGH BAY-Mil	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/05/16

Illuminance-Distance Curve



Beam Angle:43.9

IES Indoor Report
Photometric Filename:HB300ME6I-CO 30X90.IES

Indoor Luminance Limiting Curves

Lum.Name: HB300ME6I-CO 30X90	Lum.Catelog: LED HIGH BAY-Mil	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/05/16

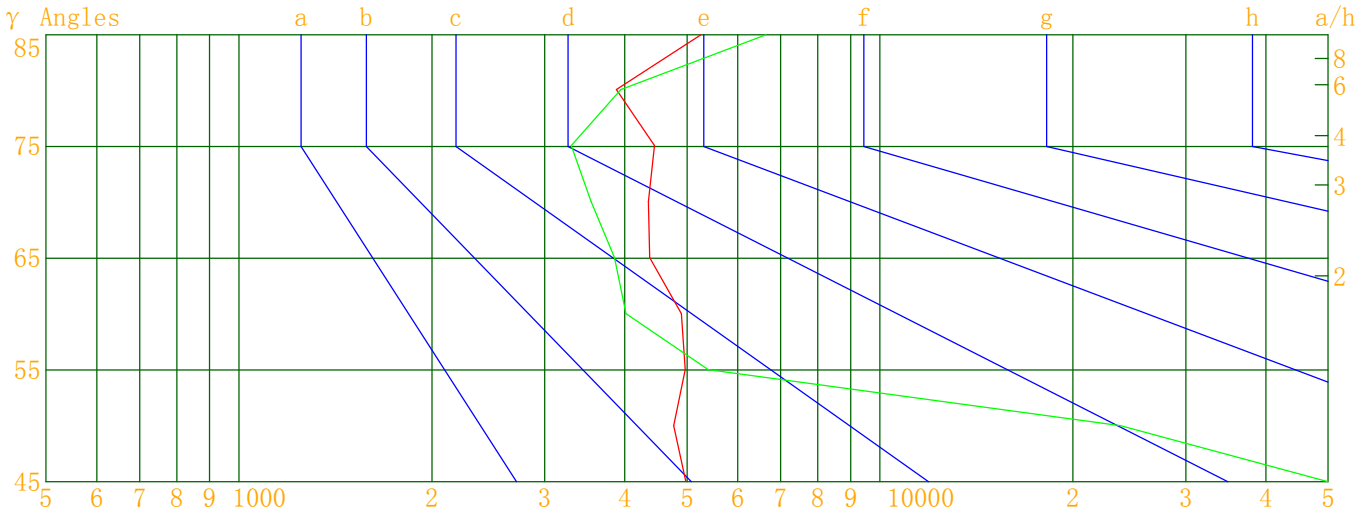
Glare Grade Table

GI	Quality	Using Illuminace							
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	4981	4767	4966	4899	4375	4353	4448	3881	5259
C90	91046	23730	5398	4016	3852	3543	3301	3945	6636

Luminance Limiting Curve



Luminous Size: Length(m)=0.720 Width(m)=0.365 Height(m)=0.130 Area(m^2)=0.356400

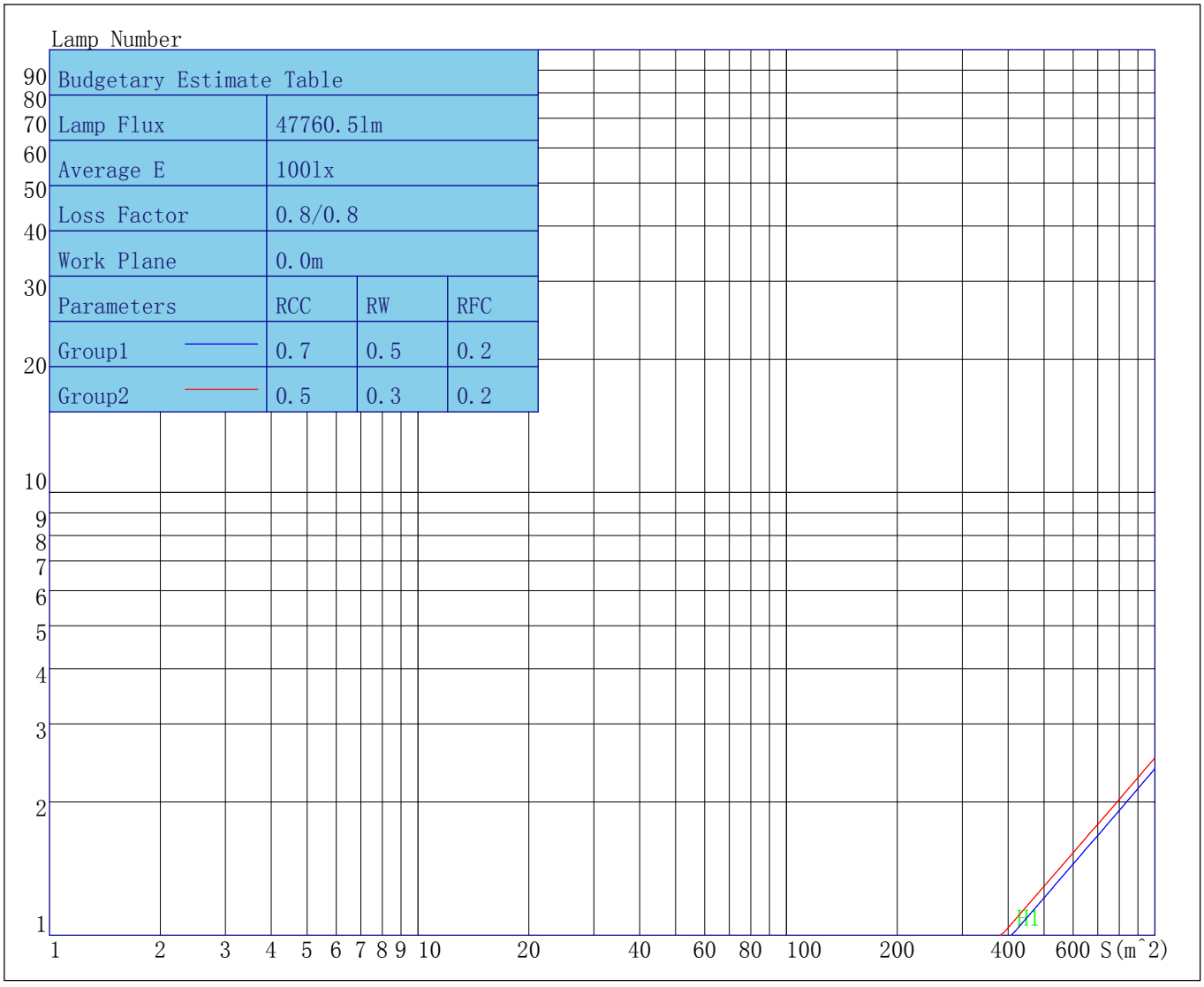
Luminous Type: Without Luminous Side

Luminous Curves: C0-C180 Color: C90-C270 Color:

IES Indoor Report
Photometric Filename:HB300ME6I-CO 30X90.IES

Indoor Budgetary Estimate Table

Lum.Name: HB300ME6I-CO 30X90	Lum.Catelog: LED HIGH BAY-Mil	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/05/16



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

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Indoor Coefficient of Utilization Table

Lum.Name: HB300ME6I-CO 30X90	Lum.Catelog: LED HIGH BAY-Mil	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/05/16

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	100	100	100	98
1	112	109	106	104	109	107	104	102	102	100	99	98	97	95	94	93	92	90
2	106	101	96	93	103	99	95	92	95	92	89	92	89	87	89	87	85	83
3	100	93	88	84	98	92	87	83	89	85	81	86	83	80	84	81	78	77
4	95	87	81	76	93	85	80	76	83	78	75	81	77	74	79	75	73	71
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	74	70	67	66
6	85	76	69	65	83	75	69	64	73	68	64	71	67	63	70	66	63	61
7	80	71	65	60	79	70	64	60	69	63	59	67	62	59	66	62	59	57
8	76	66	60	56	75	66	60	56	65	59	55	63	59	55	62	58	55	53
9	73	63	56	52	71	62	56	52	61	56	52	60	55	52	59	55	51	50
10	69	59	53	49	68	59	53	49	58	52	49	57	52	48	56	51	48	47

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Unified Glare Rating Table

Lum.Name: HB300ME6I-CO 30X90	Lum.Catelog: LED HIGH BAY-Mil	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/05/16

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	12.0	13.1	12.5	13.4	13.8	23.0	24.1	23.4	24.4	24.8
	Y=3H	13.0	13.9	13.4	14.2	14.7	22.9	23.8	23.3	24.2	24.6
	Y=4H	13.5	14.3	14.0	14.7	15.2	22.8	23.6	23.3	24.0	24.5
	Y=6H	13.9	14.7	14.4	15.1	15.6	22.7	23.5	23.2	23.9	24.4
	Y=8H	14.1	14.8	14.6	15.3	15.7	22.7	23.4	23.2	23.9	24.3
	Y=12H	14.3	15.0	14.8	15.4	15.9	22.7	23.4	23.2	23.8	24.3
X=4H	Y=2H	12.1	13.0	12.6	13.4	13.8	22.8	23.6	23.2	24.0	24.4
	Y=3H	13.2	13.9	13.7	14.3	14.8	22.6	23.3	23.1	23.7	24.2
	Y=4H	13.9	14.5	14.3	14.9	15.4	22.5	23.1	23.0	23.6	24.1
	Y=6H	14.5	15.0	15.0	15.5	16.0	22.5	23.0	23.0	23.5	24.0
	Y=8H	14.7	15.2	15.2	15.7	16.2	22.5	22.9	23.0	23.4	24.0
	Y=12H	15.0	15.5	15.6	16.0	16.5	22.5	22.9	23.0	23.4	23.9
X=8H	Y=4H	13.9	14.4	14.4	14.9	15.4	22.4	22.9	22.9	23.4	23.9
	Y=6H	14.7	15.0	15.2	15.6	16.1	22.3	22.7	22.9	23.3	23.8
	Y=8H	15.0	15.4	15.6	15.9	16.5	22.3	22.7	22.9	23.2	23.8
	Y=12H	15.5	15.8	16.1	16.4	17.0	22.4	22.7	22.9	23.2	23.8
X=12H	Y=4H	13.9	14.3	14.4	14.9	15.4	22.3	22.7	22.9	23.3	23.8
	Y=6H	14.7	15.0	15.3	15.5	16.1	22.3	22.6	22.9	23.1	23.7
	Y=8H	15.2	15.5	15.7	16.0	16.6	22.3	22.6	22.9	23.1	23.8
Variations with the objerver position at spacings											
S=1.0H		0.3/-0.2					0.1/-0.1				
S=1.5H		0.5/-0.5					0.3/-0.2				
S=2.0H		0.7/-0.6					0.5/-0.4				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		2.4					0.2				

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

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Candela Tabulation

V/H	C0.0	C30.0	C60.0	C90.0
γ 0.0	52056.0	52056.0	52056.0	52056.0
γ 1.0	52240.2	51638.1	51737.2	51698.5
γ 2.0	51741.4	51192.0	51464.9	51686.0
γ 3.0	51162.9	50690.9	51175.6	51682.3
γ 4.0	50524.2	50125.7	50878.1	51683.6
γ 5.0	49804.8	49503.2	50563.4	51690.2
γ 6.0	49002.3	48820.8	50222.7	51697.0
γ 7.0	48142.1	48093.0	49859.3	51700.3
γ 8.0	47195.9	47318.8	49465.1	51699.7
γ 9.0	46187.3	46490.4	49039.2	51691.1
γ 10.0	45102.1	45600.1	48593.1	51675.3
γ 11.0	43936.0	44634.6	48118.4	51650.3
γ 12.0	42674.1	43586.9	47616.7	51614.7
γ 13.0	41333.0	42453.0	47082.1	51573.4
γ 14.0	39890.8	41235.5	46506.3	51517.6
γ 15.0	38395.2	39937.2	45891.2	51443.7
γ 16.0	36843.8	38559.1	45237.9	51341.2
γ 17.0	35211.4	37116.9	44528.7	51196.5
γ 18.0	33523.1	35591.5	43752.3	51004.1
γ 19.0	31794.0	33992.9	42908.7	50765.3
γ 20.0	29956.6	32327.0	41977.4	50475.8
γ 21.0	28021.7	30598.8	40964.4	50140.3
γ 22.0	25990.4	28788.4	39879.8	49746.1
γ 23.0	23812.7	26871.5	38713.1	49282.8
γ 24.0	21425.6	24861.2	37460.2	48750.4
γ 25.0	18733.7	22802.1	36142.1	48150.2
γ 26.0	15807.0	20756.4	34726.7	47483.2
γ 27.0	12996.8	18716.8	33251.9	46748.0
γ 28.0	10643.4	16656.0	31756.7	45946.1
γ 29.0	8611.8	14564.5	30220.7	45097.2
γ 30.0	6696.8	12437.4	28669.0	44214.8
γ 31.0	4900.6	10350.2	27127.1	43309.0
γ 32.0	3506.8	8412.8	25564.5	42388.9
γ 33.0	2709.1	6683.2	23998.0	41464.4
γ 34.0	2262.6	5197.1	22439.2	40516.4
γ 35.0	1981.4	3999.6	20836.3	39523.7
γ 36.0	1797.1	3110.4	19183.9	38466.7
γ 37.0	1677.7	2461.8	17499.2	37325.8
γ 38.0	1591.7	2019.0	15765.9	36094.3
γ 39.0	1524.0	1753.4	14042.5	34753.6
γ 40.0	1467.5	1584.8	12362.5	33293.0
γ 41.0	1417.4	1467.4	10704.0	31680.6
γ 42.0	1373.1	1378.3	9084.6	29876.5
γ 43.0	1332.0	1303.8	7543.0	27848.3
γ 44.0	1292.6	1237.8	6083.0	25567.8
γ 45.0	1255.2	1178.7	4753.8	22944.8
γ 46.0	1219.8	1125.3	3625.2	19829.9

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 47.0	1180.2	1076.6	2731.1	16170.9
γ 48.0	1154.9	1031.2	2077.6	12232.2
γ 49.0	1124.2	987.9	1608.2	8489.5
γ 50.0	1092.1	946.9	1282.9	5436.3
γ 51.0	1068.1	904.5	1100.7	3275.2
γ 52.0	1053.1	862.4	1000.4	1978.6
γ 53.0	1040.4	822.0	919.9	1409.4
γ 54.0	1025.0	785.7	847.2	1194.9
γ 55.0	1015.1	754.1	782.8	1103.4
γ 56.0	1003.4	727.4	725.1	1027.4
γ 57.0	984.3	702.3	675.7	936.3
γ 58.0	953.6	676.8	634.5	844.6
γ 59.0	915.3	650.2	598.1	771.0
γ 60.0	873.1	623.2	565.7	715.6
γ 61.0	829.6	594.7	536.5	677.7
γ 62.0	784.7	565.0	509.2	647.3
γ 63.0	741.2	536.9	483.8	624.2
γ 64.0	699.6	508.6	459.4	602.4
γ 65.0	658.9	479.7	436.0	580.1
γ 66.0	619.0	451.0	414.0	557.5
γ 67.0	584.1	424.6	393.5	533.6
γ 68.0	557.6	399.0	374.0	506.8
γ 69.0	540.9	373.4	355.9	473.0
γ 70.0	530.6	347.7	338.9	431.8
γ 71.0	519.0	323.8	322.3	400.7
γ 72.0	501.6	301.9	306.2	374.9
γ 73.0	476.7	283.6	290.4	349.2
γ 74.0	444.9	267.6	274.9	325.6
γ 75.0	410.3	252.8	260.3	304.5
γ 76.0	375.6	238.4	246.9	287.4
γ 77.0	340.3	224.8	235.4	274.7
γ 78.0	305.6	212.4	225.3	263.0
γ 79.0	272.9	202.1	216.9	252.5
γ 80.0	240.2	193.2	209.0	244.2
γ 81.0	216.2	184.8	202.0	233.4
γ 82.0	199.5	176.5	195.5	225.3
γ 83.0	188.7	169.5	189.4	218.4
γ 84.0	178.5	163.5	184.1	211.8
γ 85.0	163.3	158.3	179.6	206.1
γ 86.0	150.6	153.9	175.5	200.9
γ 87.0	145.3	150.3	172.0	196.0
γ 88.0	142.0	147.1	168.7	191.9
γ 89.0	139.0	144.2	165.8	188.0
γ 90.0	136.0	141.4	163.1	184.7
γ 91.0	133.3	138.6	160.8	181.6
γ 92.0	131.0	136.5	159.0	179.0
γ 93.0	128.5	134.4	157.1	176.6

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 94.0	126.3	132.4	155.7	174.6
γ 95.0	124.1	130.8	154.5	172.7
γ 96.0	122.3	129.5	153.5	171.2
γ 97.0	120.4	128.4	152.7	169.9
γ 98.0	119.1	127.4	152.1	168.7
γ 99.0	118.0	126.6	151.7	167.8
γ 100.0	117.0	126.0	151.4	166.9
γ 101.0	116.3	125.8	151.2	166.2
γ 102.0	115.8	125.8	151.1	165.3
γ 103.0	115.8	125.8	151.2	164.6
γ 104.0	115.7	126.4	151.3	163.8
γ 105.0	116.3	126.9	151.4	163.2
γ 106.0	117.1	127.6	151.5	162.5
γ 107.0	118.3	128.6	151.7	161.9
γ 108.0	119.5	129.8	151.8	161.3
γ 109.0	121.4	131.0	152.1	160.8
γ 110.0	123.4	132.5	152.3	160.2
γ 111.0	125.8	133.8	152.5	159.6
γ 112.0	128.3	135.6	152.8	159.2
γ 113.0	130.9	137.5	153.1	158.9
γ 114.0	133.4	139.2	153.5	158.4
γ 115.0	136.3	141.1	153.7	158.1
γ 116.0	139.5	143.0	153.9	157.8
γ 117.0	142.5	145.1	154.3	157.5
γ 118.0	145.5	147.0	154.5	156.9
γ 119.0	148.6	149.1	154.7	156.7
γ 120.0	151.6	150.9	154.8	156.3
γ 121.0	154.4	152.8	155.2	156.1
γ 122.0	157.2	154.7	155.3	155.6
γ 123.0	159.9	156.4	155.4	155.4
γ 124.0	162.7	158.2	155.7	155.0
γ 125.0	165.1	159.9	155.6	154.4
γ 126.0	167.4	161.5	155.8	154.2
γ 127.0	169.6	163.0	155.8	153.5
γ 128.0	171.5	164.5	155.6	153.0
γ 129.0	173.3	165.7	155.6	152.3
γ 130.0	175.0	167.1	155.6	151.8
γ 131.0	176.4	167.9	155.4	151.1
γ 132.0	177.7	168.7	155.3	150.4
γ 133.0	178.6	169.4	154.9	149.7
γ 134.0	179.5	170.1	154.7	148.8
γ 135.0	180.1	170.5	154.2	148.2
γ 136.0	180.3	170.8	154.0	147.6
γ 137.0	180.7	171.0	153.6	146.7
γ 138.0	180.6	170.9	153.0	145.9
γ 139.0	180.4	170.9	152.5	145.3
γ 140.0	179.9	170.6	152.0	144.6

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 141.0	179.3	170.1	151.3	143.8
γ 142.0	178.5	169.5	150.5	143.1
γ 143.0	177.4	168.8	149.7	142.4
γ 144.0	176.2	167.6	148.7	141.6
γ 145.0	174.5	166.6	147.8	140.8
γ 146.0	172.7	165.4	146.8	140.2
γ 147.0	170.9	163.8	145.8	139.5
γ 148.0	168.7	162.0	145.0	138.6
γ 149.0	166.4	160.3	144.1	138.3
γ 150.0	163.9	158.3	143.0	137.6
γ 151.0	161.2	156.3	142.1	137.2
γ 152.0	158.2	154.1	141.0	136.8
γ 153.0	154.9	151.8	140.1	136.2
γ 154.0	151.5	149.5	139.2	135.8
γ 155.0	148.4	147.1	138.1	135.4
γ 156.0	145.0	144.5	137.1	135.0
γ 157.0	141.3	142.0	136.1	134.4
γ 158.0	137.6	139.5	134.9	134.0
γ 159.0	134.0	136.7	134.1	133.6
γ 160.0	130.4	134.1	132.8	133.1
γ 161.0	126.7	131.5	131.9	132.5
γ 162.0	123.1	128.7	130.8	132.1
γ 163.0	119.6	126.0	129.6	131.4
γ 164.0	116.1	123.3	128.4	130.8
γ 165.0	112.8	120.6	127.1	130.2
γ 166.0	109.4	118.0	125.9	129.5
γ 167.0	106.3	115.3	124.5	128.7
γ 168.0	103.4	112.9	123.1	127.8
γ 169.0	100.6	110.5	121.7	127.1
γ 170.0	97.8	108.2	120.2	126.0
γ 171.0	95.5	105.7	118.5	124.8
γ 172.0	93.3	103.3	116.8	123.5
γ 173.0	91.5	101.2	115.3	122.1
γ 174.0	89.6	99.0	113.6	120.8
γ 175.0	88.1	96.8	111.9	119.4
γ 176.0	86.6	95.0	110.4	118.1
γ 177.0	85.4	93.2	108.6	116.7
γ 178.0	84.2	91.9	106.9	115.4
γ 179.0	83.5	90.7	105.4	114.0
γ 180.0	97.3	97.3	97.3	97.3