IES Indoor Report
Photometric Filename:HB200ME4I-CM D110.IES

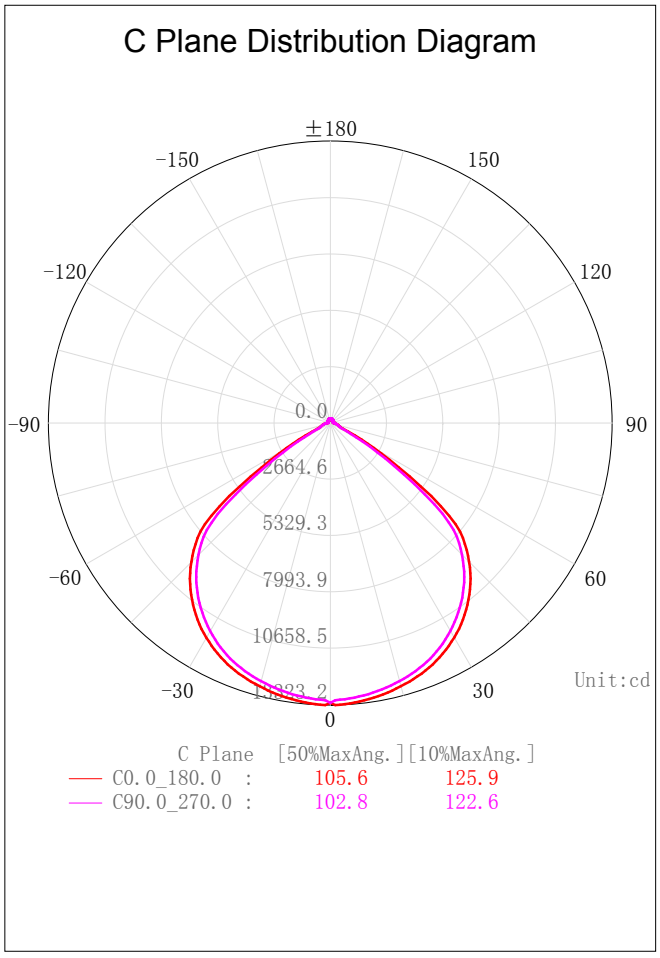
Indoor Luminaire Photometric Data

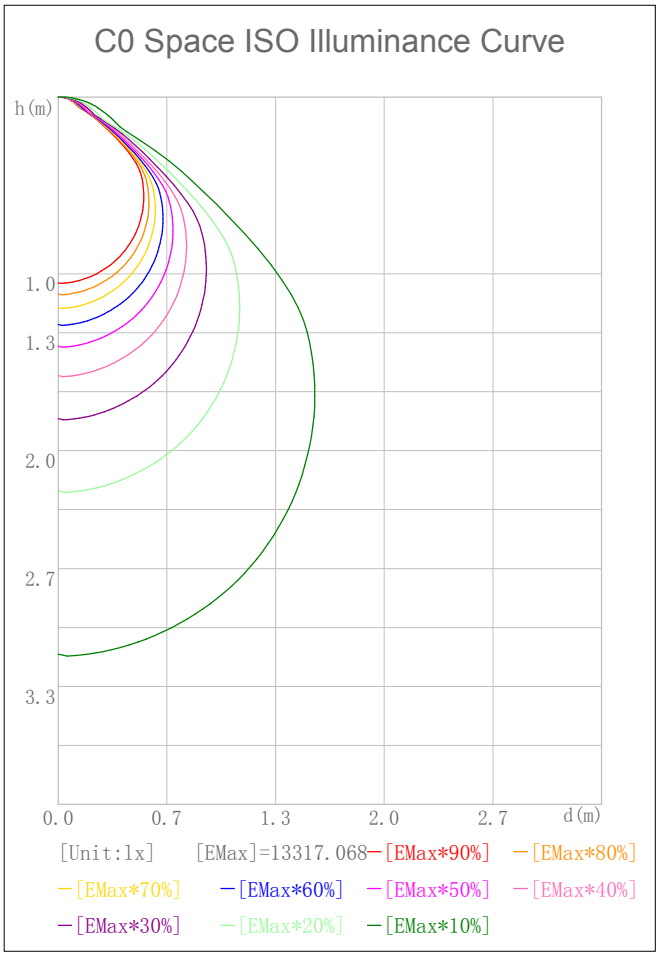
Description Information

Luminary Name: HB200ME4I-CM D110		Lum. Catelog: LED HighBay Mildb	Test ID:
Lamp Name:		Lamp Catelog: CREE3030	Test Date: 2020/04/10
Manufacture:		Shld.Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum.Size(W*L*H):0.560m*0.695m*0.170m		Lum.Area(m2):0.507	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):	31100.000	Luminary Flux(lm): 31084.054	Field Angle(10%Imax): 125.9(°)
Rated Power(W):		Luminary Efficiency: 99.95%	Down Lumens&Percent: 30177.129lm 97.08%
Rated Voltage(V):		Luminary EER(lm/W): 155.810	Up Lumens&Percent: 906.924lm 2.92%
Tested Power(W):	199.500	Max.Candela(cd): 13323.154	S/MH: C0_a180=1.312 C90_270=1.274
Lamps' Inside:	1	Max Cand@Ang.(°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):221.7,0.913,0.985		Beam Angle(50%Imax): 105.6(°)	ErP Φuse(120°): 28670.524lm
Lamp Size(W*L*H):0.560m*0.695m*0.170m		Left=-52.8° ,Right=52.8°	IRF(%): 109.107



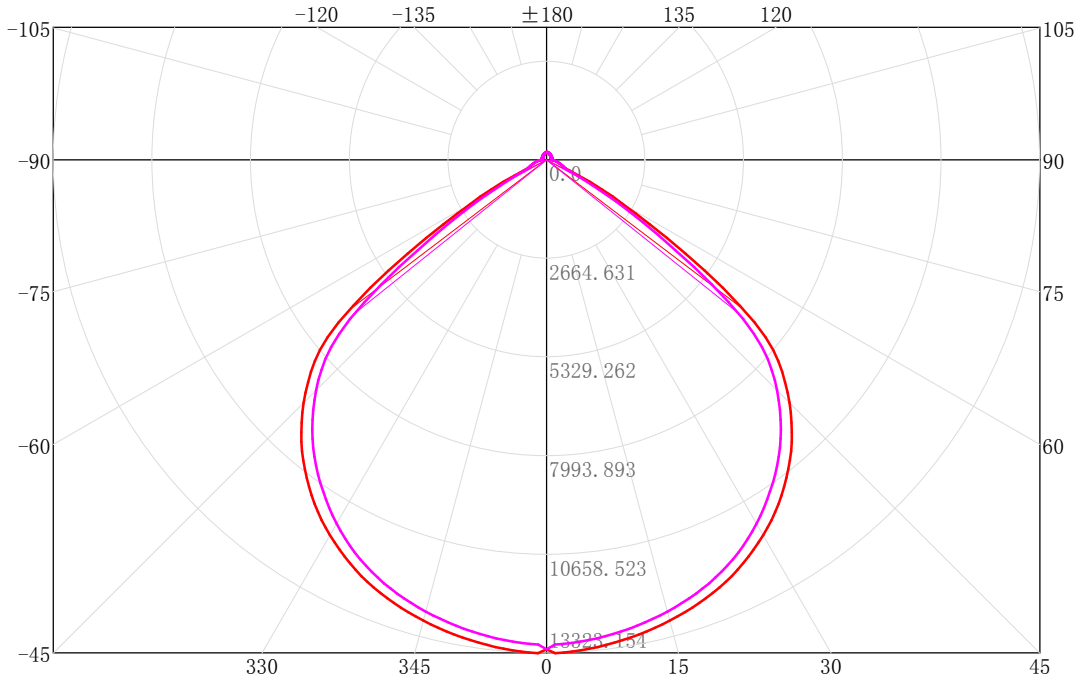


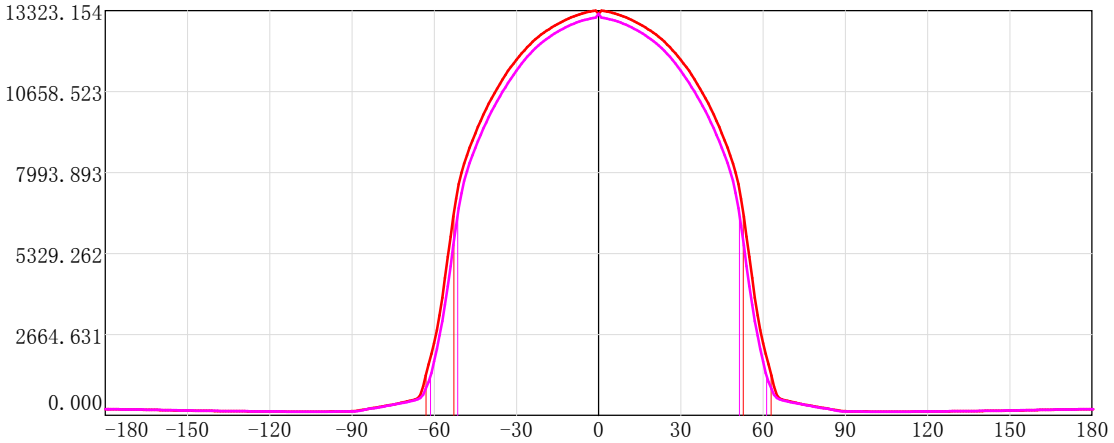
IES Indoor Report
Photometric Filename:HB200ME4I-CM D110.IES

2D Plane Light Intensity Distribution Curve

Lum.Name: HB200ME4I-CM D110	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10

C Plane Distribution Diagram





C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
C0.0_180.0 :	105.6	125.9	
C90.0_270.0 :	102.8	122.6	

IES Indoor Report
Photometric Filename:HB200ME4I-CM D110.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	12.64	12.64	0.04	0.04	47.0-48.0	677.76	22731.06	2.18	73.09
1.0-2.0	37.89	50.54	0.12	0.16	48.0-49.0	666.33	23397.39	2.14	75.23
2.0-3.0	63.06	113.60	0.20	0.37	49.0-50.0	652.03	24049.41	2.10	77.33
3.0-4.0	88.13	201.73	0.28	0.65	50.0-51.0	633.81	24683.22	2.04	79.37
4.0-5.0	113.07	314.80	0.36	1.01	51.0-52.0	610.76	25293.98	1.96	81.33
5.0-6.0	137.85	452.66	0.44	1.46	52.0-53.0	582.23	25876.21	1.87	83.20
6.0-7.0	162.45	615.11	0.52	1.98	53.0-54.0	547.42	26423.63	1.76	84.96
7.0-8.0	186.85	801.96	0.60	2.58	54.0-55.0	505.79	26929.42	1.63	86.59
8.0-9.0	211.03	1012.99	0.68	3.26	55.0-56.0	457.12	27386.53	1.47	88.06
9.0-10.0	234.95	1247.94	0.76	4.01	56.0-57.0	403.15	27789.69	1.30	89.36
10.0-11.0	258.62	1506.56	0.83	4.84	57.0-58.0	347.46	28137.15	1.12	90.47
11.0-12.0	282.01	1788.58	0.91	5.75	58.0-59.0	292.60	28429.76	0.94	91.41
12.0-13.0	305.08	2093.66	0.98	6.73	59.0-60.0	240.77	28670.53	0.77	92.19
13.0-14.0	327.83	2421.48	1.05	7.79	60.0-61.0	194.12	28864.65	0.62	92.81
14.0-15.0	350.21	2771.69	1.13	8.91	61.0-62.0	152.84	29017.49	0.49	93.30
15.0-16.0	372.21	3143.90	1.20	10.11	62.0-63.0	117.14	29134.63	0.38	93.68
16.0-17.0	393.81	3537.71	1.27	11.38	63.0-64.0	88.46	29223.08	0.28	93.96
17.0-18.0	414.98	3952.69	1.33	12.71	64.0-65.0	68.93	29292.01	0.22	94.19
18.0-19.0	435.69	4388.38	1.40	14.11	65.0-66.0	59.23	29351.25	0.19	94.38
19.0-20.0	455.89	4844.27	1.47	15.58	66.0-67.0	55.39	29406.64	0.18	94.56
20.0-21.0	475.56	5319.83	1.53	17.11	67.0-68.0	53.09	29459.73	0.17	94.73
21.0-22.0	494.68	5814.51	1.59	18.70	68.0-69.0	50.95	29510.68	0.16	94.89
22.0-23.0	513.19	6327.70	1.65	20.35	69.0-70.0	48.92	29559.60	0.16	95.05
23.0-24.0	531.09	6858.79	1.71	22.05	70.0-71.0	47.09	29606.69	0.15	95.20
24.0-25.0	548.32	7407.11	1.76	23.82	71.0-72.0	45.39	29652.08	0.15	95.34
25.0-26.0	564.88	7971.99	1.82	25.63	72.0-73.0	43.73	29695.81	0.14	95.48
26.0-27.0	580.70	8552.69	1.87	27.50	73.0-74.0	42.06	29737.87	0.14	95.62
27.0-28.0	595.77	9148.47	1.92	29.42	74.0-75.0	40.36	29778.23	0.13	95.75
28.0-29.0	610.06	9758.52	1.96	31.38	75.0-76.0	38.67	29816.91	0.12	95.87
29.0-30.0	623.50	10382.03	2.00	33.38	76.0-77.0	37.04	29853.95	0.12	95.99
30.0-31.0	636.09	11018.12	2.05	35.43	77.0-78.0	35.42	29889.37	0.11	96.11
31.0-32.0	647.78	11665.90	2.08	37.51	78.0-79.0	33.77	29923.14	0.11	96.22
32.0-33.0	658.52	12324.42	2.12	39.63	79.0-80.0	32.02	29955.16	0.10	96.32
33.0-34.0	668.31	12992.73	2.15	41.78	80.0-81.0	30.19	29985.34	0.10	96.42
34.0-35.0	677.13	13669.86	2.18	43.95	81.0-82.0	28.43	30013.77	0.09	96.51
35.0-36.0	684.88	14354.74	2.20	46.16	82.0-83.0	26.73	30040.51	0.09	96.59
36.0-37.0	691.58	15046.32	2.22	48.38	83.0-84.0	24.85	30065.36	0.08	96.67
37.0-38.0	697.16	15743.47	2.24	50.62	84.0-85.0	22.80	30088.16	0.07	96.75
38.0-39.0	701.51	16444.99	2.26	52.88	85.0-86.0	20.86	30109.03	0.07	96.81
39.0-40.0	704.62	17149.61	2.27	55.14	86.0-87.0	19.03	30128.06	0.06	96.87
40.0-41.0	706.44	17856.05	2.27	57.41	87.0-88.0	17.27	30145.33	0.06	96.93
41.0-42.0	706.89	18562.95	2.27	59.69	88.0-89.0	16.12	30161.45	0.05	96.98
42.0-43.0	705.96	19268.91	2.27	61.96	89.0-90.0	15.68	30177.13	0.05	97.03
43.0-44.0	703.59	19972.51	2.26	64.22	90.0-91.0	15.42	30192.55	0.05	97.08
44.0-45.0	699.68	20672.19	2.25	66.47	91.0-92.0	15.21	30207.76	0.05	97.13
45.0-46.0	694.17	21366.35	2.23	68.70	92.0-93.0	15.04	30222.80	0.05	97.18
46.0-47.0	686.95	22053.30	2.21	70.91	93.0-94.0	14.87	30237.67	0.05	97.23

IES Indoor Report
Photometric Filename:HB200ME4I-CM D110.IES

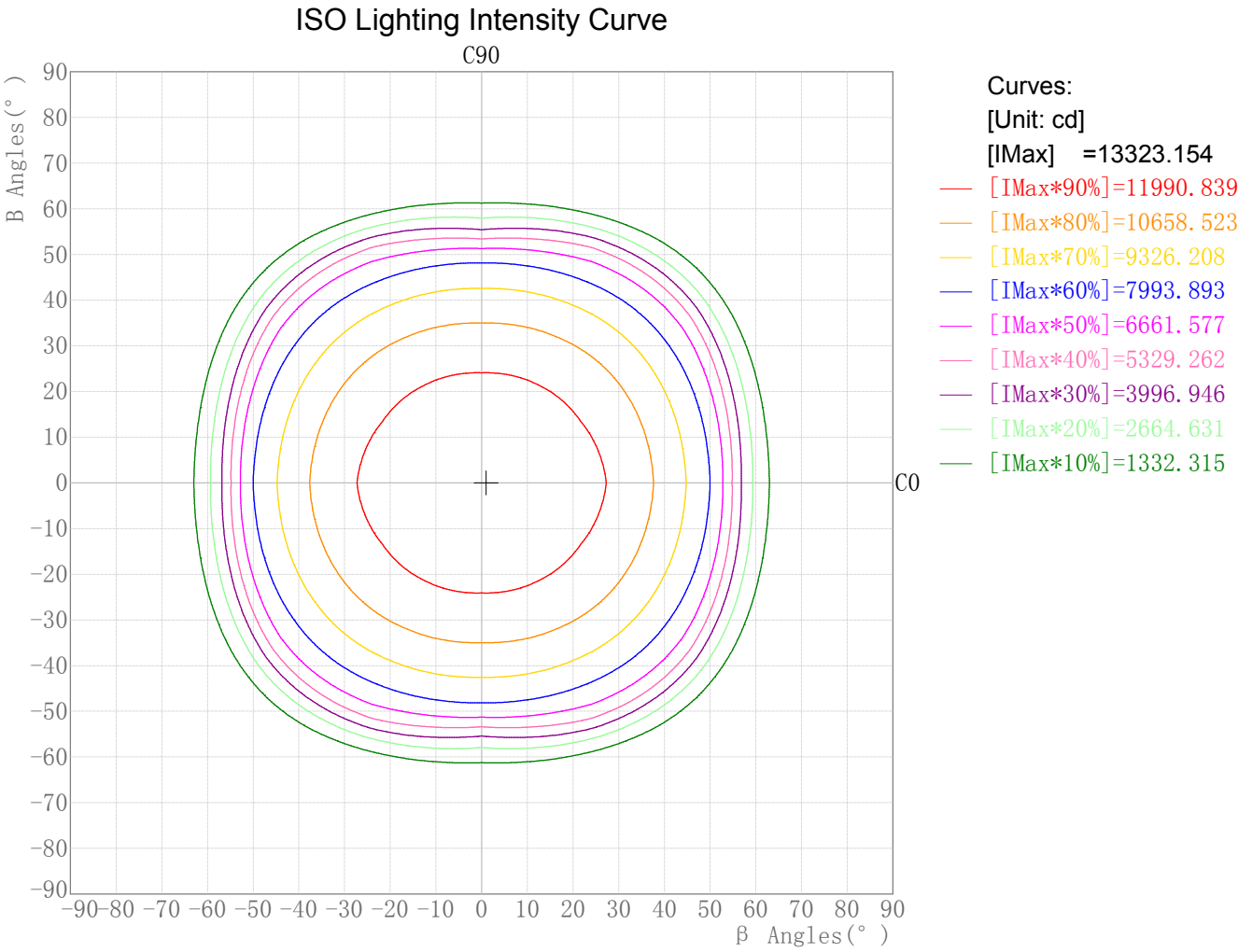
Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	14.71	30252.38	0.05	97.27
95.0-96.0	14.57	30266.94	0.05	97.32
96.0-97.0	14.43	30281.37	0.05	97.37
97.0-98.0	14.30	30295.68	0.05	97.41
98.0-99.0	14.19	30309.87	0.05	97.46
99.0-100.0	14.09	30323.96	0.05	97.50
100.0-101.0	13.99	30337.95	0.04	97.55
101.0-102.0	13.90	30351.84	0.04	97.59
102.0-103.0	13.81	30365.66	0.04	97.64
103.0-104.0	13.74	30379.39	0.04	97.68
104.0-105.0	13.66	30393.06	0.04	97.73
105.0-106.0	13.59	30406.65	0.04	97.77
106.0-107.0	13.53	30420.18	0.04	97.81
107.0-108.0	13.47	30433.64	0.04	97.86
108.0-109.0	13.41	30447.06	0.04	97.90
109.0-110.0	13.36	30460.42	0.04	97.94
110.0-111.0	13.32	30473.74	0.04	97.99
111.0-112.0	13.27	30487.01	0.04	98.03
112.0-113.0	13.23	30500.24	0.04	98.07
113.0-114.0	13.18	30513.42	0.04	98.11
114.0-115.0	13.14	30526.56	0.04	98.16
115.0-116.0	13.09	30539.66	0.04	98.20
116.0-117.0	13.04	30552.70	0.04	98.24
117.0-118.0	12.99	30565.69	0.04	98.28
118.0-119.0	12.94	30578.63	0.04	98.32
119.0-120.0	12.88	30591.50	0.04	98.36
120.0-121.0	12.81	30604.31	0.04	98.41
121.0-122.0	12.75	30617.06	0.04	98.45
122.0-123.0	12.68	30629.74	0.04	98.49
123.0-124.0	12.61	30642.35	0.04	98.53
124.0-125.0	12.54	30654.89	0.04	98.57
125.0-126.0	12.46	30667.35	0.04	98.61
126.0-127.0	12.38	30679.72	0.04	98.65
127.0-128.0	12.29	30692.01	0.04	98.69
128.0-129.0	12.20	30704.21	0.04	98.73
129.0-130.0	12.10	30716.31	0.04	98.77
130.0-131.0	12.00	30728.31	0.04	98.80
131.0-132.0	11.89	30740.19	0.04	98.84
132.0-133.0	11.77	30751.96	0.04	98.88
133.0-134.0	11.64	30763.61	0.04	98.92
134.0-135.0	11.52	30775.13	0.04	98.96
135.0-136.0	11.38	30786.51	0.04	98.99
136.0-137.0	11.24	30797.75	0.04	99.03
137.0-138.0	11.10	30808.86	0.04	99.06
138.0-139.0	10.96	30819.82	0.04	99.10
139.0-140.0	10.81	30830.62	0.03	99.13
140.0-141.0	10.66	30841.28	0.03	99.17
141.0-142.0	10.51	30851.79	0.03	99.20
142.0-143.0	10.36	30862.15	0.03	99.24
143.0-144.0	10.20	30872.35	0.03	99.27
144.0-145.0	10.04	30882.39	0.03	99.30
145.0-146.0	9.88	30892.26	0.03	99.33
146.0-147.0	9.71	30901.97	0.03	99.36
147.0-148.0	9.54	30911.51	0.03	99.39
148.0-149.0	9.37	30920.88	0.03	99.42
149.0-150.0	9.19	30930.07	0.03	99.45
150.0-151.0	9.00	30939.07	0.03	99.48
151.0-152.0	8.81	30947.87	0.03	99.51
152.0-153.0	8.61	30956.48	0.03	99.54
153.0-154.0	8.40	30964.88	0.03	99.57
154.0-155.0	8.18	30973.07	0.03	99.59
155.0-156.0	7.96	30981.03	0.03	99.62
156.0-157.0	7.74	30988.76	0.02	99.64
157.0-158.0	7.50	30996.26	0.02	99.67
158.0-159.0	7.25	31003.52	0.02	99.69
159.0-160.0	7.00	31010.52	0.02	99.71
160.0-161.0	6.74	31017.26	0.02	99.73
161.0-162.0	6.47	31023.72	0.02	99.75
162.0-163.0	6.19	31029.91	0.02	99.77
163.0-164.0	5.90	31035.82	0.02	99.79
164.0-165.0	5.61	31041.42	0.02	99.81
165.0-166.0	5.30	31046.72	0.02	99.83
166.0-167.0	4.98	31051.70	0.02	99.84
167.0-168.0	4.66	31056.36	0.01	99.86
168.0-169.0	4.32	31060.68	0.01	99.87
169.0-170.0	3.98	31064.66	0.01	99.89
170.0-171.0	3.63	31068.29	0.01	99.90
171.0-172.0	3.27	31071.56	0.01	99.91
172.0-173.0	2.90	31074.46	0.01	99.92
173.0-174.0	2.53	31076.99	0.01	99.93
174.0-175.0	2.15	31079.13	0.01	99.93
175.0-176.0	1.76	31080.90	0.01	99.94
176.0-177.0	1.38	31082.28	0.00	99.94
177.0-178.0	0.99	31083.26	0.00	99.95
178.0-179.0	0.59	31083.85	0.00	99.95
179.0-180.0	0.20	31084.05	0.00	99.95

IES Indoor Report
Photometric Filename:HB200ME4I-CM D110.IES

Rectangle ISO Lighting Intensity Diagram

Lum.Name: HB200ME4I-CM D110	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10



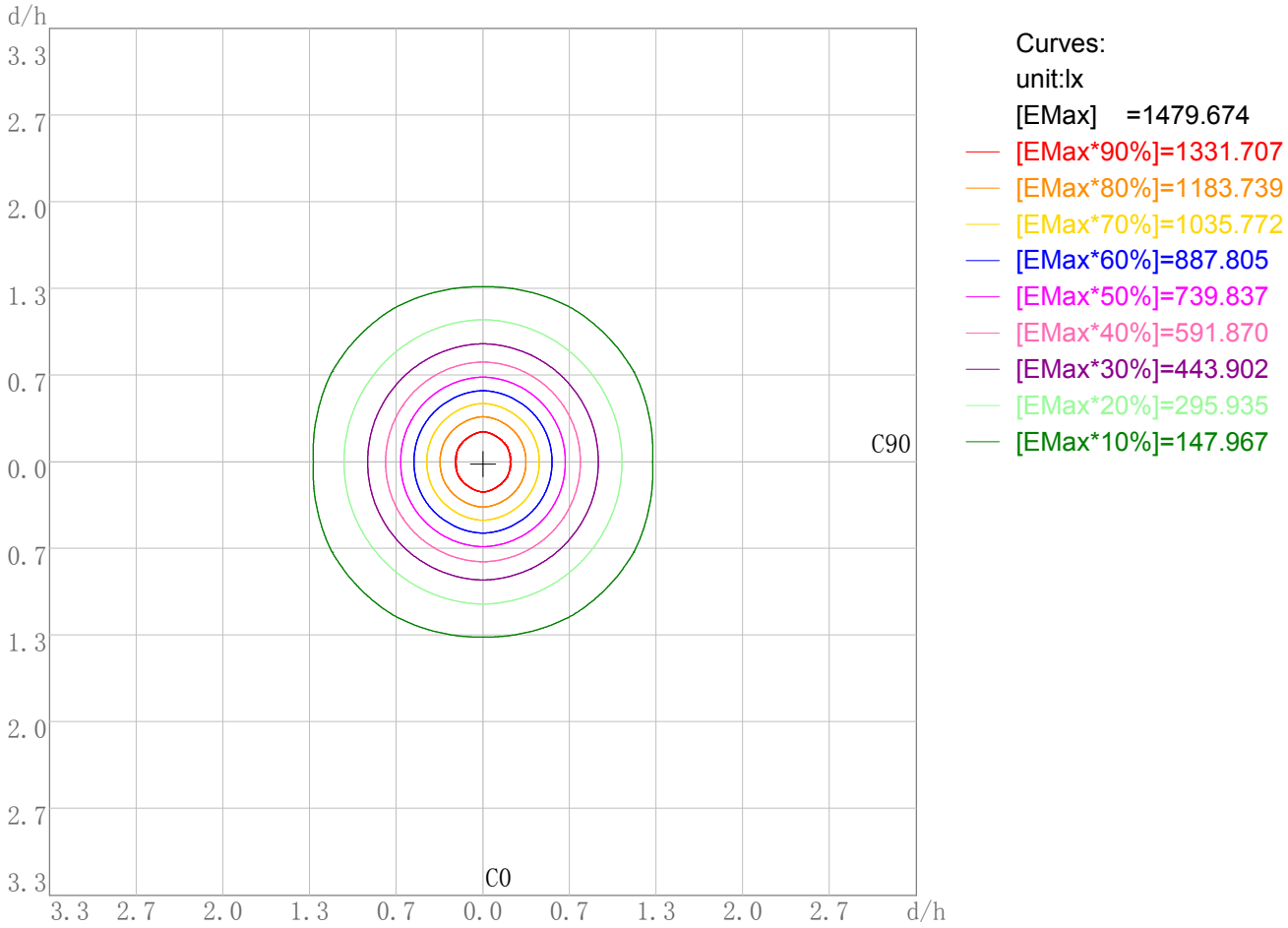
Maximum Light Intensity(cd): 13323.15
Maximum Cand.@Angle: H=1.0°,V=0.0°

IES Indoor Report
Photometric Filename:HB200ME4I-CM D110.IES

Plane ISO-Illuminance Diagram

Lum.Name: HB200ME4I-CM D110	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10

Plane ISO-Illuminance Curve



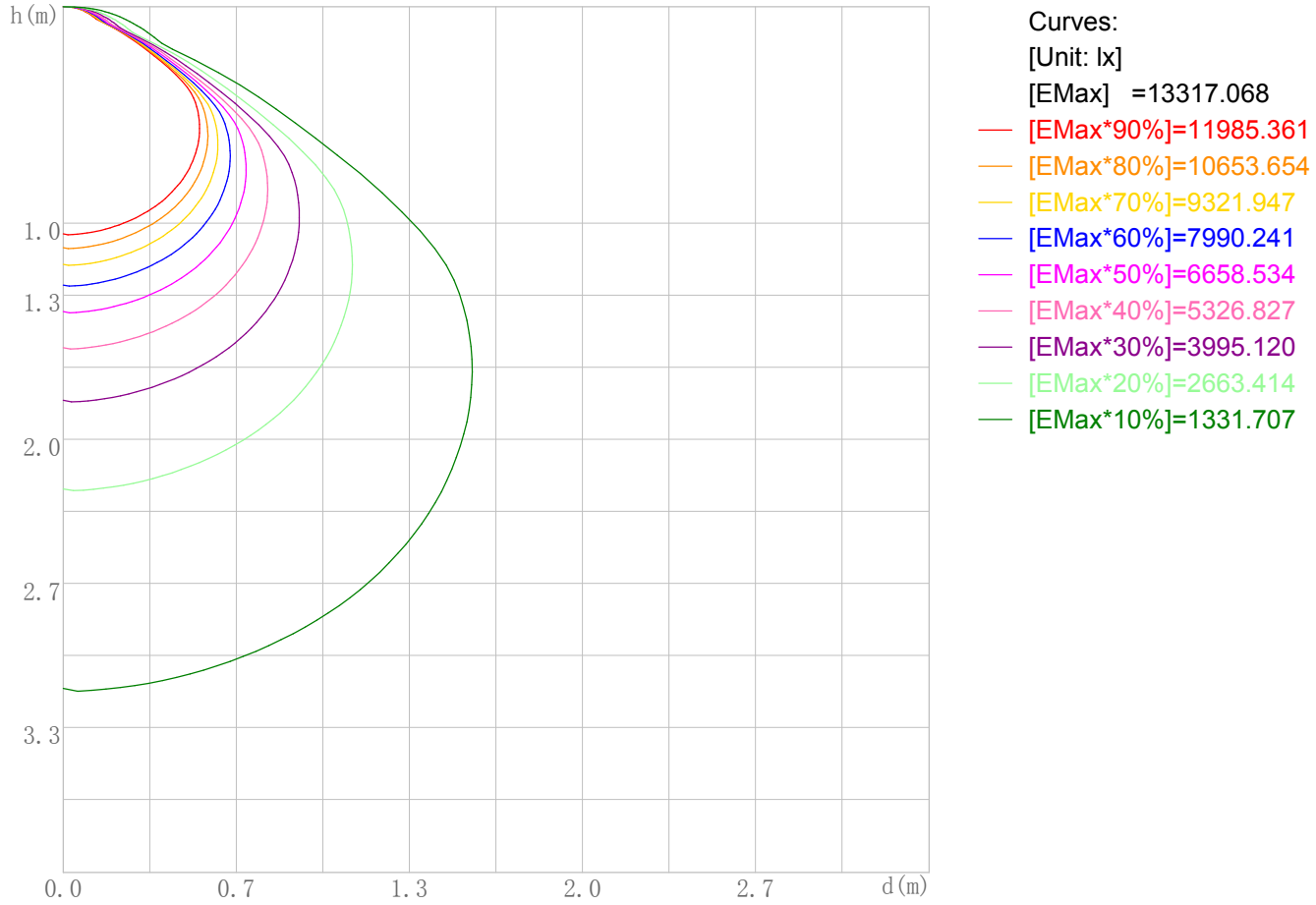
Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 1479.67
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

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Photometric Filename:HB200ME4I-CM D110.IES

Space ISO Illuminance Diagram

Lum.Name: HB200ME4I-CM D110	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10

Space ISO Illuminance Curve



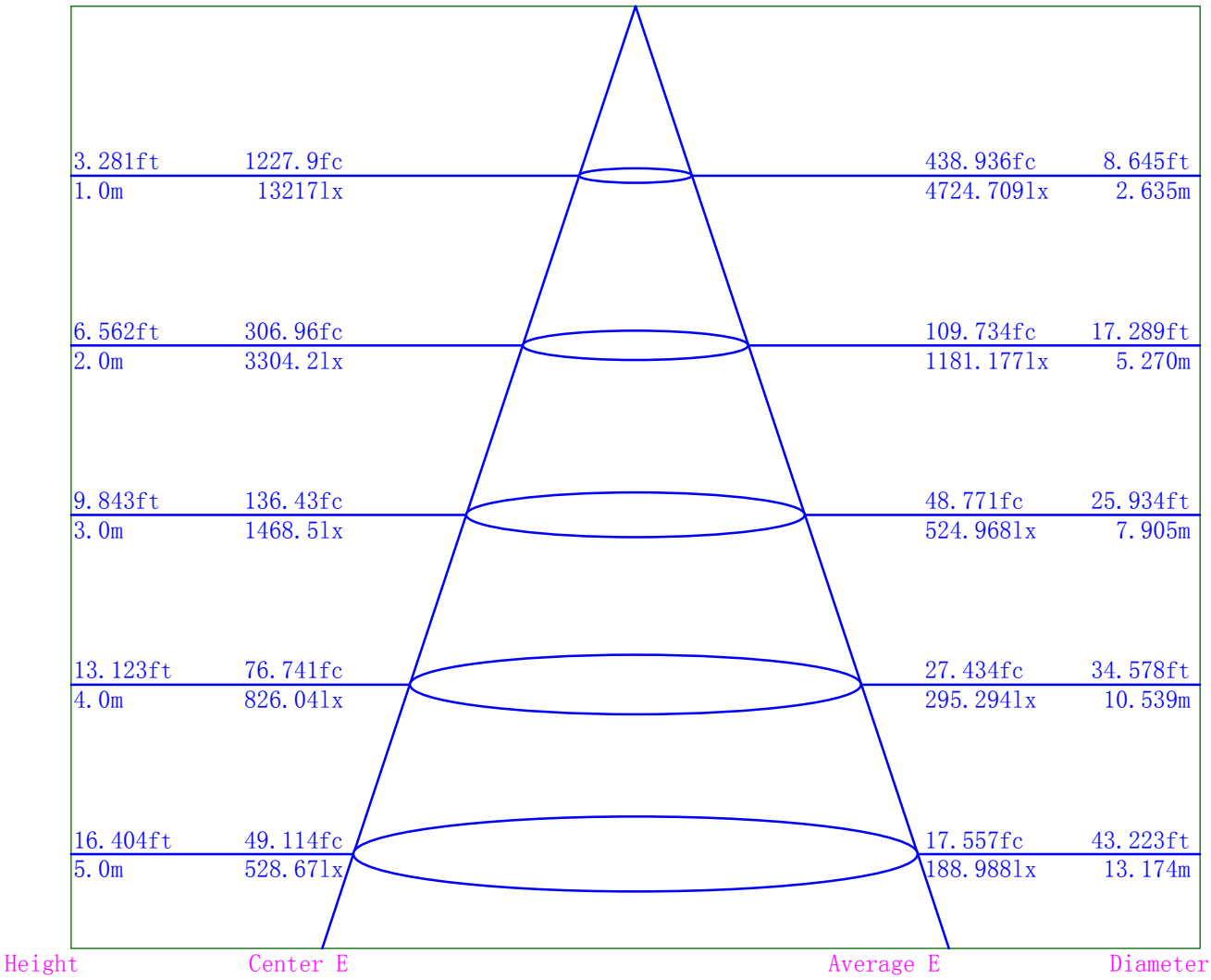
Space Plane Maximum Illuminance and @Angle:13317.07lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:13323.154cd,0eg

IES Indoor Report
Photometric Filename:HB200ME4I-CM D110.IES

Illuminance-Distance Diagram

Lum.Name: HB200ME4I-CM D110	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10

Illuminance-Distance Curve



Beam Angle:105.6

IES Indoor Report
Photometric Filename:HB200ME4I-CM D110.IES

Indoor Luminance Limiting Curves

Lum.Name: HB200ME4I-CM D110	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10

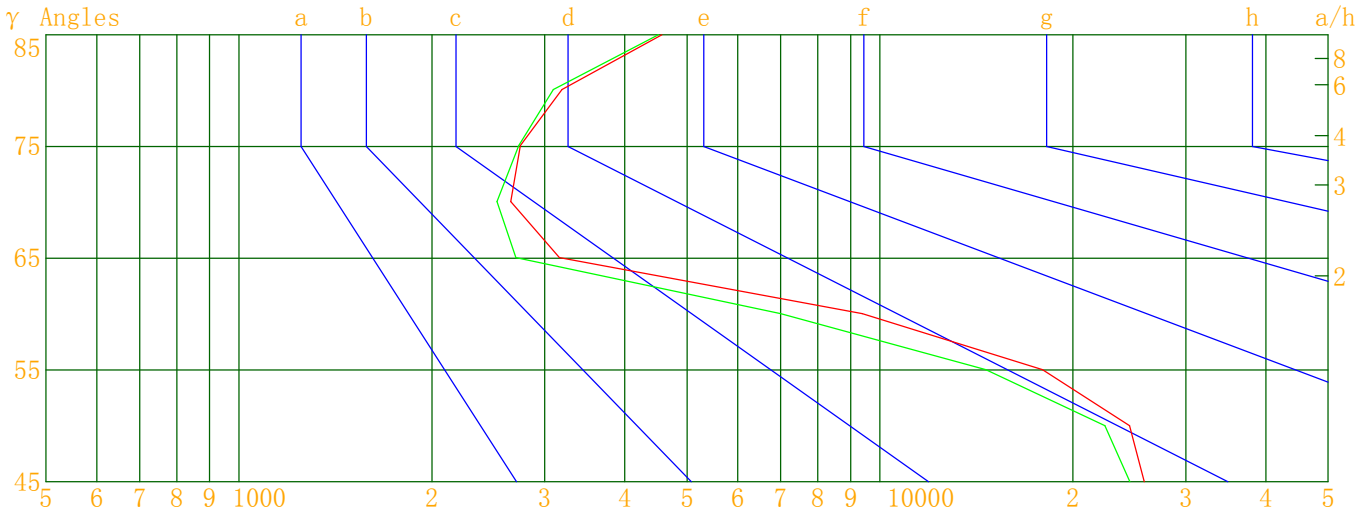
Glare Grade Table

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	25856	24503	17934	9386	3163	2655	2749	3190	4567
C90	24535	22442	14635	7003	2705	2528	2734	3095	4512

Luminance Limiting Curve



Luminous Size: Length(m)=0.695 Width(m)=0.560 Height(m)=0.170 Area(m^2)=0.507350

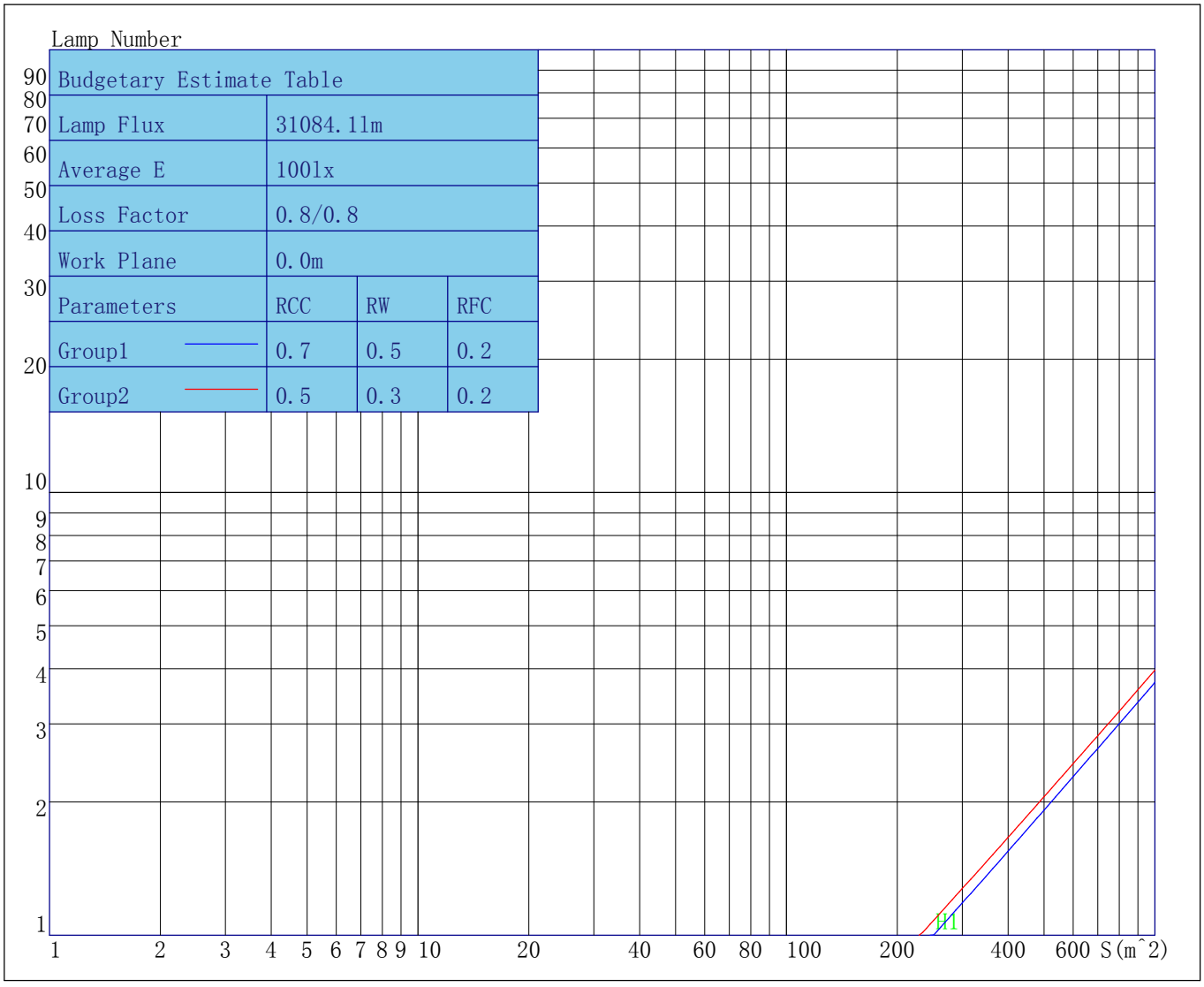
Luminous Type: Without Luminous Side

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

IES Indoor Report
Photometric Filename:HB200ME4I-CM D110.IES

Indoor Budgetary Estimate Table

Lum.Name: HB200ME4I-CM D110	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10



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

IES Indoor Report
Photometric Filename:HB200ME4I-CM D110.IES

Indoor Coefficient of Utilization Table

Lum.Name: HB200ME4I-CM D110	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10

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	99	99	99	97
1	110	107	103	100	107	104	101	98	99	97	95	95	93	91	91	89	88	86
2	102	95	90	85	99	93	88	84	89	85	82	86	82	79	83	80	77	75
3	94	85	79	73	92	84	77	72	80	75	71	77	73	69	75	71	68	66
4	87	77	69	63	85	75	68	63	73	66	62	70	65	61	68	63	59	57
5	81	69	61	55	78	68	61	55	66	59	54	63	58	53	61	57	53	51
6	75	63	55	49	73	62	54	49	60	53	48	58	52	47	56	51	47	45
7	69	57	49	44	68	56	49	43	54	48	43	53	47	42	51	46	42	40
8	65	52	44	39	63	51	44	39	50	43	38	49	42	38	47	42	38	36
9	61	48	40	35	59	47	40	35	46	39	35	45	39	34	44	38	34	32
10	57	44	37	32	55	44	37	32	43	36	32	41	36	31	40	35	31	29

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Unified Glare Rating Table

Lum.Name: HB200ME4I-CM D110	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10

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	22.1	23.5	22.5	23.8	24.2	21.6	23.0	22.1	23.4	23.8
	Y=3H	22.0	23.3	22.5	23.6	24.1	21.6	22.8	22.0	23.2	23.6
	Y=4H	22.0	23.1	22.5	23.6	24.0	21.6	22.7	22.0	23.1	23.6
	Y=6H	22.0	23.0	22.5	23.5	23.9	21.6	22.6	22.0	23.0	23.5
	Y=8H	22.0	23.0	22.5	23.4	23.9	21.6	22.6	22.0	23.0	23.5
	Y=12H	22.0	22.9	22.5	23.4	23.9	21.6	22.5	22.0	23.0	23.5
X=4H	Y=2H	22.1	23.3	22.6	23.7	24.1	21.7	22.9	22.2	23.3	23.7
	Y=3H	22.1	23.0	22.6	23.5	24.0	21.7	22.6	22.2	23.1	23.6
	Y=4H	22.1	22.9	22.6	23.4	23.9	21.7	22.5	22.2	23.0	23.5
	Y=6H	22.1	22.8	22.6	23.3	23.9	21.7	22.4	22.2	22.9	23.5
	Y=8H	22.1	22.8	22.6	23.3	23.8	21.7	22.4	22.3	22.9	23.4
	Y=12H	22.2	22.8	22.7	23.3	23.8	21.8	22.4	22.3	22.9	23.4
X=8H	Y=4H	22.0	22.7	22.5	23.2	23.7	21.6	22.3	22.1	22.8	23.3
	Y=6H	22.1	22.6	22.6	23.2	23.8	21.7	22.2	22.2	22.8	23.4
	Y=8H	22.1	22.6	22.7	23.2	23.7	21.7	22.2	22.3	22.8	23.3
	Y=12H	22.2	22.6	22.7	23.2	23.8	21.8	22.3	22.4	22.8	23.4
X=12H	Y=4H	22.0	22.6	22.5	23.1	23.6	21.6	22.2	22.1	22.7	23.3
	Y=6H	22.0	22.5	22.6	23.0	23.7	21.6	22.2	22.2	22.7	23.3
	Y=8H	22.1	22.5	22.7	23.1	23.7	21.7	22.2	22.3	22.7	23.3
Variations with the objerver position at spacings											
S=1.0H		0.2/-0.2					0.2/-0.2				
S=1.5H		0.4/-0.4					0.4/-0.4				
S=2.0H		0.6/-0.5					0.5/-0.5				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		0.5					0.5				

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	13216.6	13216.6	13216.6	13216.6
γ 1.0	13323.2	13199.5	13213.5	13093.7
γ 2.0	13311.2	13186.3	13197.2	13080.4
γ 3.0	13295.8	13169.1	13177.2	13063.7
γ 4.0	13277.2	13148.0	13154.2	13043.4
γ 5.0	13254.5	13123.7	13127.1	13019.9
γ 6.0	13230.2	13096.6	13097.2	12993.2
γ 7.0	13201.0	13066.5	13064.5	12962.7
γ 8.0	13168.9	13033.7	13028.9	12931.3
γ 9.0	13134.0	12997.7	12989.5	12896.4
γ 10.0	13097.0	12959.3	12947.9	12857.9
γ 11.0	13058.2	12919.7	12906.7	12817.3
γ 12.0	13015.8	12876.0	12860.3	12773.7
γ 13.0	12971.7	12829.7	12812.0	12727.5
γ 14.0	12925.5	12780.8	12760.5	12678.6
γ 15.0	12876.0	12729.6	12704.6	12626.7
γ 16.0	12825.1	12675.5	12645.8	12571.7
γ 17.0	12772.3	12618.9	12583.3	12514.2
γ 18.0	12716.7	12558.7	12517.7	12453.3
γ 19.0	12658.5	12494.6	12448.5	12388.9
γ 20.0	12596.2	12426.5	12372.8	12320.3
γ 21.0	12529.4	12354.0	12298.5	12247.7
γ 22.0	12457.9	12276.9	12217.8	12170.1
γ 23.0	12381.3	12196.1	12134.6	12087.8
γ 24.0	12298.6	12112.5	12046.0	11999.1
γ 25.0	12211.2	12025.1	11954.5	11904.6
γ 26.0	12118.5	11933.2	11858.9	11804.2
γ 27.0	12020.7	11837.0	11758.0	11697.9
γ 28.0	11918.8	11736.3	11652.5	11585.3
γ 29.0	11812.9	11630.9	11541.3	11467.0
γ 30.0	11703.0	11520.5	11423.4	11342.0
γ 31.0	11589.8	11405.5	11299.8	11212.0
γ 32.0	11469.2	11285.6	11168.3	11077.8
γ 33.0	11341.3	11160.6	11029.6	10940.2
γ 34.0	11204.4	11029.8	10887.9	10798.7
γ 35.0	11060.2	10891.9	10741.4	10653.4
γ 36.0	10909.0	10745.2	10588.6	10503.5
γ 37.0	10756.4	10590.3	10431.5	10347.6
γ 38.0	10601.3	10426.9	10265.8	10183.3
γ 39.0	10441.0	10254.4	10092.3	10010.9
γ 40.0	10269.7	10074.5	9913.4	9829.9
γ 41.0	10089.4	9887.3	9725.9	9640.7
γ 42.0	9899.6	9692.3	9527.7	9443.7
γ 43.0	9702.6	9489.1	9322.6	9238.4
γ 44.0	9494.8	9277.4	9106.0	9025.1
γ 45.0	9275.9	9055.6	8880.3	8801.9
γ 46.0	9049.1	8823.6	8645.0	8564.6

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 47.0	8812.0	8580.0	8397.2	8313.7
γ 48.0	8560.1	8323.0	8135.8	8037.0
γ 49.0	8292.6	8053.8	7862.7	7715.1
γ 50.0	7990.7	7771.1	7569.6	7318.6
γ 51.0	7612.5	7471.6	7254.4	6828.3
γ 52.0	7131.2	7147.6	6916.4	6247.4
γ 53.0	6543.8	6787.7	6539.8	5601.5
γ 54.0	5885.1	6355.8	6099.8	4923.1
γ 55.0	5219.0	5820.7	5573.3	4258.7
γ 56.0	4527.4	5181.1	4950.8	3639.8
γ 57.0	3872.6	4484.2	4264.9	3103.1
γ 58.0	3298.0	3776.2	3563.2	2631.7
γ 59.0	2812.9	3086.3	2884.0	2190.5
γ 60.0	2380.9	2474.9	2263.4	1776.5
γ 61.0	2033.5	1944.0	1723.2	1404.7
γ 62.0	1685.8	1475.7	1256.8	1108.0
γ 63.0	1321.7	1066.3	928.0	882.2
γ 64.0	957.7	761.8	727.9	686.2
γ 65.0	678.3	622.7	615.1	580.0
γ 66.0	564.0	575.7	569.4	535.0
γ 67.0	530.1	550.5	540.4	508.1
γ 68.0	506.2	525.7	514.0	482.8
γ 69.0	483.4	501.0	489.4	459.3
γ 70.0	460.7	479.4	466.8	438.7
γ 71.0	439.8	460.9	446.0	421.5
γ 72.0	420.1	443.2	425.3	405.7
γ 73.0	400.8	425.5	406.3	390.7
γ 74.0	379.5	406.3	388.9	375.5
γ 75.0	361.0	386.3	372.6	359.0
γ 76.0	347.0	365.7	356.8	341.4
γ 77.0	333.7	347.7	340.8	323.8
γ 78.0	318.4	331.8	324.5	304.6
γ 79.0	299.6	315.8	308.1	288.6
γ 80.0	281.0	297.3	289.6	272.7
γ 81.0	268.1	277.4	271.1	256.4
γ 82.0	254.8	261.0	251.5	244.6
γ 83.0	238.5	244.7	233.3	231.9
γ 84.0	216.6	224.1	213.8	218.4
γ 85.0	201.9	202.3	195.0	199.5
γ 86.0	192.6	187.9	173.8	178.1
γ 87.0	175.6	172.7	156.6	158.3
γ 88.0	153.3	154.3	146.4	144.5
γ 89.0	146.4	146.0	142.9	141.6
γ 90.0	143.8	142.9	140.4	139.4
γ 91.0	141.1	140.3	138.9	137.9
γ 92.0	139.5	138.7	137.3	136.4
γ 93.0	137.8	137.3	135.8	135.2

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 94.0	136.6	135.7	134.5	133.9
γ 95.0	135.2	134.6	133.4	132.9
γ 96.0	134.1	133.4	132.4	131.9
γ 97.0	133.0	132.3	131.4	131.1
γ 98.0	132.1	131.6	130.7	130.4
γ 99.0	131.3	130.9	130.1	129.8
γ 100.0	130.8	130.2	129.6	129.4
γ 101.0	130.3	129.6	129.2	128.9
γ 102.0	129.8	129.3	128.9	128.8
γ 103.0	129.5	129.0	128.7	128.6
γ 104.0	129.3	128.7	128.7	128.4
γ 105.0	129.2	128.6	128.5	128.5
γ 106.0	129.2	128.6	128.5	128.5
γ 107.0	129.2	128.6	128.5	128.6
γ 108.0	129.3	128.8	128.7	128.8
γ 109.0	129.5	129.0	129.1	129.2
γ 110.0	129.8	129.3	129.4	129.5
γ 111.0	130.2	129.6	129.9	129.9
γ 112.0	130.6	130.0	130.3	130.4
γ 113.0	131.0	130.6	130.9	131.0
γ 114.0	131.6	131.1	131.4	131.6
γ 115.0	132.2	131.7	132.0	132.2
γ 116.0	132.9	132.4	132.6	132.8
γ 117.0	133.5	133.0	133.1	133.5
γ 118.0	134.1	133.7	133.8	134.3
γ 119.0	134.9	134.4	134.4	135.0
γ 120.0	135.6	135.0	135.0	135.8
γ 121.0	136.4	135.8	135.5	136.6
γ 122.0	137.1	136.5	136.3	137.4
γ 123.0	138.0	137.3	136.9	138.2
γ 124.0	138.9	138.1	137.8	139.3
γ 125.0	139.5	139.0	138.6	140.1
γ 126.0	140.4	139.8	139.4	141.1
γ 127.0	141.4	140.5	140.5	141.8
γ 128.0	142.2	141.4	141.3	142.7
γ 129.0	142.9	142.0	142.3	143.6
γ 130.0	143.9	142.9	143.3	144.6
γ 131.0	144.7	143.7	144.1	145.4
γ 132.0	145.4	144.5	145.1	146.4
γ 133.0	146.1	145.3	146.0	147.1
γ 134.0	147.0	146.0	147.0	147.9
γ 135.0	147.8	146.9	147.8	148.9
γ 136.0	148.6	147.7	148.7	149.8
γ 137.0	149.4	148.5	149.7	150.7
γ 138.0	150.2	149.4	150.7	151.7
γ 139.0	151.0	150.4	151.6	152.8
γ 140.0	151.9	151.3	152.6	153.6

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 141.0	153.0	152.6	153.7	154.9
γ 142.0	154.0	153.8	154.8	156.1
γ 143.0	155.2	154.9	156.0	157.3
γ 144.0	156.4	156.3	157.3	158.4
γ 145.0	157.6	157.6	158.5	159.9
γ 146.0	159.0	159.0	160.0	161.3
γ 147.0	160.5	160.4	161.4	162.7
γ 148.0	161.9	161.9	163.0	164.3
γ 149.0	163.7	163.6	164.4	165.8
γ 150.0	165.3	165.2	166.2	167.4
γ 151.0	166.9	166.8	167.6	169.0
γ 152.0	168.5	168.4	169.5	170.6
γ 153.0	170.2	170.1	171.0	172.4
γ 154.0	172.0	171.7	172.7	174.1
γ 155.0	173.6	173.5	174.4	175.8
γ 156.0	175.4	175.2	176.4	177.5
γ 157.0	177.2	177.1	178.1	179.2
γ 158.0	179.0	178.9	180.0	181.0
γ 159.0	180.9	180.5	181.7	182.8
γ 160.0	182.7	182.4	183.5	184.6
γ 161.0	184.4	184.2	185.3	186.5
γ 162.0	186.4	186.0	187.1	188.2
γ 163.0	188.3	187.7	188.9	189.9
γ 164.0	190.0	189.7	190.7	191.8
γ 165.0	191.9	191.6	192.3	193.5
γ 166.0	193.7	193.0	194.0	195.1
γ 167.0	195.4	194.7	195.5	196.7
γ 168.0	197.0	196.4	196.9	198.1
γ 169.0	198.6	197.8	198.4	199.5
γ 170.0	200.0	199.2	199.6	200.9
γ 171.0	201.5	200.6	200.8	202.1
γ 172.0	202.7	201.8	201.8	203.1
γ 173.0	203.7	202.8	202.7	204.1
γ 174.0	204.7	203.9	203.5	205.0
γ 175.0	205.6	204.6	204.1	205.9
γ 176.0	206.2	205.3	204.6	206.4
γ 177.0	206.9	206.0	205.1	206.8
γ 178.0	207.4	206.5	205.4	207.2
γ 179.0	207.7	206.8	205.6	207.3
γ 180.0	207.1	207.1	207.1	207.1