IES Indoor Report
Photometric Filename:HB060ME2I-CM D80.IES

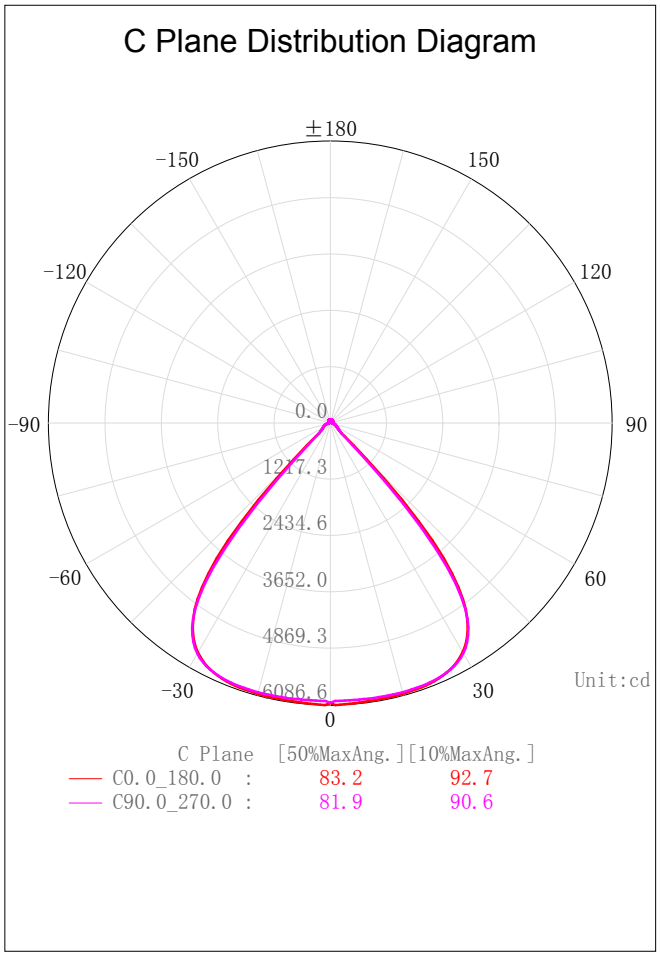
Indoor Luminaire Photometric Data

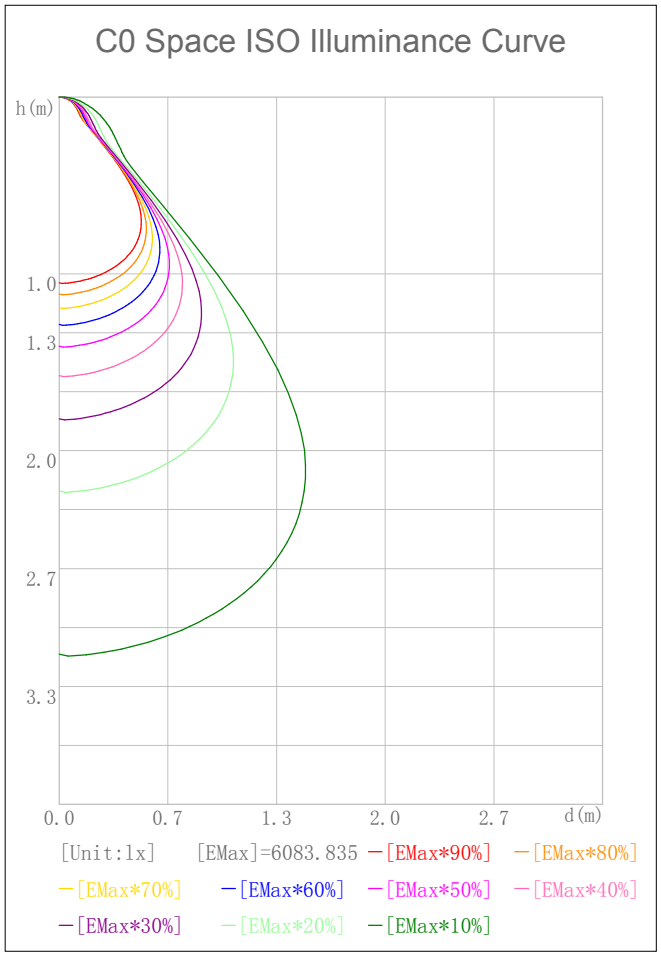
Description Information

Luminary Name: HB060ME2I-CM D80		Lum. Catelog: LED HighBay Mildb	Test ID:
Lamp Name:		Lamp Catelog: CREE3030	Test Date: 2020/04/13
Manufacture:		Shld.Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum.Size(W*L*H):0.257m*0.362m*0.130m		Lum.Area(m2):0.140	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):	9900.000	Luminary Flux(lm): 9816.711	Field Angle(10%Imax): 92.7(°)
Rated Power(W):		Luminary Efficiency: 99.16%	Down Lumens&Percent: 9527.621lm 97.06%
Rated Voltage(V):		Luminary EER(lm/W): 162.260	Up Lumens&Percent: 289.090lm 2.94%
Tested Power(W):	60.500	Max.Candela(cd): 6086.615	S/MH: C0_a180=1.349 C90_270=1.352
Lamps' Inside:	1	Max Cand@Ang.(°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):222.0,0.275,0.989		Beam Angle(50%Imax): 83.2(°)	ErP Φuse(90°): 8901.867lm
Lamp Size(W*L*H):0.257m*0.362m*0.130m		Left=-41.6° ,Right=41.6°	IRF(%): 138.183



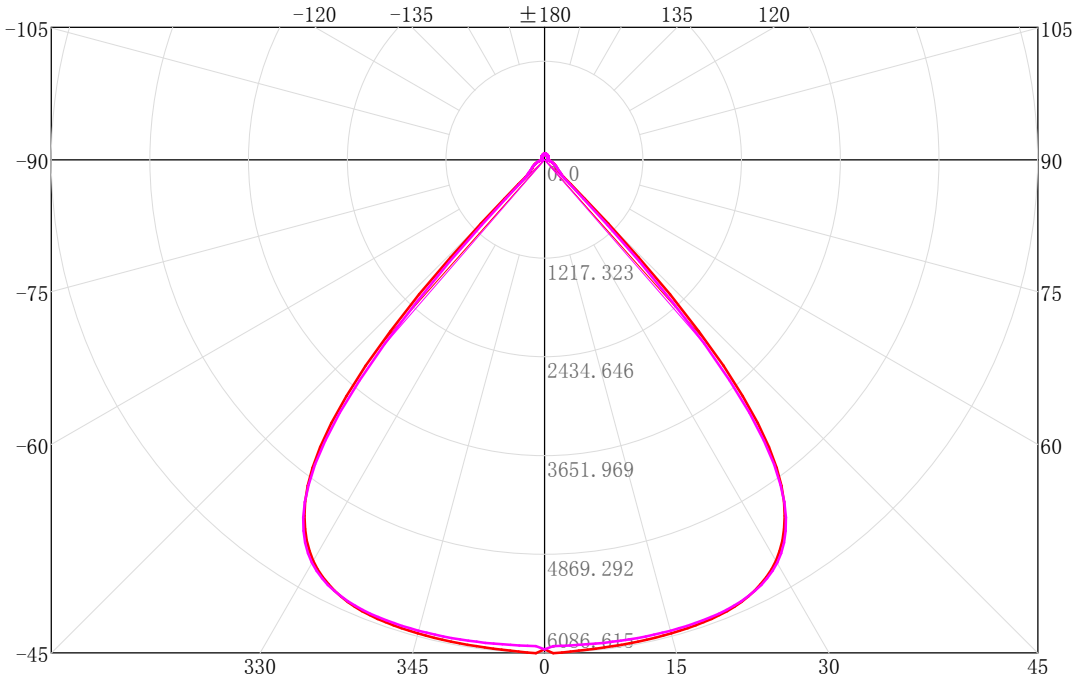


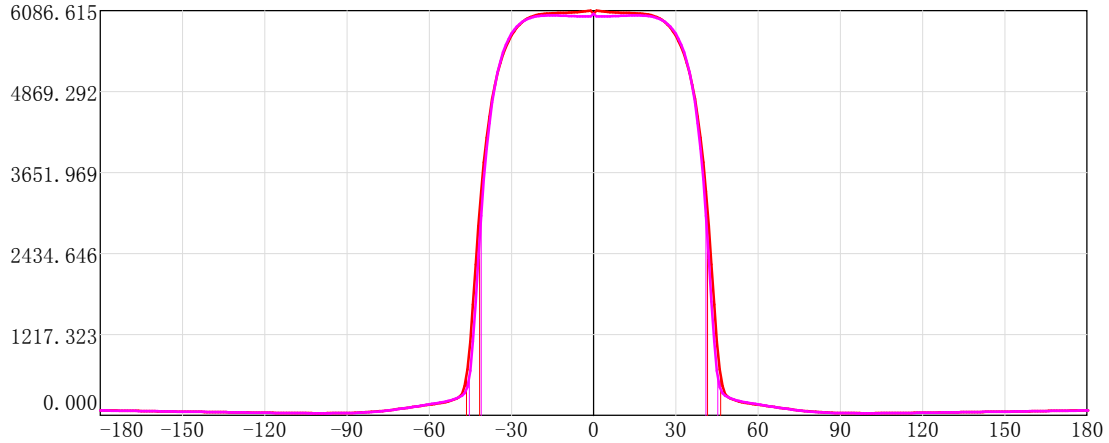
IES Indoor Report
Photometric Filename:HB060ME2I-CM D80.IES

2D Plane Light Intensity Distribution Curve

Lum.Name: HB060ME2I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/13

C Plane Distribution Diagram





C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
C0.0_180.0 :	83.2	92.7	
C90.0_270.0 :	81.9	90.6	

IES Indoor Report
Photometric Filename:HB060ME2I-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	5.78	5.78	0.06	0.06	47.0-48.0	29.75	9027.68	0.30	91.19
1.0-2.0	17.31	23.09	0.17	0.23	48.0-49.0	25.24	9052.92	0.25	91.44
2.0-3.0	28.83	51.92	0.29	0.52	49.0-50.0	23.07	9075.99	0.23	91.68
3.0-4.0	40.34	92.26	0.41	0.93	50.0-51.0	21.69	9097.68	0.22	91.90
4.0-5.0	51.82	144.08	0.52	1.46	51.0-52.0	20.60	9118.28	0.21	92.10
5.0-6.0	63.28	207.36	0.64	2.09	52.0-53.0	19.64	9137.92	0.20	92.30
6.0-7.0	74.73	282.09	0.75	2.85	53.0-54.0	18.80	9156.72	0.19	92.49
7.0-8.0	86.15	368.23	0.87	3.72	54.0-55.0	18.17	9174.90	0.18	92.68
8.0-9.0	97.54	465.78	0.99	4.70	55.0-56.0	17.71	9192.61	0.18	92.85
9.0-10.0	108.91	574.69	1.10	5.80	56.0-57.0	17.31	9209.92	0.17	93.03
10.0-11.0	120.25	694.94	1.21	7.02	57.0-58.0	16.92	9226.85	0.17	93.20
11.0-12.0	131.56	826.51	1.33	8.35	58.0-59.0	16.52	9243.37	0.17	93.37
12.0-13.0	142.83	969.34	1.44	9.79	59.0-60.0	16.11	9259.48	0.16	93.53
13.0-14.0	154.05	1123.39	1.56	11.35	60.0-61.0	15.65	9275.12	0.16	93.69
14.0-15.0	165.20	1288.59	1.67	13.02	61.0-62.0	15.16	9290.28	0.15	93.84
15.0-16.0	176.28	1464.87	1.78	14.80	62.0-63.0	14.67	9304.95	0.15	93.99
16.0-17.0	187.28	1652.15	1.89	16.69	63.0-64.0	14.16	9319.11	0.14	94.13
17.0-18.0	198.19	1850.34	2.00	18.69	64.0-65.0	13.62	9332.73	0.14	94.27
18.0-19.0	208.98	2059.32	2.11	20.80	65.0-66.0	13.08	9345.80	0.13	94.40
19.0-20.0	219.65	2278.97	2.22	23.02	66.0-67.0	12.55	9358.35	0.13	94.53
20.0-21.0	230.16	2509.14	2.32	25.34	67.0-68.0	12.05	9370.40	0.12	94.65
21.0-22.0	240.48	2749.62	2.43	27.77	68.0-69.0	11.60	9382.00	0.12	94.77
22.0-23.0	250.57	3000.19	2.53	30.30	69.0-70.0	11.15	9393.15	0.11	94.88
23.0-24.0	260.37	3260.56	2.63	32.93	70.0-71.0	10.68	9403.83	0.11	94.99
24.0-25.0	269.82	3530.38	2.73	35.66	71.0-72.0	10.18	9414.01	0.10	95.09
25.0-26.0	278.86	3809.24	2.82	38.48	72.0-73.0	9.67	9423.68	0.10	95.19
26.0-27.0	287.42	4096.66	2.90	41.38	73.0-74.0	9.14	9432.82	0.09	95.28
27.0-28.0	295.39	4392.05	2.98	44.36	74.0-75.0	8.62	9441.44	0.09	95.37
28.0-29.0	302.68	4694.73	3.06	47.42	75.0-76.0	8.14	9449.58	0.08	95.45
29.0-30.0	309.13	5003.86	3.12	50.54	76.0-77.0	7.68	9457.26	0.08	95.53
30.0-31.0	314.60	5318.46	3.18	53.72	77.0-78.0	7.24	9464.50	0.07	95.60
31.0-32.0	318.89	5637.36	3.22	56.94	78.0-79.0	6.82	9471.32	0.07	95.67
32.0-33.0	321.76	5959.12	3.25	60.19	79.0-80.0	6.46	9477.78	0.07	95.74
33.0-34.0	322.94	6282.05	3.26	63.46	80.0-81.0	6.13	9483.91	0.06	95.80
34.0-35.0	322.09	6604.14	3.25	66.71	81.0-82.0	5.82	9489.73	0.06	95.86
35.0-36.0	318.73	6922.87	3.22	69.93	82.0-83.0	5.52	9495.25	0.06	95.91
36.0-37.0	312.27	7235.14	3.15	73.08	83.0-84.0	5.22	9500.47	0.05	95.96
37.0-38.0	301.89	7537.03	3.05	76.13	84.0-85.0	4.96	9505.43	0.05	96.01
38.0-39.0	286.63	7823.66	2.90	79.03	85.0-86.0	4.73	9510.16	0.05	96.06
39.0-40.0	265.63	8089.29	2.68	81.71	86.0-87.0	4.55	9514.71	0.05	96.11
40.0-41.0	238.16	8327.45	2.41	84.12	87.0-88.0	4.40	9519.11	0.04	96.15
41.0-42.0	203.69	8531.15	2.06	86.17	88.0-89.0	4.29	9523.40	0.04	96.20
42.0-43.0	163.63	8694.78	1.65	87.83	89.0-90.0	4.22	9527.62	0.04	96.24
43.0-44.0	122.16	8816.94	1.23	89.06	90.0-91.0	4.15	9531.77	0.04	96.28
44.0-45.0	84.93	8901.87	0.86	89.92	91.0-92.0	4.09	9535.87	0.04	96.32
45.0-46.0	56.84	8958.71	0.57	90.49	92.0-93.0	4.05	9539.91	0.04	96.36
46.0-47.0	39.21	8997.92	0.40	90.89	93.0-94.0	4.00	9543.92	0.04	96.40

IES Indoor Report
Photometric Filename:HB060ME2I-CM D80.IES

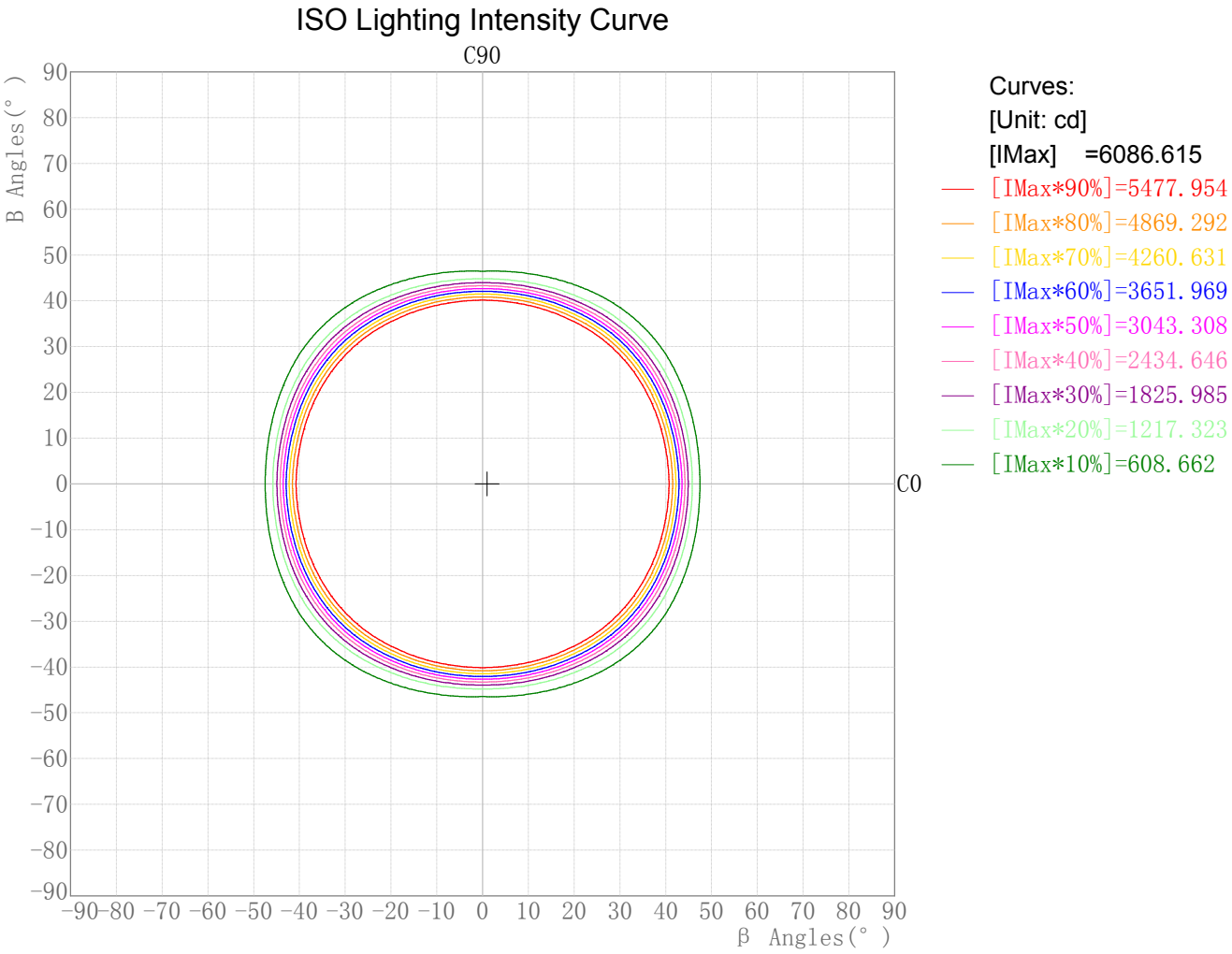
Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	3.97	9547.89	0.04	96.44
95.0-96.0	3.94	9551.82	0.04	96.48
96.0-97.0	3.91	9555.73	0.04	96.52
97.0-98.0	3.89	9559.62	0.04	96.56
98.0-99.0	3.87	9563.50	0.04	96.60
99.0-100.0	3.86	9567.36	0.04	96.64
100.0-101.0	3.85	9571.21	0.04	96.68
101.0-102.0	3.84	9575.05	0.04	96.72
102.0-103.0	3.84	9578.89	0.04	96.76
103.0-104.0	3.84	9582.73	0.04	96.80
104.0-105.0	3.84	9586.57	0.04	96.83
105.0-106.0	3.85	9590.42	0.04	96.87
106.0-107.0	3.85	9594.28	0.04	96.91
107.0-108.0	3.86	9598.14	0.04	96.95
108.0-109.0	3.87	9602.01	0.04	96.99
109.0-110.0	3.89	9605.90	0.04	97.03
110.0-111.0	3.90	9609.80	0.04	97.07
111.0-112.0	3.91	9613.71	0.04	97.11
112.0-113.0	3.92	9617.63	0.04	97.15
113.0-114.0	3.94	9621.57	0.04	97.19
114.0-115.0	3.95	9625.52	0.04	97.23
115.0-116.0	3.96	9629.49	0.04	97.27
116.0-117.0	3.98	9633.47	0.04	97.31
117.0-118.0	3.99	9637.46	0.04	97.35
118.0-119.0	4.01	9641.46	0.04	97.39
119.0-120.0	4.02	9645.48	0.04	97.43
120.0-121.0	4.03	9649.51	0.04	97.47
121.0-122.0	4.04	9653.55	0.04	97.51
122.0-123.0	4.05	9657.60	0.04	97.55
123.0-124.0	4.06	9661.65	0.04	97.59
124.0-125.0	4.07	9665.72	0.04	97.63
125.0-126.0	4.07	9669.79	0.04	97.67
126.0-127.0	4.07	9673.87	0.04	97.72
127.0-128.0	4.08	9677.94	0.04	97.76
128.0-129.0	4.08	9682.02	0.04	97.80
129.0-130.0	4.07	9686.09	0.04	97.84
130.0-131.0	4.07	9690.16	0.04	97.88
131.0-132.0	4.06	9694.21	0.04	97.92
132.0-133.0	4.04	9698.26	0.04	97.96
133.0-134.0	4.03	9702.28	0.04	98.00
134.0-135.0	4.00	9706.29	0.04	98.04
135.0-136.0	3.98	9710.26	0.04	98.08
136.0-137.0	3.95	9714.21	0.04	98.12
137.0-138.0	3.92	9718.13	0.04	98.16
138.0-139.0	3.88	9722.02	0.04	98.20
139.0-140.0	3.84	9725.86	0.04	98.24
140.0-141.0	3.80	9729.67	0.04	98.28
141.0-142.0	3.76	9733.43	0.04	98.32
142.0-143.0	3.71	9737.14	0.04	98.35
143.0-144.0	3.66	9740.80	0.04	98.39
144.0-145.0	3.60	9744.40	0.04	98.43
145.0-146.0	3.54	9747.94	0.04	98.46
146.0-147.0	3.48	9751.42	0.04	98.50
147.0-148.0	3.42	9754.84	0.03	98.53
148.0-149.0	3.35	9758.19	0.03	98.57
149.0-150.0	3.27	9761.46	0.03	98.60
150.0-151.0	3.20	9764.66	0.03	98.63
151.0-152.0	3.13	9767.79	0.03	98.66
152.0-153.0	3.06	9770.85	0.03	98.70
153.0-154.0	2.98	9773.83	0.03	98.73
154.0-155.0	2.91	9776.74	0.03	98.75
155.0-156.0	2.83	9779.57	0.03	98.78
156.0-157.0	2.76	9782.33	0.03	98.81
157.0-158.0	2.68	9785.00	0.03	98.84
158.0-159.0	2.60	9787.60	0.03	98.86
159.0-160.0	2.51	9790.11	0.03	98.89
160.0-161.0	2.42	9792.53	0.02	98.91
161.0-162.0	2.33	9794.86	0.02	98.94
162.0-163.0	2.23	9797.09	0.02	98.96
163.0-164.0	2.13	9799.22	0.02	98.98
164.0-165.0	2.03	9801.24	0.02	99.00
165.0-166.0	1.92	9803.16	0.02	99.02
166.0-167.0	1.80	9804.97	0.02	99.04
167.0-168.0	1.69	9806.65	0.02	99.06
168.0-169.0	1.57	9808.22	0.02	99.07
169.0-170.0	1.44	9809.67	0.01	99.09
170.0-171.0	1.32	9810.98	0.01	99.10
171.0-172.0	1.19	9812.17	0.01	99.11
172.0-173.0	1.05	9813.22	0.01	99.12
173.0-174.0	0.92	9814.14	0.01	99.13
174.0-175.0	0.78	9814.92	0.01	99.14
175.0-176.0	0.64	9815.56	0.01	99.15
176.0-177.0	0.50	9816.06	0.01	99.15
177.0-178.0	0.36	9816.42	0.00	99.16
178.0-179.0	0.22	9816.64	0.00	99.16
179.0-180.0	0.07	9816.71	0.00	99.16

IES Indoor Report
Photometric Filename:HB060ME2I-CM D80.IES

Rectangle ISO Lighting Intensity Diagram

Lum.Name: HB060ME2I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/13



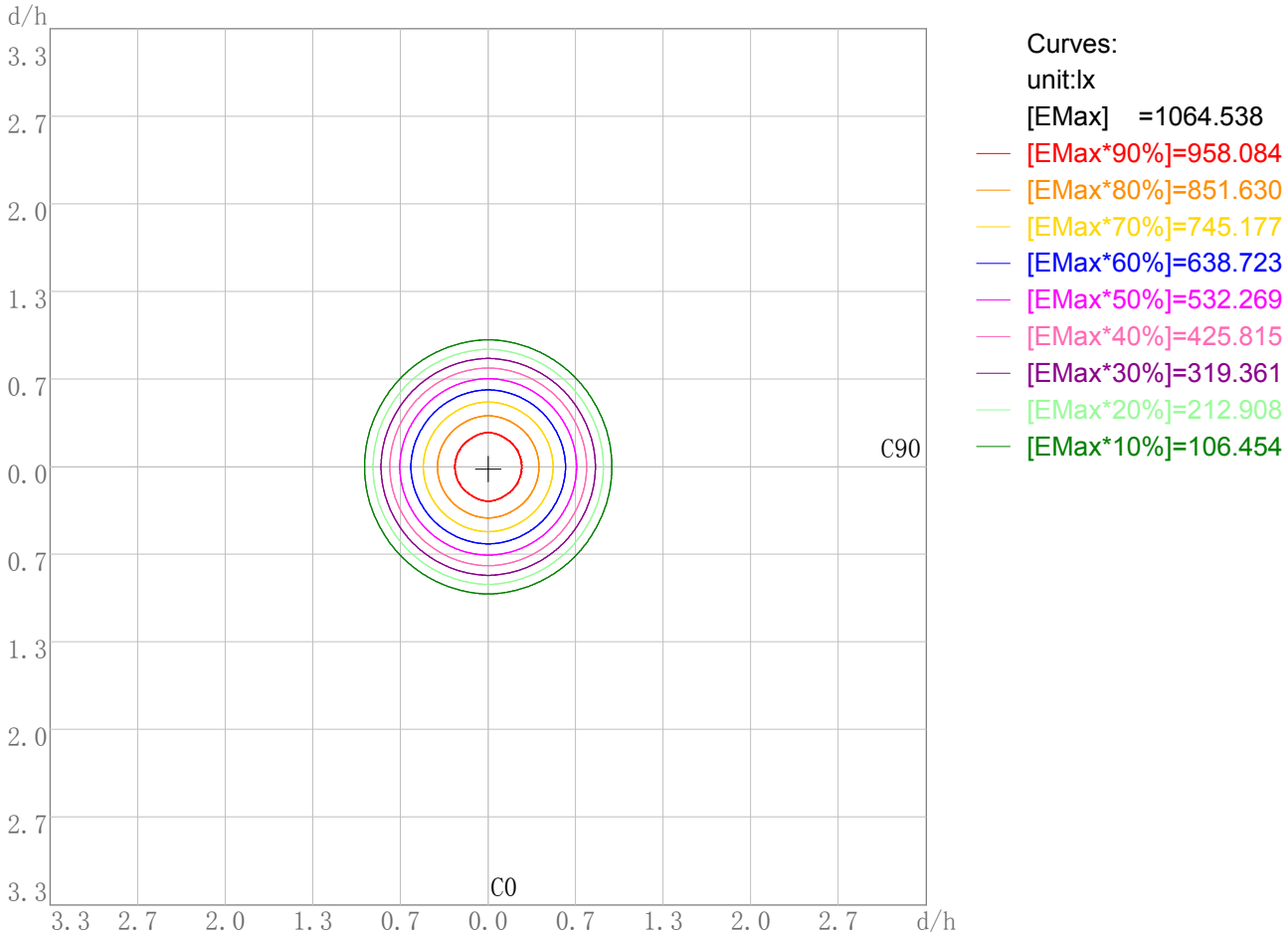
Maximum Light Intensity(cd): 6086.62
Maximum Cand.@Angle: H=1.0°,V=0.0°

IES Indoor Report
Photometric Filename:HB060ME2I-CM D80.IES

Plane ISO-Illuminance Diagram

Lum.Name: HB060ME2I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/13

Plane ISO-Illuminance Curve



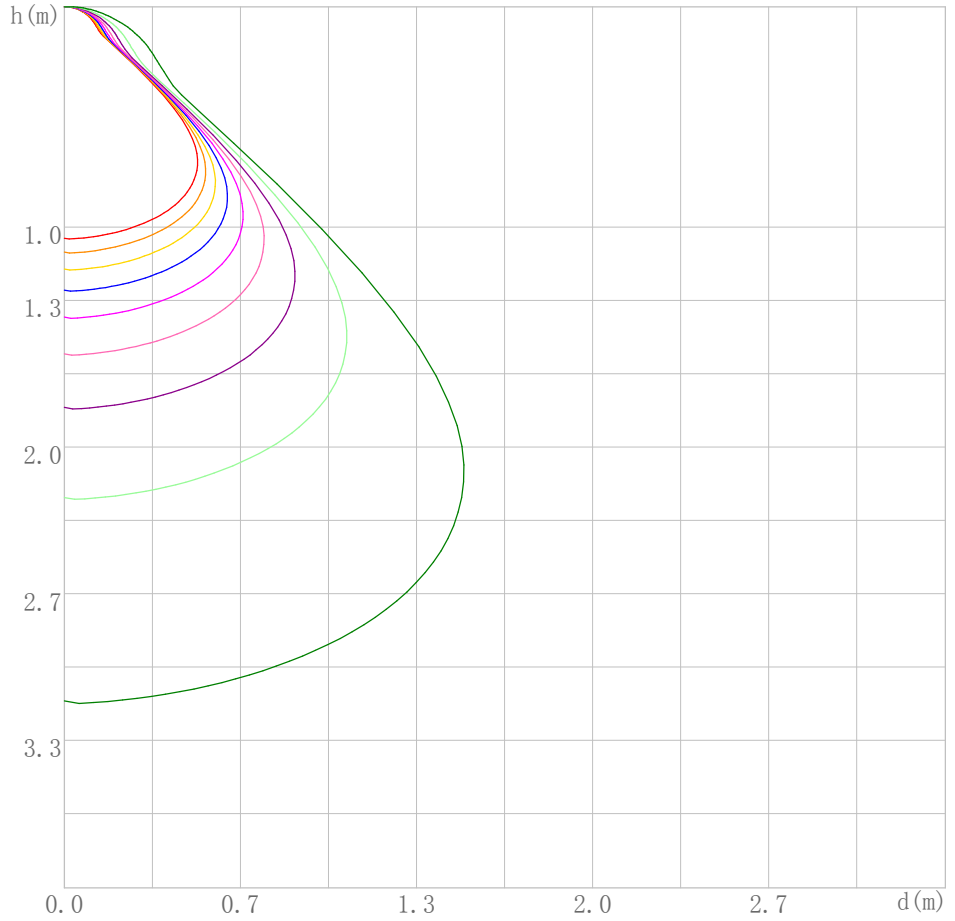
Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 1064.54
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

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Photometric Filename:HB060ME2I-CM D80.IES

Space ISO Illuminance Diagram

Lum.Name: HB060ME2I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/13

Space ISO Illuminance Curve



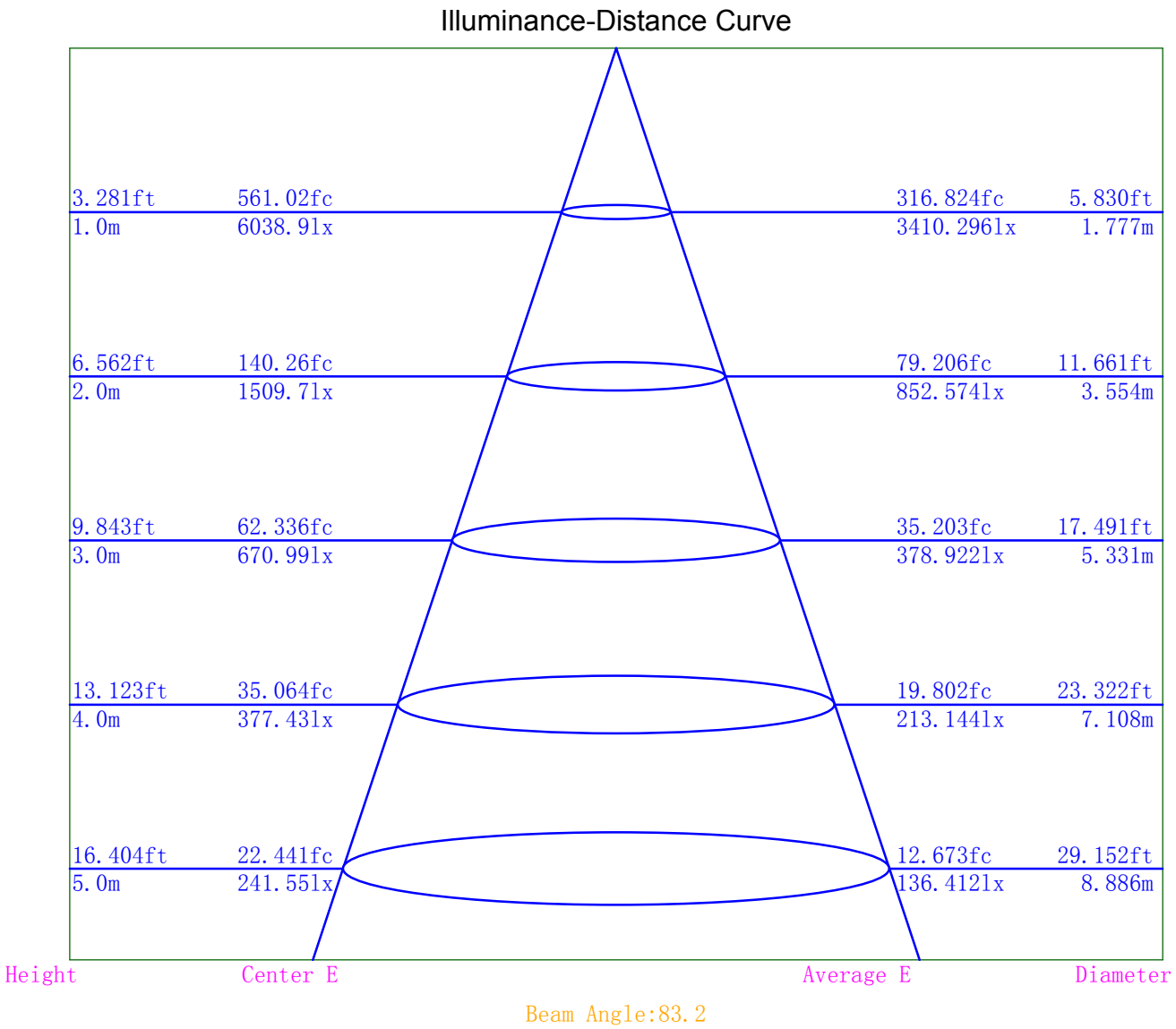
Curves:
[Unit: lx]
[EMax] =6083.835
[EMax*90%]=5475.451
[EMax*80%]=4867.068
[EMax*70%]=4258.684
[EMax*60%]=3650.301
[EMax*50%]=3041.917
[EMax*40%]=2433.534
[EMax*30%]=1825.150
[EMax*20%]=1216.767
[EMax*10%]=608.383

Space Plane Maximum Illuminance and @Angle:6083.83lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:6086.615cd,0eg

IES Indoor Report
Photometric Filename:HB060ME2I-CM D80.IES

Illuminance-Distance Diagram

Lum.Name: HB060ME2I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/13



IES Indoor Report
Photometric Filename:HB060ME2I-CM D80.IES

Indoor Luminance Limiting Curves

Lum.Name: HB060ME2I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/13

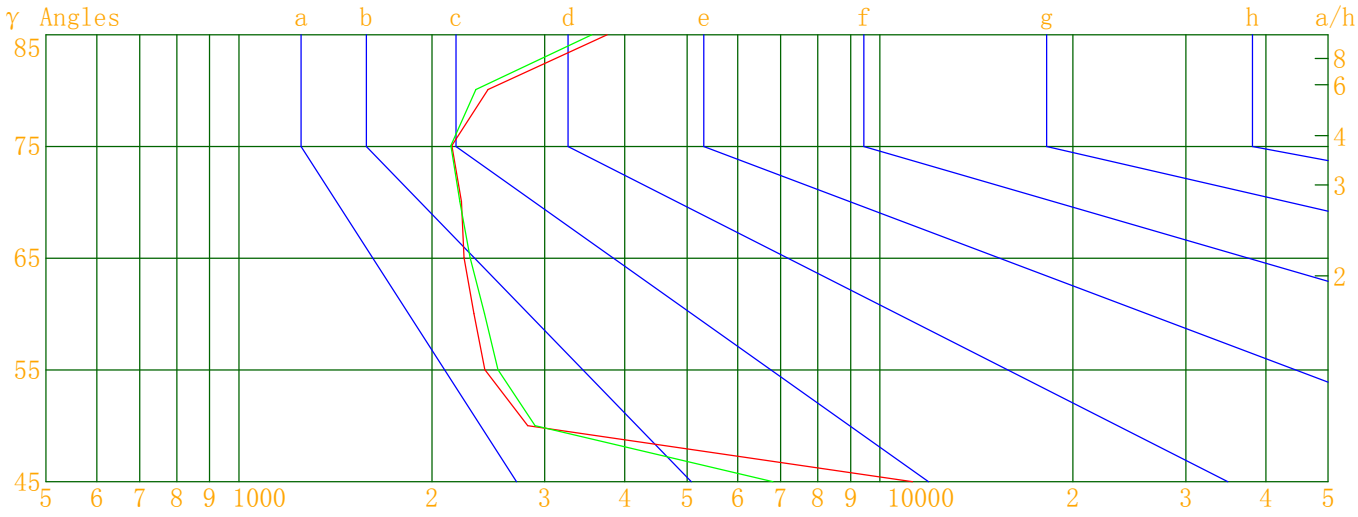
Glare Grade Table

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	11239	2823	2419	2327	2244	2223	2148	2446	3751
C90	6807	2896	2536	2416	2294	2213	2141	2342	3550

Luminance Limiting Curve



Luminous Size: Length(m)=0.362 Width(m)=0.257 Height(m)=0.130 Area(m^2)=0.140094

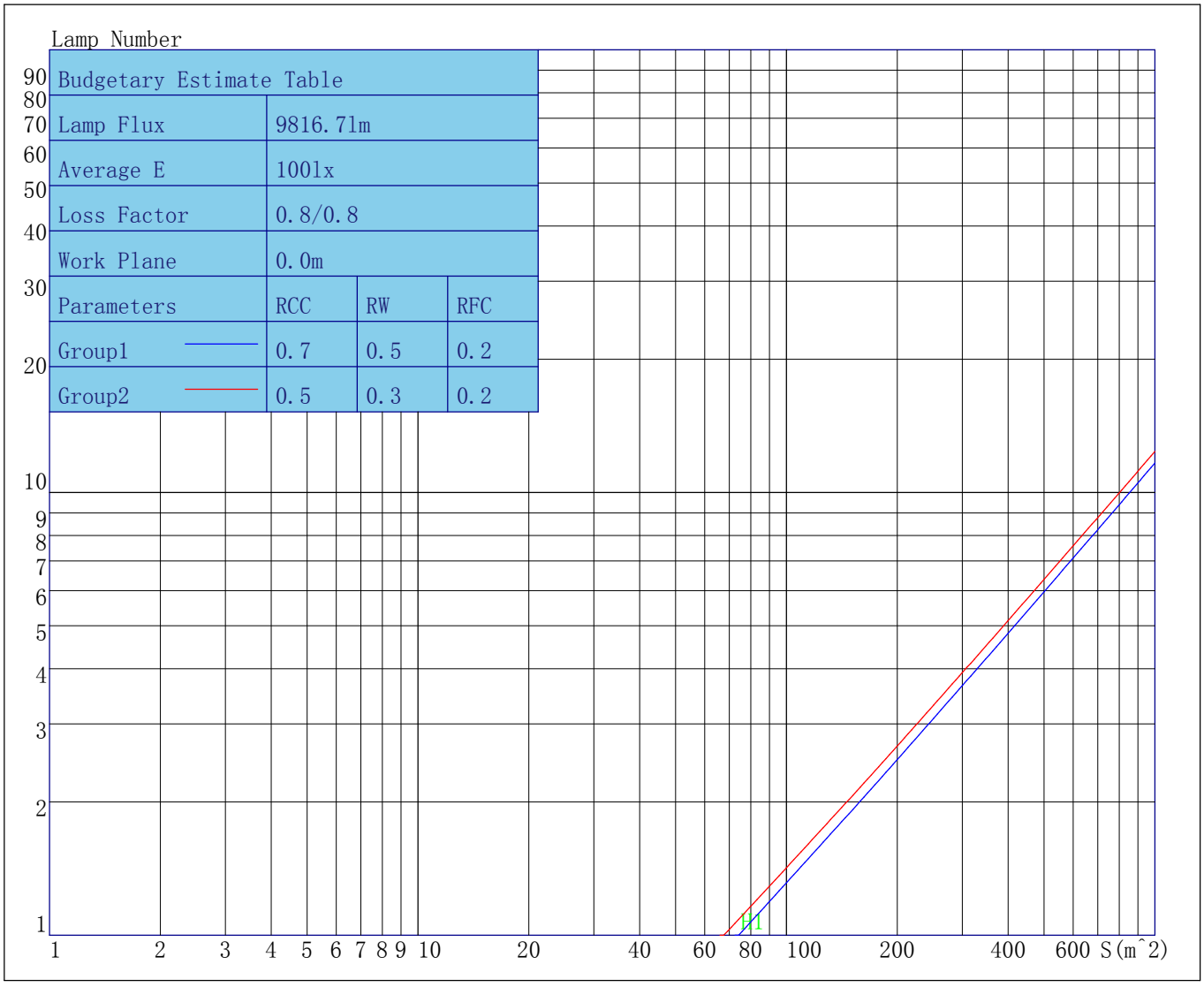
Luminous Type: Without Luminous Side

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

IES Indoor Report
Photometric Filename:HB060ME2I-CM D80.IES

Indoor Budgetary Estimate Table

Lum.Name: HB060ME2I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/13



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:HB060ME2I-CM D80.IES

Indoor Coefficient of Utilization Table

Lum.Name: HB060ME2I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/13

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	117	117	117	117	114	114	114	114	109	109	109	103	103	103	99	99	99	96
1	111	108	105	102	108	105	103	100	101	98	97	96	95	93	92	91	90	88
2	104	99	94	90	102	97	92	89	93	89	86	89	87	84	86	84	82	80
3	98	90	85	80	96	89	84	79	86	81	78	83	79	76	80	77	75	73
4	92	83	77	72	90	82	76	71	79	74	70	77	73	69	75	71	68	66
5	86	77	70	65	84	76	69	65	73	68	64	71	67	63	69	65	62	60
6	81	71	64	59	79	70	64	59	68	62	58	66	61	58	65	60	57	55
7	76	66	59	54	75	65	58	54	63	58	53	62	57	53	60	56	52	51
8	72	61	54	50	70	60	54	49	59	53	49	58	52	49	56	52	48	47
9	68	57	50	46	66	56	50	46	55	49	45	54	49	45	53	48	45	43
10	64	53	47	42	63	52	46	42	51	46	42	50	45	42	49	45	41	40

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Unified Glare Rating Table

Lum.Name: HB060ME2I-CM D80	Lum.Catelog: LED HighBay Mild	Test ID:
Lamp Name:	Lamp Catelog: CREE3030	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/04/13

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	18.9	19.9	19.3	20.3	20.7	18.6	19.6	19.0	20.0	20.4
	Y=3H	18.8	19.7	19.2	20.1	20.5	18.5	19.4	19.0	19.8	20.3
	Y=4H	18.8	19.6	19.2	20.0	20.5	18.5	19.3	19.0	19.7	20.2
	Y=6H	18.8	19.5	19.2	19.9	20.4	18.5	19.2	19.0	19.7	20.1
	Y=8H	18.8	19.5	19.2	19.9	20.4	18.5	19.2	19.0	19.6	20.1
	Y=12H	18.8	19.4	19.3	19.9	20.4	18.5	19.2	19.0	19.6	20.1
X=4H	Y=2H	18.6	19.5	19.1	19.9	20.3	18.4	19.2	18.8	19.6	20.1
	Y=3H	18.6	19.3	19.1	19.8	20.2	18.3	19.0	18.8	19.5	20.0
	Y=4H	18.6	19.2	19.1	19.7	20.2	18.4	19.0	18.8	19.4	20.0
	Y=6H	18.7	19.2	19.2	19.7	20.2	18.4	18.9	18.9	19.4	20.0
	Y=8H	18.7	19.2	19.2	19.7	20.2	18.4	18.9	18.9	19.4	19.9
	Y=12H	18.7	19.2	19.3	19.7	20.2	18.5	18.9	19.0	19.4	20.0
X=8H	Y=4H	18.5	19.0	19.0	19.5	20.0	18.3	18.7	18.8	19.2	19.8
	Y=6H	18.6	19.0	19.2	19.5	20.1	18.3	18.7	18.9	19.3	19.9
	Y=8H	18.7	19.0	19.3	19.6	20.2	18.4	18.8	19.0	19.3	19.9
	Y=12H	18.8	19.1	19.4	19.7	20.3	18.6	18.9	19.1	19.4	20.0
X=12H	Y=4H	18.5	18.9	19.0	19.4	20.0	18.2	18.6	18.8	19.2	19.7
	Y=6H	18.6	18.9	19.2	19.4	20.0	18.3	18.7	18.9	19.2	19.8
	Y=8H	18.7	19.0	19.3	19.5	20.2	18.4	18.7	19.0	19.3	19.9
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		0.5/-0.6					0.5/-0.6				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		0.5					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	6038.87	6038.87	6038.87	6038.87
γ 1.0	6086.62	6031.30	6025.00	5999.13
γ 2.0	6080.55	6027.11	6021.50	5998.78
γ 3.0	6075.47	6022.87	6018.77	5999.04
γ 4.0	6070.82	6019.48	6016.67	5999.52
γ 5.0	6067.00	6016.21	6014.93	6000.43
γ 6.0	6063.29	6013.85	6013.76	6001.81
γ 7.0	6060.47	6011.93	6013.32	6003.37
γ 8.0	6058.40	6010.19	6012.74	6004.66
γ 9.0	6056.66	6009.07	6012.43	6006.15
γ 10.0	6055.19	6008.51	6012.28	6007.98
γ 11.0	6054.13	6008.03	6012.47	6010.13
γ 12.0	6053.23	6007.72	6013.06	6011.81
γ 13.0	6052.49	6007.20	6013.21	6012.96
γ 14.0	6050.48	6006.87	6013.09	6013.29
γ 15.0	6047.69	6005.70	6012.45	6013.16
γ 16.0	6044.75	6003.29	6010.93	6013.14
γ 17.0	6041.51	6000.15	6008.60	6012.41
γ 18.0	6037.33	5995.59	6005.23	6010.74
γ 19.0	6032.98	5990.01	6000.44	6007.93
γ 20.0	6026.87	5983.00	5993.78	6004.03
γ 21.0	6018.06	5974.06	5985.10	5998.05
γ 22.0	6006.16	5962.96	5973.62	5989.11
γ 23.0	5990.60	5948.48	5959.00	5976.97
γ 24.0	5970.50	5929.86	5939.54	5961.32
γ 25.0	5945.07	5906.01	5915.06	5941.74
γ 26.0	5913.55	5876.38	5884.34	5917.12
γ 27.0	5875.36	5839.73	5847.01	5886.53
γ 28.0	5829.89	5794.06	5801.68	5847.60
γ 29.0	5775.37	5738.91	5746.35	5799.35
γ 30.0	5709.16	5673.16	5678.38	5739.14
γ 31.0	5631.49	5593.82	5597.54	5663.98
γ 32.0	5538.30	5499.18	5499.74	5572.50
γ 33.0	5427.99	5385.60	5381.70	5459.71
γ 34.0	5300.17	5249.60	5240.95	5322.45
γ 35.0	5149.57	5087.10	5071.22	5156.49
γ 36.0	4970.53	4891.86	4864.91	4954.24
γ 37.0	4757.35	4656.54	4617.52	4703.74
γ 38.0	4495.74	4372.47	4311.25	4394.92
γ 39.0	4178.82	4028.99	3937.32	4014.73
γ 40.0	3806.46	3618.06	3488.54	3552.16
γ 41.0	3366.21	3134.95	2958.90	3003.63
γ 42.0	2847.66	2578.59	2353.75	2369.28
γ 43.0	2270.85	1979.65	1739.46	1713.59
γ 44.0	1668.29	1420.28	1184.98	1118.58
γ 45.0	1113.31	961.00	776.01	674.30
γ 46.0	694.33	642.20	526.44	427.40

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 47.0	441.85	448.48	390.98	335.93
γ 48.0	323.46	345.00	323.40	299.36
γ 49.0	276.81	296.42	291.04	277.09
γ 50.0	254.20	269.01	268.97	260.83
γ 51.0	238.34	248.74	251.31	246.69
γ 52.0	225.35	232.41	236.24	232.73
γ 53.0	213.30	217.92	221.86	220.49
γ 54.0	202.64	205.26	210.96	211.15
γ 55.0	194.42	196.21	203.00	203.75
γ 56.0	187.59	189.37	196.07	196.98
γ 57.0	181.12	183.35	189.45	189.98
γ 58.0	174.52	177.47	183.18	182.96
γ 59.0	168.47	171.45	176.98	176.47
γ 60.0	162.99	165.20	170.57	169.27
γ 61.0	157.57	158.61	163.85	161.25
γ 62.0	151.60	152.61	156.75	153.54
γ 63.0	145.26	147.25	149.17	147.63
γ 64.0	138.62	141.35	141.09	141.79
γ 65.0	132.85	135.23	133.32	135.79
γ 66.0	127.73	128.32	126.71	129.05
γ 67.0	122.32	121.76	121.16	122.11
γ 68.0	116.78	116.59	115.65	116.05
γ 69.0	111.52	111.96	110.14	111.00
γ 70.0	106.52	107.31	104.52	106.02
γ 71.0	100.95	102.62	98.52	100.21
γ 72.0	94.94	97.74	93.47	93.61
γ 73.0	89.01	92.43	88.64	87.53
γ 74.0	82.97	86.59	83.25	82.00
γ 75.0	77.88	81.10	78.29	77.64
γ 76.0	73.20	76.08	73.72	72.74
γ 77.0	69.28	71.70	69.16	67.69
γ 78.0	65.88	67.20	64.40	63.59
γ 79.0	62.51	62.96	60.41	60.13
γ 80.0	59.51	59.28	57.15	56.98
γ 81.0	56.91	56.00	53.92	53.99
γ 82.0	53.64	53.33	50.90	51.01
γ 83.0	50.71	50.33	47.99	48.28
γ 84.0	47.91	47.54	45.50	45.73
γ 85.0	45.80	44.96	43.17	43.35
γ 86.0	44.18	43.06	41.24	41.38
γ 87.0	42.01	41.46	39.84	39.98
γ 88.0	40.21	39.80	39.10	39.23
γ 89.0	39.33	38.97	38.45	38.59
γ 90.0	38.62	38.21	37.87	37.97
γ 91.0	37.98	37.65	37.39	37.50
γ 92.0	37.51	37.15	36.93	37.01
γ 93.0	37.12	36.79	36.56	36.60

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 94.0	36.76	36.48	36.32	36.30
γ 95.0	36.43	36.26	36.02	36.10
γ 96.0	36.28	35.98	35.81	35.80
γ 97.0	36.10	35.81	35.70	35.70
γ 98.0	36.05	35.79	35.66	35.60
γ 99.0	35.96	35.67	35.63	35.53
γ 100.0	35.97	35.66	35.64	35.55
γ 101.0	35.95	35.75	35.71	35.61
γ 102.0	36.00	35.75	35.78	35.64
γ 103.0	36.21	35.92	35.98	35.78
γ 104.0	36.29	36.11	36.06	35.94
γ 105.0	36.48	36.29	36.29	36.13
γ 106.0	36.65	36.52	36.58	36.36
γ 107.0	36.98	36.74	36.80	36.61
γ 108.0	37.24	37.07	37.16	36.90
γ 109.0	37.57	37.37	37.47	37.22
γ 110.0	37.99	37.72	37.80	37.55
γ 111.0	38.31	38.10	38.22	37.87
γ 112.0	38.71	38.56	38.53	38.25
γ 113.0	39.11	38.88	39.04	38.72
γ 114.0	39.53	39.40	39.46	39.15
γ 115.0	40.00	39.76	39.85	39.60
γ 116.0	40.44	40.26	40.37	40.05
γ 117.0	40.99	40.77	40.83	40.50
γ 118.0	41.48	41.27	41.35	41.01
γ 119.0	41.96	41.86	41.86	41.58
γ 120.0	42.52	42.33	42.36	42.12
γ 121.0	43.07	42.89	42.99	42.67
γ 122.0	43.62	43.53	43.53	43.19
γ 123.0	44.21	44.09	44.12	43.76
γ 124.0	44.78	44.75	44.77	44.33
γ 125.0	45.38	45.31	45.39	44.98
γ 126.0	46.01	45.92	46.00	45.60
γ 127.0	46.65	46.54	46.64	46.19
γ 128.0	47.34	47.20	47.25	46.80
γ 129.0	47.89	47.82	47.91	47.44
γ 130.0	48.52	48.53	48.53	48.10
γ 131.0	49.11	49.13	49.15	48.74
γ 132.0	49.74	49.81	49.71	49.43
γ 133.0	50.34	50.40	50.34	50.00
γ 134.0	50.90	51.05	50.93	50.61
γ 135.0	51.50	51.58	51.49	51.26
γ 136.0	52.03	52.17	51.98	51.90
γ 137.0	52.61	52.74	52.59	52.51
γ 138.0	53.15	53.29	53.11	53.22
γ 139.0	53.72	53.77	53.59	53.79
γ 140.0	54.18	54.24	54.24	54.39

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 141.0	54.71	54.80	54.79	54.94
γ 142.0	55.27	55.31	55.36	55.52
γ 143.0	55.73	55.80	55.88	56.02
γ 144.0	56.18	56.27	56.39	56.52
γ 145.0	56.58	56.71	56.99	57.02
γ 146.0	56.98	57.20	57.38	57.45
γ 147.0	57.39	57.67	57.92	57.94
γ 148.0	57.80	58.15	58.39	58.27
γ 149.0	58.20	58.56	58.80	58.69
γ 150.0	58.59	59.02	59.30	59.09
γ 151.0	59.05	59.48	59.81	59.59
γ 152.0	59.52	59.98	60.35	60.03
γ 153.0	60.21	60.54	61.01	60.63
γ 154.0	60.78	61.06	61.65	61.28
γ 155.0	61.43	61.72	62.28	61.96
γ 156.0	62.20	62.49	63.12	62.68
γ 157.0	62.96	63.25	63.82	63.34
γ 158.0	63.81	64.00	64.61	64.24
γ 159.0	64.61	64.75	65.33	64.96
γ 160.0	65.42	65.67	66.06	65.68
γ 161.0	66.30	66.38	66.88	66.38
γ 162.0	67.04	67.20	67.52	67.12
γ 163.0	67.88	67.97	68.27	67.81
γ 164.0	68.72	68.76	68.95	68.45
γ 165.0	69.56	69.49	69.65	69.19
γ 166.0	70.34	70.24	70.22	69.76
γ 167.0	71.05	70.89	70.80	70.43
γ 168.0	71.85	71.51	71.31	70.96
γ 169.0	72.44	72.11	71.81	71.55
γ 170.0	73.10	72.73	72.29	72.11
γ 171.0	73.62	73.11	72.67	72.59
γ 172.0	74.06	73.63	73.11	72.97
γ 173.0	74.48	74.04	73.39	73.33
γ 174.0	74.79	74.43	73.65	73.66
γ 175.0	75.09	74.71	73.94	73.98
γ 176.0	75.35	75.11	74.26	74.31
γ 177.0	75.66	75.36	74.45	74.66
γ 178.0	75.86	75.69	74.69	74.84
γ 179.0	76.06	75.91	74.90	75.14
γ 180.0	75.67	75.67	75.67	75.67