IES Indoor Report
Photometric Filename:HB200ME4I-CM D80.IES

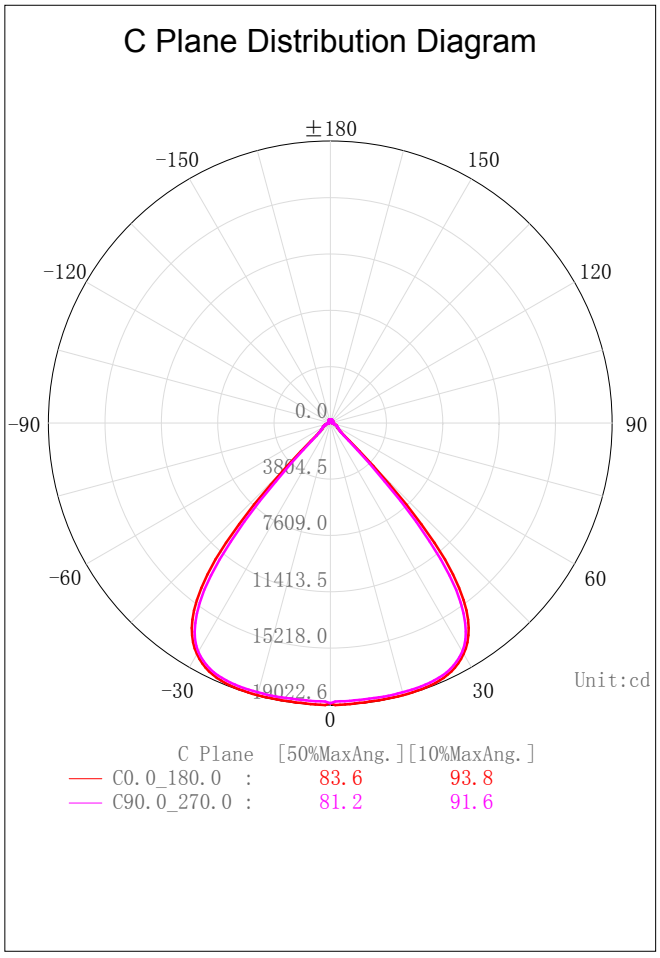
Indoor Luminaire Photometric Data

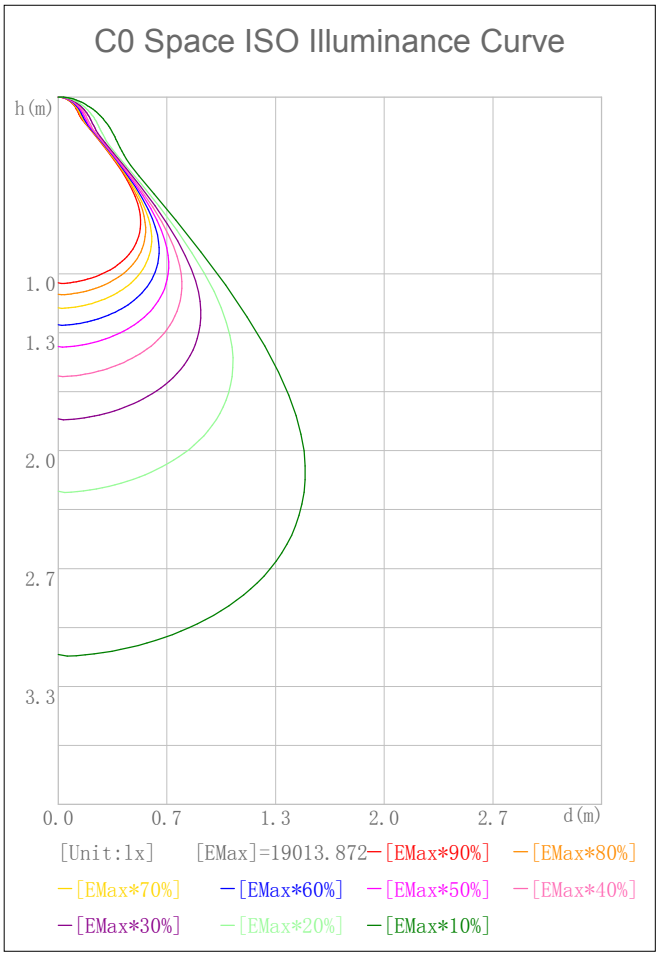
Description Information

Luminary Name: HB200ME4I-CM D80		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):0.430m*0.565m*0.160m		Lum.Area(m2):0.333	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):	31500.000	Luminary Flux(lm): 30874.032	Field Angle(10%Imax): 93.8(°)
Rated Power(W):		Luminary Efficiency: 98.01%	Down Lumens&Percent: 29979.475lm 97.10%
Rated Voltage(V):		Luminary EER(lm/W): 154.990	Up Lumens&Percent: 894.557lm 2.90%
Tested Power(W):	199.200	Max.Candela(cd): 19022.563	S/MH: C0_a180=1.353 C90_270=1.335
Lamps' Inside:	1	Max Cand@Ang.(°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):221.4,0.913,0.985		Beam Angle(50%Imax): 83.6(°)	ErP Φuse(90°): 27844.565lm
Lamp Size(W*L*H):0.430m*0.565m*0.160m		Left=-41.8° ,Right=41.8°	IRF(%): 137.705



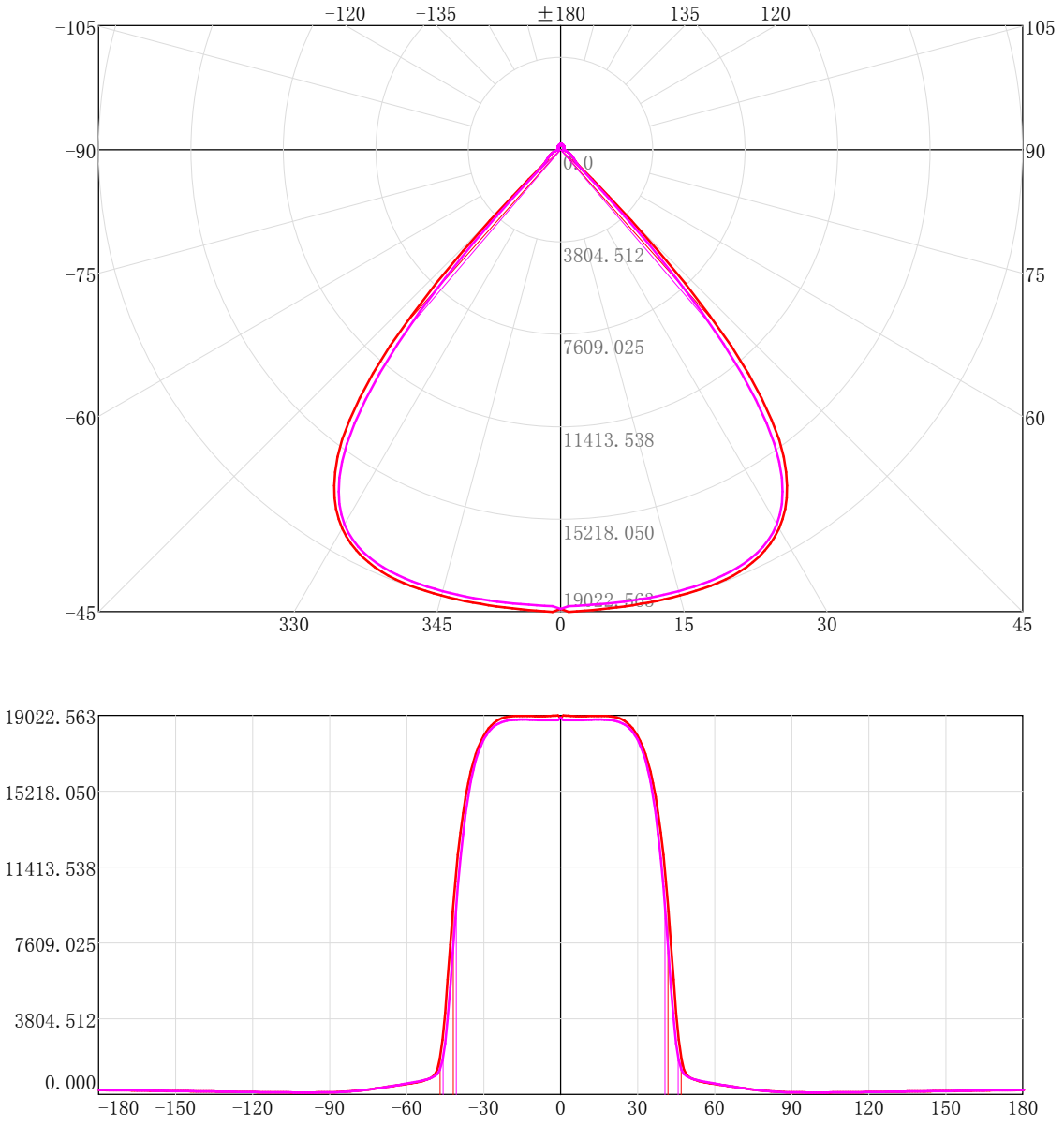


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Photometric Filename:HB200ME4I-CM D80.IES

2D Plane Light Intensity Distribution Curve

Lum.Name: HB200ME4I-CM D80	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 :	83.6	93.8	
C90.0_270.0 :	81.2	91.6	

IES Indoor Report
Photometric Filename:HB200ME4I-CM D80.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	18.08	18.08	0.06	0.06	47.0-48.0	112.42	28321.05	0.36	89.91
1.0-2.0	54.21	72.29	0.17	0.23	48.0-49.0	91.13	28412.18	0.29	90.20
2.0-3.0	90.29	162.58	0.29	0.52	49.0-50.0	80.06	28492.24	0.25	90.45
3.0-4.0	126.32	288.90	0.40	0.92	50.0-51.0	73.82	28566.06	0.23	90.69
4.0-5.0	162.29	451.19	0.52	1.43	51.0-52.0	69.45	28635.51	0.22	90.91
5.0-6.0	198.21	649.40	0.63	2.06	52.0-53.0	65.85	28701.36	0.21	91.12
6.0-7.0	234.08	883.48	0.74	2.80	53.0-54.0	62.81	28764.17	0.20	91.31
7.0-8.0	269.88	1153.36	0.86	3.66	54.0-55.0	60.39	28824.56	0.19	91.51
8.0-9.0	305.62	1458.99	0.97	4.63	55.0-56.0	58.59	28883.15	0.19	91.69
9.0-10.0	341.30	1800.29	1.08	5.72	56.0-57.0	57.16	28940.31	0.18	91.87
10.0-11.0	376.89	2177.18	1.20	6.91	57.0-58.0	55.83	28996.14	0.18	92.05
11.0-12.0	412.38	2589.56	1.31	8.22	58.0-59.0	54.51	29050.65	0.17	92.22
12.0-13.0	447.76	3037.32	1.42	9.64	59.0-60.0	53.15	29103.79	0.17	92.39
13.0-14.0	483.00	3520.32	1.53	11.18	60.0-61.0	51.68	29155.48	0.16	92.56
14.0-15.0	518.07	4038.39	1.64	12.82	61.0-62.0	50.05	29205.53	0.16	92.72
15.0-16.0	552.93	4591.32	1.76	14.58	62.0-63.0	48.35	29253.88	0.15	92.87
16.0-17.0	587.55	5178.87	1.87	16.44	63.0-64.0	46.66	29300.54	0.15	93.02
17.0-18.0	621.90	5800.77	1.97	18.42	64.0-65.0	44.94	29345.48	0.14	93.16
18.0-19.0	655.93	6456.70	2.08	20.50	65.0-66.0	43.17	29388.65	0.14	93.30
19.0-20.0	689.55	7146.25	2.19	22.69	66.0-67.0	41.40	29430.04	0.13	93.43
20.0-21.0	722.66	7868.90	2.29	24.98	67.0-68.0	39.69	29469.73	0.13	93.55
21.0-22.0	755.13	8624.03	2.40	27.38	68.0-69.0	38.08	29507.82	0.12	93.68
22.0-23.0	786.83	9410.86	2.50	29.88	69.0-70.0	36.56	29544.38	0.12	93.79
23.0-24.0	817.56	10228.42	2.60	32.47	70.0-71.0	35.02	29579.40	0.11	93.90
24.0-25.0	847.12	11075.53	2.69	35.16	71.0-72.0	33.39	29612.79	0.11	94.01
25.0-26.0	875.29	11950.82	2.78	37.94	72.0-73.0	31.68	29644.47	0.10	94.11
26.0-27.0	901.79	12852.62	2.86	40.80	73.0-74.0	29.92	29674.39	0.09	94.20
27.0-28.0	926.31	13778.93	2.94	43.74	74.0-75.0	28.17	29702.56	0.09	94.29
28.0-29.0	948.47	14727.40	3.01	46.75	75.0-76.0	26.51	29729.07	0.08	94.38
29.0-30.0	967.79	15695.19	3.07	49.83	76.0-77.0	24.94	29754.01	0.08	94.46
30.0-31.0	983.78	16678.98	3.12	52.95	77.0-78.0	23.47	29777.47	0.07	94.53
31.0-32.0	995.75	17674.73	3.16	56.11	78.0-79.0	22.10	29799.57	0.07	94.60
32.0-33.0	1002.92	18677.65	3.18	59.29	79.0-80.0	20.85	29820.42	0.07	94.67
33.0-34.0	1004.45	19682.10	3.19	62.48	80.0-81.0	19.74	29840.16	0.06	94.73
34.0-35.0	999.26	20681.35	3.17	65.66	81.0-82.0	18.73	29858.88	0.06	94.79
35.0-36.0	985.85	21667.20	3.13	68.78	82.0-83.0	17.76	29876.64	0.06	94.85
36.0-37.0	962.63	22629.83	3.06	71.84	83.0-84.0	16.80	29893.44	0.05	94.90
37.0-38.0	927.52	23557.35	2.94	74.79	84.0-85.0	15.92	29909.36	0.05	94.95
38.0-39.0	878.31	24435.66	2.79	77.57	85.0-86.0	15.15	29924.51	0.05	95.00
39.0-40.0	813.50	25249.16	2.58	80.16	86.0-87.0	14.47	29938.98	0.05	95.04
40.0-41.0	731.90	25981.06	2.32	82.48	87.0-88.0	13.88	29952.86	0.04	95.09
41.0-42.0	633.57	26614.62	2.01	84.49	88.0-89.0	13.45	29966.31	0.04	95.13
42.0-43.0	522.41	27137.04	1.66	86.15	89.0-90.0	13.17	29979.47	0.04	95.17
43.0-44.0	407.21	27544.24	1.29	87.44	90.0-91.0	12.94	29992.42	0.04	95.21
44.0-45.0	300.32	27844.57	0.95	88.40	91.0-92.0	12.76	30005.18	0.04	95.25
45.0-46.0	213.10	28057.66	0.68	89.07	92.0-93.0	12.60	30017.78	0.04	95.29
46.0-47.0	150.97	28208.63	0.48	89.55	93.0-94.0	12.47	30030.25	0.04	95.33

IES Indoor Report
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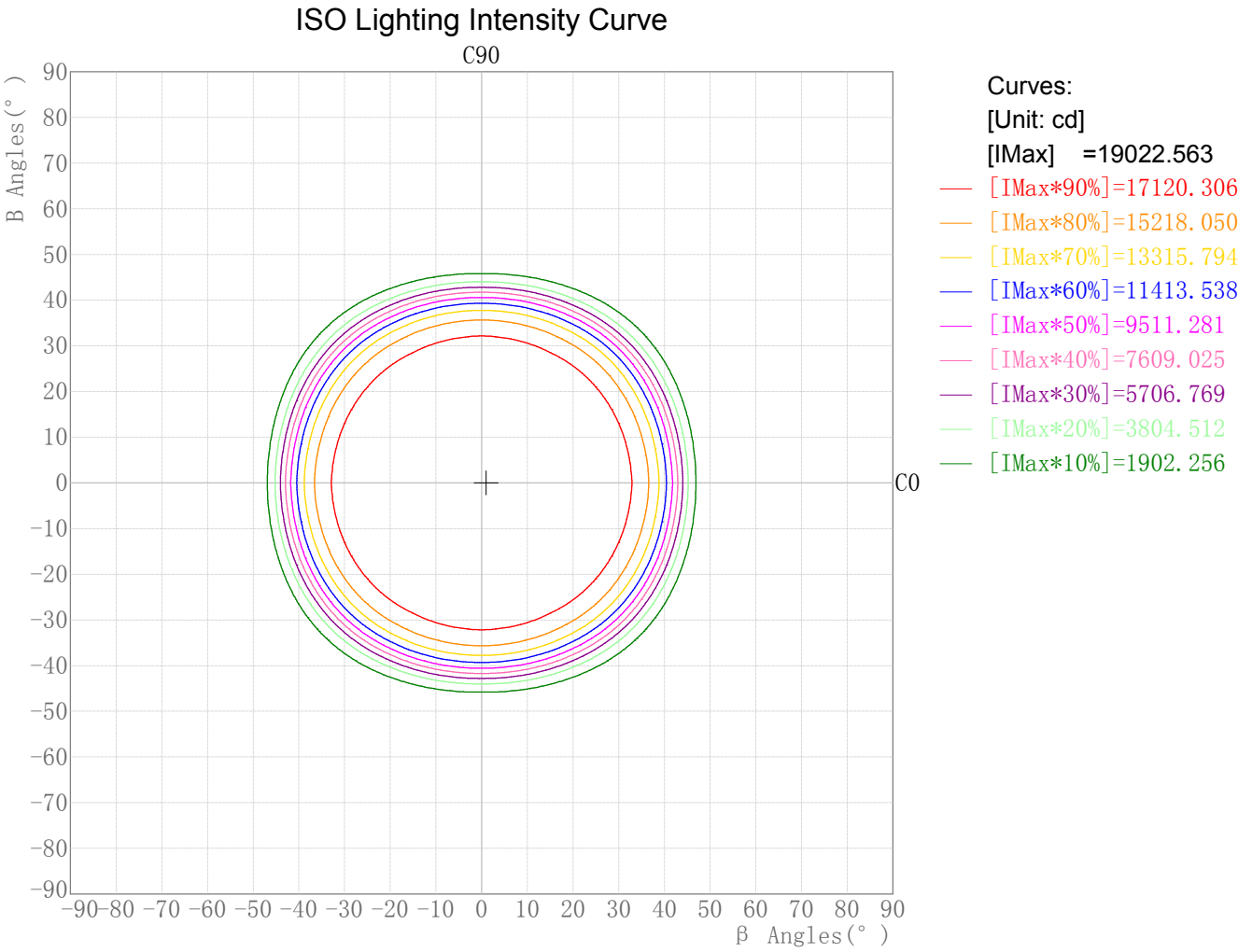
Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	12.35	30042.60	0.04	95.37
95.0-96.0	12.25	30054.85	0.04	95.41
96.0-97.0	12.16	30067.01	0.04	95.45
97.0-98.0	12.09	30079.10	0.04	95.49
98.0-99.0	12.03	30091.14	0.04	95.53
99.0-100.0	11.99	30103.13	0.04	95.57
100.0-101.0	11.96	30115.09	0.04	95.60
101.0-102.0	11.94	30127.03	0.04	95.64
102.0-103.0	11.93	30138.96	0.04	95.68
103.0-104.0	11.93	30150.90	0.04	95.72
104.0-105.0	11.94	30162.84	0.04	95.76
105.0-106.0	11.95	30174.79	0.04	95.79
106.0-107.0	11.97	30186.76	0.04	95.83
107.0-108.0	11.99	30198.75	0.04	95.87
108.0-109.0	12.03	30210.78	0.04	95.91
109.0-110.0	12.06	30222.84	0.04	95.95
110.0-111.0	12.10	30234.93	0.04	95.98
111.0-112.0	12.14	30247.07	0.04	96.02
112.0-113.0	12.17	30259.24	0.04	96.06
113.0-114.0	12.22	30271.46	0.04	96.10
114.0-115.0	12.27	30283.73	0.04	96.14
115.0-116.0	12.31	30296.04	0.04	96.18
116.0-117.0	12.36	30308.39	0.04	96.22
117.0-118.0	12.40	30320.79	0.04	96.26
118.0-119.0	12.43	30333.23	0.04	96.30
119.0-120.0	12.47	30345.70	0.04	96.34
120.0-121.0	12.51	30358.20	0.04	96.38
121.0-122.0	12.54	30370.74	0.04	96.42
122.0-123.0	12.57	30383.31	0.04	96.45
123.0-124.0	12.59	30395.91	0.04	96.49
124.0-125.0	12.61	30408.52	0.04	96.53
125.0-126.0	12.63	30421.15	0.04	96.58
126.0-127.0	12.64	30433.79	0.04	96.62
127.0-128.0	12.63	30446.42	0.04	96.66
128.0-129.0	12.62	30459.04	0.04	96.70
129.0-130.0	12.61	30471.65	0.04	96.74
130.0-131.0	12.58	30484.23	0.04	96.78
131.0-132.0	12.54	30496.78	0.04	96.82
132.0-133.0	12.49	30509.27	0.04	96.85
133.0-134.0	12.43	30521.70	0.04	96.89
134.0-135.0	12.36	30534.05	0.04	96.93
135.0-136.0	12.27	30546.33	0.04	96.97
136.0-137.0	12.18	30558.50	0.04	97.01
137.0-138.0	12.08	30570.58	0.04	97.05
138.0-139.0	11.96	30582.54	0.04	97.09
139.0-140.0	11.84	30594.38	0.04	97.13
140.0-141.0	11.70	30606.08	0.04	97.16
141.0-142.0	11.55	30617.64	0.04	97.20
142.0-143.0	11.40	30629.03	0.04	97.24
143.0-144.0	11.23	30640.26	0.04	97.27
144.0-145.0	11.06	30651.32	0.04	97.31
145.0-146.0	10.88	30662.20	0.03	97.34
146.0-147.0	10.69	30672.89	0.03	97.37
147.0-148.0	10.49	30683.38	0.03	97.41
148.0-149.0	10.28	30693.66	0.03	97.44
149.0-150.0	10.07	30703.73	0.03	97.47
150.0-151.0	9.85	30713.58	0.03	97.50
151.0-152.0	9.63	30723.21	0.03	97.53
152.0-153.0	9.41	30732.62	0.03	97.56
153.0-154.0	9.18	30741.81	0.03	97.59
154.0-155.0	8.96	30750.76	0.03	97.62
155.0-156.0	8.72	30759.48	0.03	97.65
156.0-157.0	8.48	30767.97	0.03	97.68
157.0-158.0	8.24	30776.21	0.03	97.70
158.0-159.0	7.99	30784.20	0.03	97.73
159.0-160.0	7.73	30791.93	0.02	97.75
160.0-161.0	7.46	30799.39	0.02	97.78
161.0-162.0	7.17	30806.56	0.02	97.80
162.0-163.0	6.88	30813.44	0.02	97.82
163.0-164.0	6.57	30820.01	0.02	97.84
164.0-165.0	6.25	30826.25	0.02	97.86
165.0-166.0	5.91	30832.17	0.02	97.88
166.0-167.0	5.57	30837.73	0.02	97.90
167.0-168.0	5.21	30842.94	0.02	97.91
168.0-169.0	4.84	30847.78	0.02	97.93
169.0-170.0	4.46	30852.24	0.01	97.94
170.0-171.0	4.07	30856.30	0.01	97.96
171.0-172.0	3.67	30859.97	0.01	97.97
172.0-173.0	3.26	30863.23	0.01	97.98
173.0-174.0	2.84	30866.07	0.01	97.99
174.0-175.0	2.42	30868.48	0.01	98.00
175.0-176.0	1.99	30870.47	0.01	98.00
176.0-177.0	1.55	30872.02	0.00	98.01
177.0-178.0	1.11	30873.14	0.00	98.01
178.0-179.0	0.67	30873.81	0.00	98.01
179.0-180.0	0.22	30874.03	0.00	98.01

IES Indoor Report
Photometric Filename:HB200ME4I-CM D80.IES

Rectangle ISO Lighting Intensity Diagram

Lum.Name: HB200ME4I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10



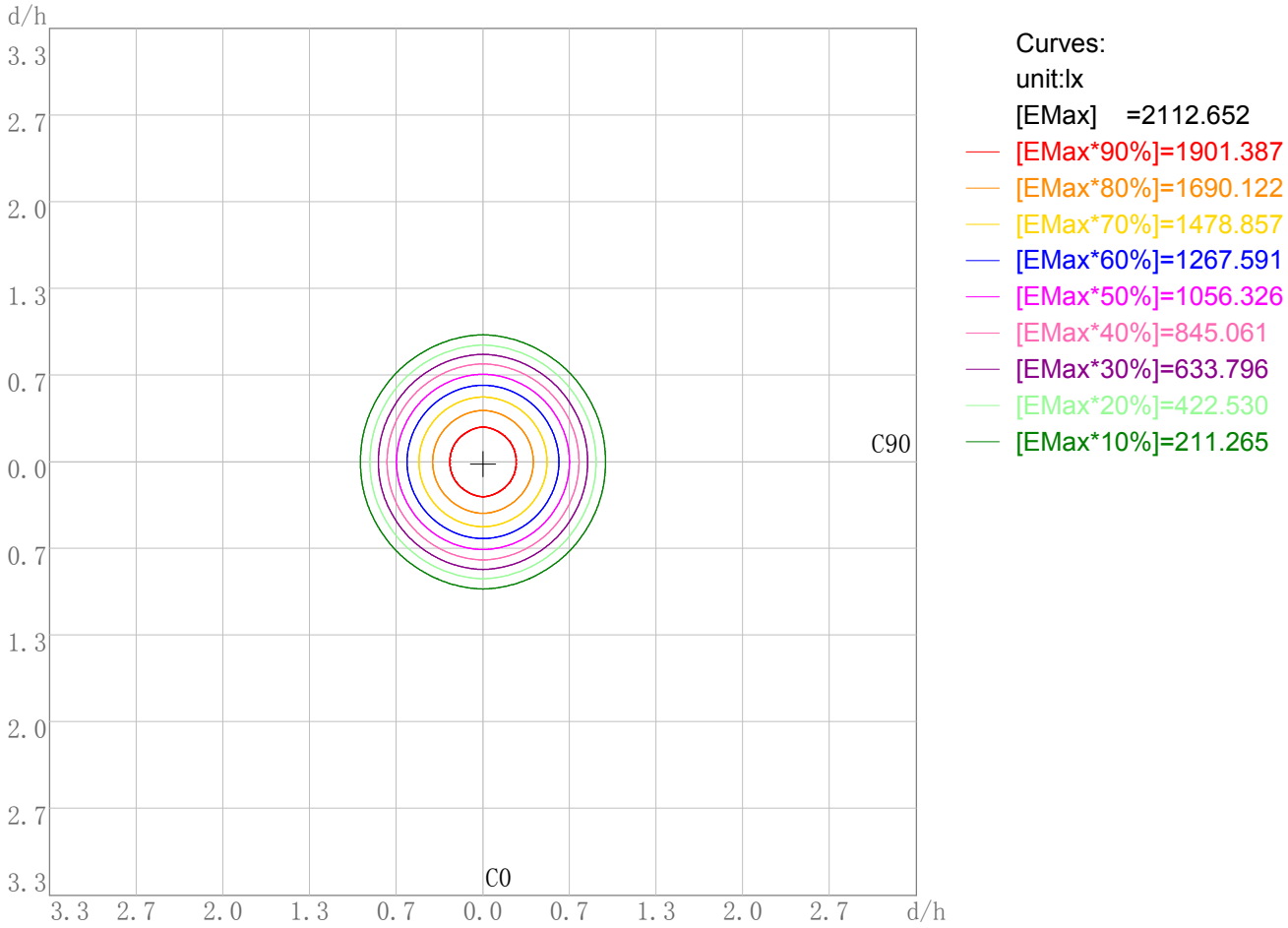
Maximum Light Intensity(cd): 19022.56
Maximum Cand.@Angle: H=1.0°,V=0.0°

IES Indoor Report
Photometric Filename:HB200ME4I-CM D80.IES

Plane ISO-Illuminance Diagram

Lum.Name: HB200ME4I-CM D80	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



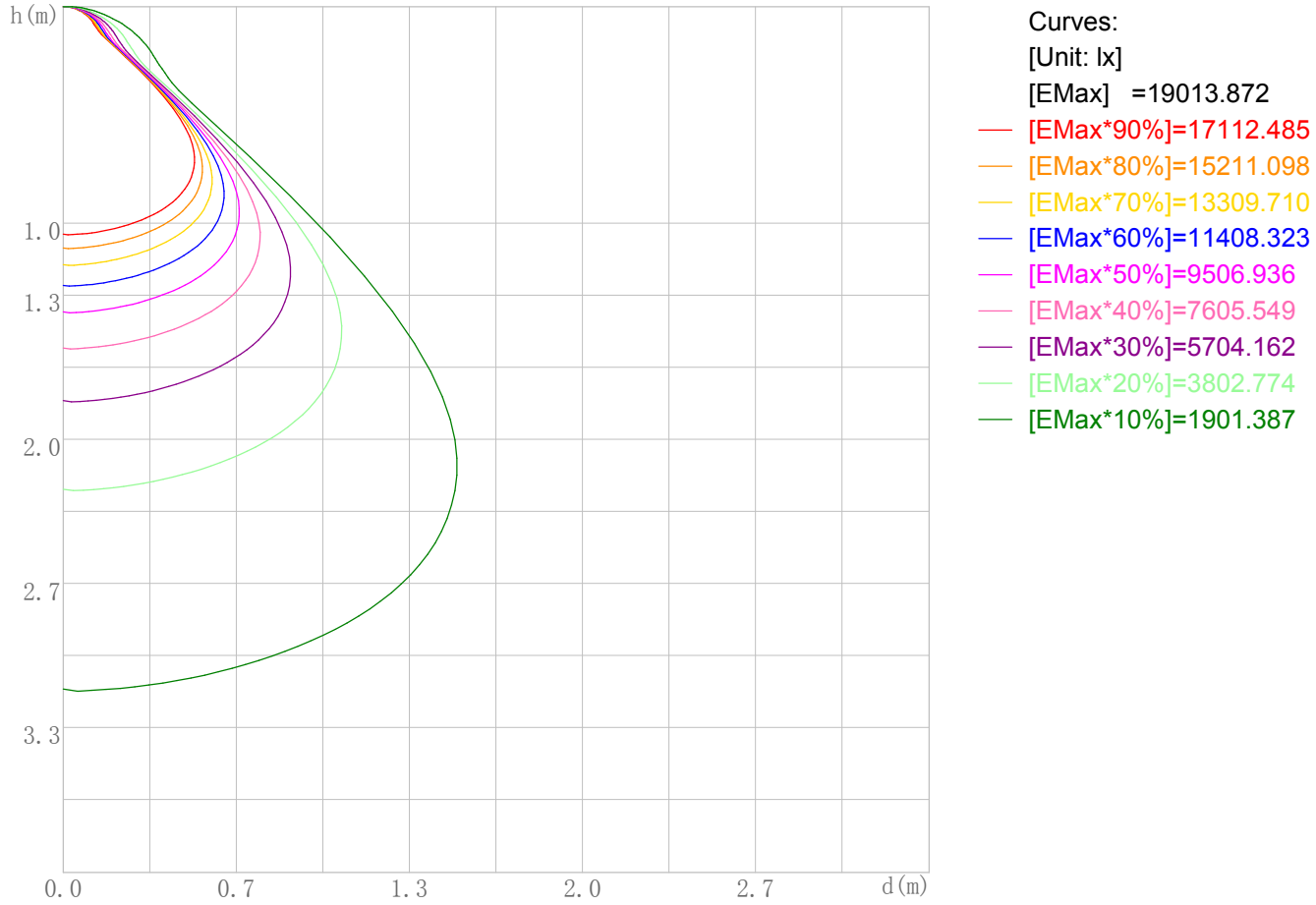
Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 2112.65
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

IES Indoor Report
Photometric Filename:HB200ME4I-CM D80.IES

Space ISO Illuminance Diagram

Lum.Name: HB200ME4I-CM D80	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

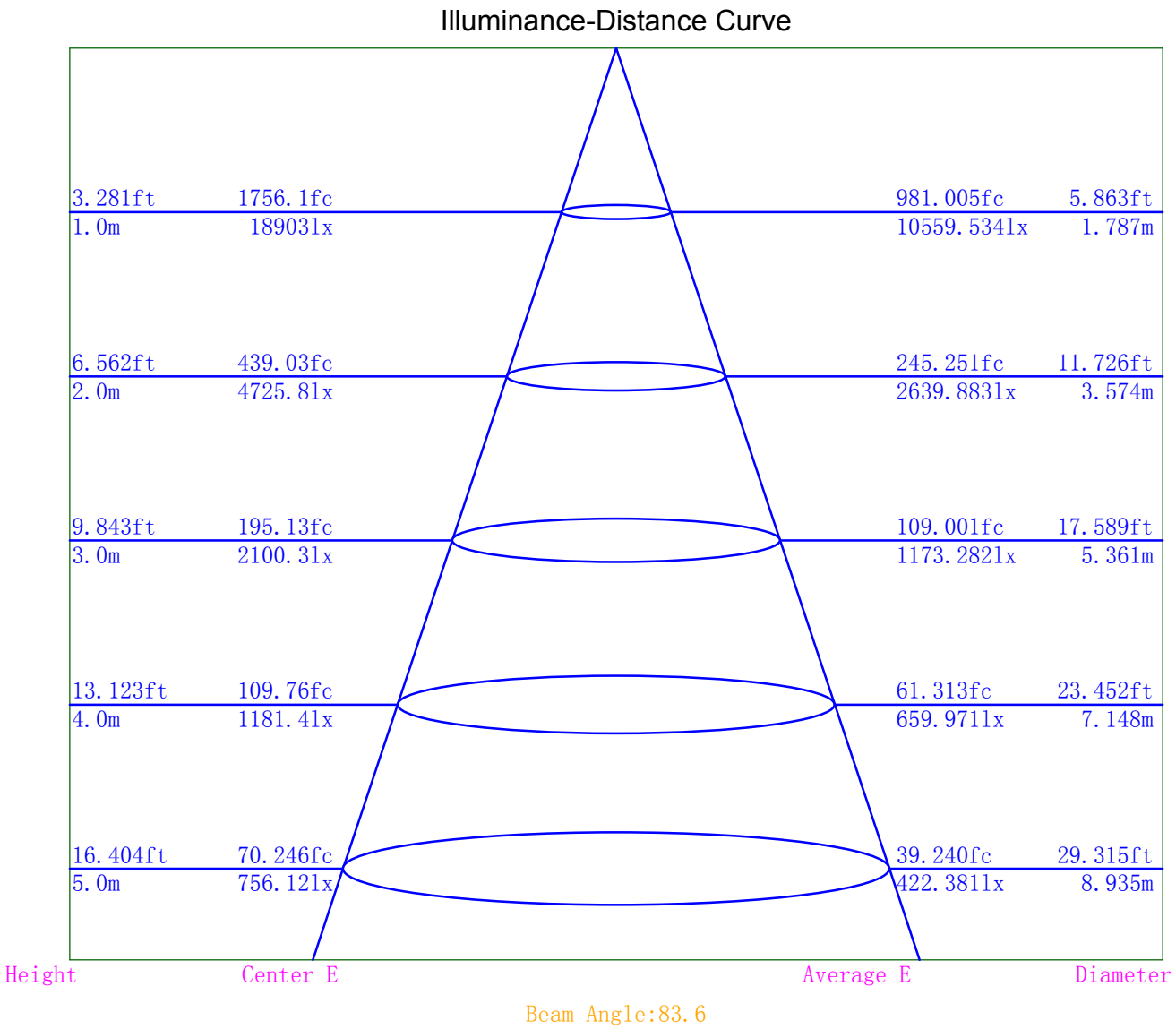


Space Plane Maximum Illuminance and @Angle:19013.87lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:19022.563cd,0eg

IES Indoor Report
Photometric Filename:HB200ME4I-CM D80.IES

Illuminance-Distance Diagram

Lum.Name: HB200ME4I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10



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Photometric Filename:HB200ME4I-CM D80.IES

Indoor Luminance Limiting Curves

Lum.Name: HB200ME4I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/10

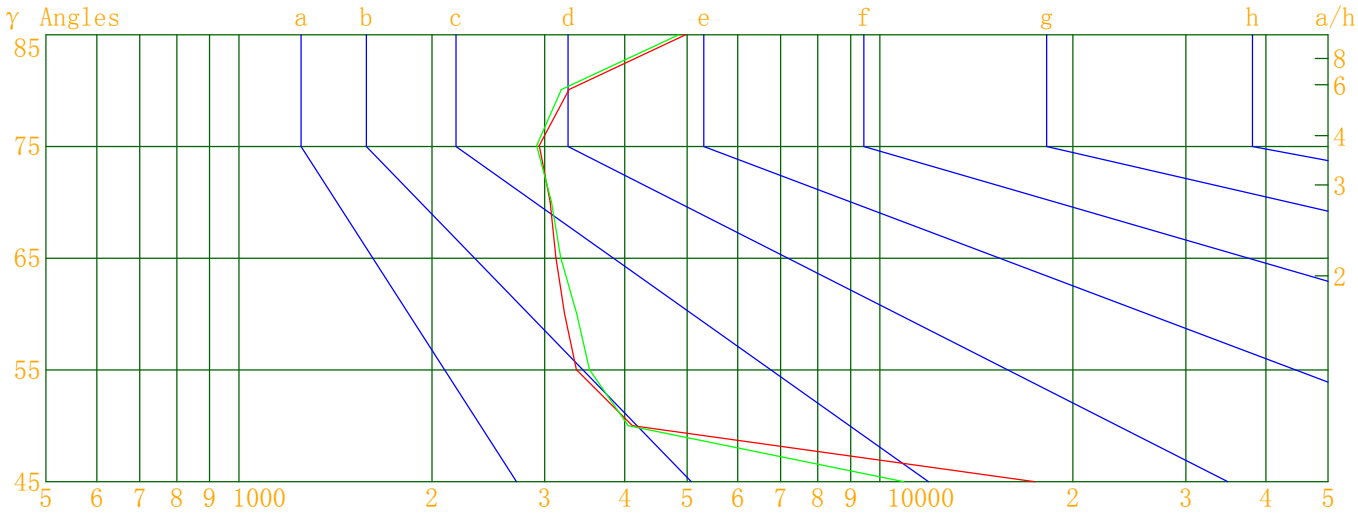
Glare Grade Table

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	17447	4111	3363	3219	3123	3058	2941	3273	4977
C90	10902	4048	3524	3364	3175	3074	2914	3184	4854

Luminance Limiting Curve



Luminous Size: Length(m)=0.565 Width(m)=0.430 Height(m)=0.160 Area(m^2)=0.333350

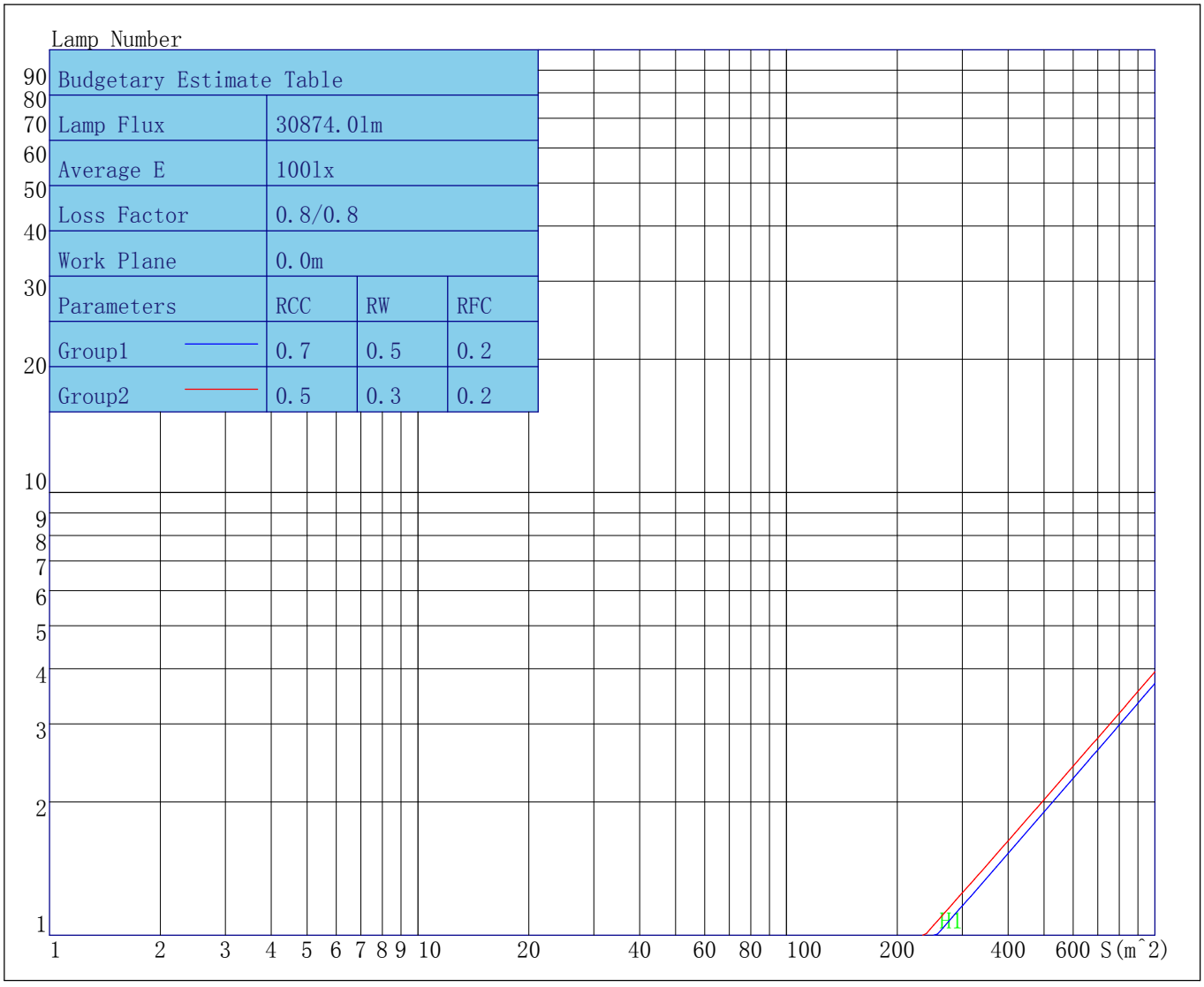
Luminous Type: Without Luminous Side

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

IES Indoor Report
Photometric Filename:HB200ME4I-CM D80.IES

Indoor Budgetary Estimate Table

Lum.Name: HB200ME4I-CM D80	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 D80.IES

Indoor Coefficient of Utilization Table

Lum.Name: HB200ME4I-CM D80	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	116	116	116	116	113	113	113	113	107	107	107	102	102	102	97	97	97	95
1	109	106	103	101	107	104	101	99	99	97	95	95	94	92	91	90	89	87
2	103	97	93	89	100	95	91	88	92	88	85	88	85	83	85	83	81	79
3	97	89	84	79	94	88	83	78	85	80	77	82	78	75	79	76	74	72
4	91	82	76	71	89	81	75	70	78	73	69	76	72	68	74	70	67	65
5	85	76	69	64	83	75	68	64	72	67	63	70	66	62	69	65	61	60
6	80	70	63	58	78	69	63	58	67	62	57	65	61	57	64	60	56	55
7	75	65	58	53	74	64	58	53	62	57	53	61	56	52	60	55	52	50
8	71	60	54	49	69	59	53	49	58	52	48	57	52	48	56	51	48	46
9	67	56	49	45	65	55	49	45	54	49	45	53	48	44	52	47	44	42
10	63	52	46	42	62	52	46	41	51	45	41	50	45	41	49	44	41	39

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Unified Glare Rating Table

Lum.Name: HB200ME4I-CM D80	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	20.0	21.0	20.4	21.3	21.7	19.5	20.5	19.9	20.9	21.3
	Y=3H	19.9	20.8	20.3	21.2	21.6	19.5	20.4	19.9	20.8	21.2
	Y=4H	19.9	20.7	20.3	21.1	21.6	19.5	20.3	19.9	20.7	21.2
	Y=6H	19.9	20.6	20.3	21.0	21.5	19.5	20.2	19.9	20.6	21.1
	Y=8H	19.9	20.6	20.4	21.0	21.5	19.5	20.1	19.9	20.6	21.1
	Y=12H	19.9	20.5	20.4	21.0	21.5	19.5	20.1	20.0	20.6	21.1
X=4H	Y=2H	19.7	20.6	20.2	21.0	21.4	19.3	20.1	19.8	20.5	21.0
	Y=3H	19.7	20.4	20.2	20.8	21.3	19.3	20.0	19.8	20.4	20.9
	Y=4H	19.7	20.3	20.2	20.8	21.3	19.3	19.9	19.8	20.4	20.9
	Y=6H	19.8	20.3	20.3	20.8	21.3	19.4	19.9	19.9	20.4	20.9
	Y=8H	19.8	20.3	20.3	20.8	21.3	19.4	19.9	19.9	20.4	20.9
	Y=12H	19.9	20.3	20.4	20.8	21.3	19.5	19.9	20.0	20.4	21.0
X=8H	Y=4H	19.6	20.1	20.2	20.6	21.1	19.2	19.7	19.8	20.2	20.7
	Y=6H	19.7	20.1	20.3	20.6	21.2	19.4	19.7	19.9	20.3	20.8
	Y=8H	19.8	20.1	20.4	20.7	21.3	19.4	19.8	20.0	20.3	20.9
	Y=12H	20.0	20.2	20.5	20.8	21.4	19.6	19.9	20.2	20.4	21.1
X=12H	Y=4H	19.6	20.0	20.1	20.5	21.1	19.2	19.6	19.7	20.1	20.7
	Y=6H	19.7	20.0	20.3	20.5	21.2	19.3	19.6	19.9	20.2	20.8
	Y=8H	19.8	20.1	20.4	20.6	21.3	19.5	19.7	20.0	20.3	20.9
Variations with the objerver position at spacings											
S=1.0H		0.2/-0.2					0.2/-0.2				
S=1.5H		0.5/-0.4					0.5/-0.5				
S=2.0H		0.5/-0.6					0.5/-0.6				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		0.6					0.6				

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	18903.1	18903.1	18903.1	18903.1
γ 1.0	19022.6	18893.2	18871.1	18788.2
γ 2.0	19011.0	18882.9	18859.8	18783.2
γ 3.0	19001.3	18873.8	18850.6	18779.5
γ 4.0	18994.0	18866.3	18843.2	18777.6
γ 5.0	18988.1	18860.0	18837.5	18777.3
γ 6.0	18983.8	18855.3	18834.4	18778.5
γ 7.0	18981.1	18852.1	18832.0	18780.9
γ 8.0	18980.3	18850.7	18831.1	18784.0
γ 9.0	18981.2	18851.2	18831.5	18788.9
γ 10.0	18983.3	18852.7	18833.4	18793.9
γ 11.0	18985.6	18855.2	18835.3	18798.5
γ 12.0	18989.4	18858.3	18837.5	18802.3
γ 13.0	18992.3	18861.5	18839.1	18804.8
γ 14.0	18994.2	18864.9	18839.2	18806.7
γ 15.0	18994.0	18866.1	18839.3	18806.6
γ 16.0	18992.4	18863.8	18837.3	18805.1
γ 17.0	18989.7	18860.1	18832.8	18801.9
γ 18.0	18985.3	18852.3	18824.8	18797.0
γ 19.0	18977.8	18839.7	18812.9	18789.0
γ 20.0	18966.3	18822.3	18795.2	18774.5
γ 21.0	18945.2	18797.7	18768.6	18752.7
γ 22.0	18914.2	18765.1	18733.3	18721.1
γ 23.0	18869.9	18721.5	18684.6	18679.0
γ 24.0	18809.8	18664.0	18619.4	18623.2
γ 25.0	18732.3	18588.3	18537.2	18552.1
γ 26.0	18634.7	18492.1	18434.3	18460.7
γ 27.0	18513.9	18370.5	18306.2	18345.7
γ 28.0	18370.0	18219.6	18150.3	18200.6
γ 29.0	18196.8	18035.2	17959.1	18020.1
γ 30.0	17986.6	17814.1	17724.4	17797.8
γ 31.0	17737.8	17549.1	17444.6	17522.5
γ 32.0	17437.7	17231.0	17104.3	17187.0
γ 33.0	17084.3	16852.5	16696.3	16779.8
γ 34.0	16674.2	16400.5	16212.0	16284.0
γ 35.0	16194.4	15862.9	15633.1	15684.4
γ 36.0	15620.4	15222.3	14936.1	14966.2
γ 37.0	14943.1	14461.1	14111.9	14100.6
γ 38.0	14123.4	13555.9	13120.2	13060.9
γ 39.0	13150.2	12486.8	11943.5	11845.9
γ 40.0	12022.9	11235.0	10584.6	10432.9
γ 41.0	10703.0	9798.4	9045.7	8834.2
γ 42.0	9178.0	8189.5	7368.2	7111.6
γ 43.0	7517.4	6477.8	5682.5	5374.3
γ 44.0	5776.3	4846.4	4125.6	3801.2
γ 45.0	4112.6	3458.6	2883.1	2569.7
γ 46.0	2749.2	2412.6	2016.0	1721.7

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 47.0	1798.1	1721.2	1479.8	1246.6
γ 48.0	1263.0	1298.0	1174.5	1030.6
γ 49.0	1004.0	1065.1	1004.7	933.1
γ 50.0	880.9	937.7	910.2	867.4
γ 51.0	813.0	854.9	843.1	815.5
γ 52.0	761.1	789.1	787.5	771.8
γ 53.0	715.3	733.8	740.6	732.7
γ 54.0	674.7	688.4	700.9	700.0
γ 55.0	642.9	653.4	670.4	673.7
γ 56.0	618.6	627.9	645.5	650.5
γ 57.0	597.1	606.4	623.1	628.9
γ 58.0	576.2	586.1	602.2	606.4
γ 59.0	555.8	566.8	581.8	583.2
γ 60.0	536.5	546.8	561.5	560.7
γ 61.0	518.5	525.5	539.6	535.4
γ 62.0	500.5	503.8	515.7	508.9
γ 63.0	480.8	484.1	490.7	486.1
γ 64.0	459.9	466.1	465.0	466.7
γ 65.0	440.0	447.2	439.0	447.3
γ 66.0	421.2	426.1	415.8	426.5
γ 67.0	403.0	404.0	396.2	405.0
γ 68.0	384.1	384.0	378.1	384.2
γ 69.0	365.7	366.4	360.6	366.7
γ 70.0	348.6	349.9	342.8	350.4
γ 71.0	330.5	334.1	325.2	331.9
γ 72.0	310.9	317.8	307.8	309.9
γ 73.0	291.1	300.6	291.2	288.8
γ 74.0	271.1	281.8	274.1	268.6
γ 75.0	253.7	263.5	257.4	251.4
γ 76.0	237.1	246.7	241.2	236.4
γ 77.0	222.9	231.7	224.8	221.3
γ 78.0	210.7	217.2	210.6	206.9
γ 79.0	199.7	203.3	196.9	194.8
γ 80.0	189.4	190.4	185.4	184.3
γ 81.0	180.7	179.7	174.8	174.7
γ 82.0	171.1	170.4	165.0	165.5
γ 83.0	161.1	161.7	155.7	156.5
γ 84.0	151.7	152.2	146.8	148.4
γ 85.0	144.6	143.6	139.4	141.0
γ 86.0	138.9	137.0	132.3	133.6
γ 87.0	132.3	131.2	126.6	127.7
γ 88.0	125.8	125.5	122.5	123.0
γ 89.0	122.6	121.9	120.2	120.5
γ 90.0	120.4	119.5	118.0	118.4
γ 91.0	118.2	117.4	116.5	116.7
γ 92.0	116.5	115.9	115.1	115.4
γ 93.0	115.3	114.6	114.0	114.2

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 94.0	114.2	113.5	113.0	113.2
γ 95.0	113.3	112.6	112.2	112.5
γ 96.0	112.3	111.8	111.6	111.8
γ 97.0	111.9	111.4	111.3	111.3
γ 98.0	111.4	110.9	110.9	111.1
γ 99.0	111.2	110.7	110.9	110.9
γ 100.0	111.2	110.7	110.9	111.0
γ 101.0	111.3	110.6	111.0	111.2
γ 102.0	111.4	110.9	111.4	111.4
γ 103.0	111.7	111.4	111.9	111.7
γ 104.0	112.1	111.9	112.4	112.3
γ 105.0	112.7	112.5	113.1	112.9
γ 106.0	113.3	113.1	113.8	113.5
γ 107.0	114.0	113.9	114.6	114.4
γ 108.0	115.0	114.8	115.5	115.4
γ 109.0	115.9	115.7	116.6	116.3
γ 110.0	116.9	116.7	117.6	117.4
γ 111.0	118.1	117.8	118.9	118.6
γ 112.0	119.1	119.0	120.1	119.8
γ 113.0	120.4	120.3	121.3	121.1
γ 114.0	121.8	121.7	122.7	122.5
γ 115.0	123.3	123.2	124.2	123.9
γ 116.0	124.6	124.6	125.8	125.5
γ 117.0	126.2	126.1	127.4	126.9
γ 118.0	127.6	127.7	128.9	128.6
γ 119.0	129.3	129.2	130.5	130.2
γ 120.0	131.0	130.9	132.2	131.9
γ 121.0	132.5	132.6	134.0	133.6
γ 122.0	134.3	134.4	135.8	135.5
γ 123.0	136.1	136.2	137.6	137.2
γ 124.0	138.0	138.0	139.4	139.0
γ 125.0	139.8	139.9	141.3	140.8
γ 126.0	141.7	141.8	143.2	142.7
γ 127.0	143.6	143.7	145.0	144.5
γ 128.0	145.6	145.6	146.8	146.4
γ 129.0	147.5	147.6	148.7	148.3
γ 130.0	149.5	149.5	150.5	150.2
γ 131.0	151.4	151.3	152.3	152.0
γ 132.0	153.2	153.3	154.1	153.9
γ 133.0	155.0	155.0	155.7	155.7
γ 134.0	156.8	156.7	157.5	157.5
γ 135.0	158.5	158.3	159.2	159.4
γ 136.0	160.2	160.0	160.9	161.1
γ 137.0	161.9	161.5	162.6	162.9
γ 138.0	163.5	163.0	164.3	164.8
γ 139.0	165.2	164.5	165.9	166.5
γ 140.0	166.6	166.1	167.6	168.2

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 141.0	168.2	167.5	169.0	170.0
γ 142.0	169.7	168.8	170.5	171.5
γ 143.0	171.0	170.2	172.0	173.1
γ 144.0	172.4	171.8	173.3	174.7
γ 145.0	173.9	173.3	174.8	176.3
γ 146.0	175.2	174.7	176.4	177.7
γ 147.0	176.4	176.3	177.8	179.2
γ 148.0	177.8	177.6	179.3	180.6
γ 149.0	179.1	178.9	180.9	182.1
γ 150.0	180.5	180.6	182.4	183.6
γ 151.0	181.8	182.0	184.1	185.3
γ 152.0	183.4	183.6	185.9	187.1
γ 153.0	185.2	185.3	187.9	189.1
γ 154.0	187.0	187.2	189.8	191.0
γ 155.0	189.0	189.1	191.9	193.2
γ 156.0	191.2	191.2	194.2	195.3
γ 157.0	193.6	193.5	196.4	197.6
γ 158.0	196.0	195.8	198.9	199.9
γ 159.0	198.6	198.3	201.3	202.4
γ 160.0	201.0	200.8	203.8	204.8
γ 161.0	203.4	203.4	206.3	207.2
γ 162.0	206.0	205.8	208.5	209.5
γ 163.0	208.4	208.2	210.9	211.9
γ 164.0	210.8	210.6	213.1	214.2
γ 165.0	213.3	213.0	215.1	216.3
γ 166.0	215.5	215.1	217.2	218.4
γ 167.0	217.9	217.2	219.2	220.1
γ 168.0	219.9	219.3	220.9	221.9
γ 169.0	222.0	221.2	222.7	223.6
γ 170.0	223.9	223.1	224.1	225.1
γ 171.0	225.5	224.7	225.7	226.6
γ 172.0	227.0	226.3	227.0	227.9
γ 173.0	228.3	227.7	228.1	229.3
γ 174.0	229.4	229.0	229.1	230.4
γ 175.0	230.6	230.3	230.1	231.6
γ 176.0	231.5	231.5	231.0	232.7
γ 177.0	232.4	232.6	231.9	233.6
γ 178.0	233.2	233.4	232.6	234.3
γ 179.0	234.0	234.2	233.3	234.9
γ 180.0	234.6	234.6	234.6	234.6