IES Indoor Report
Photometric Filename:HB120ME2I-CM D110.IES

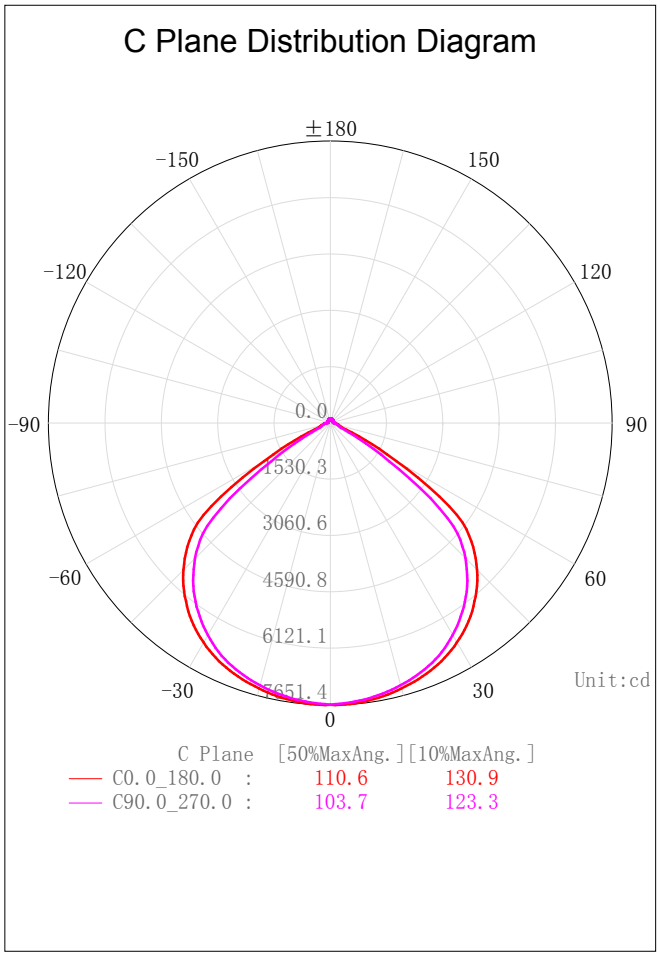
Indoor Luminaire Photometric Data

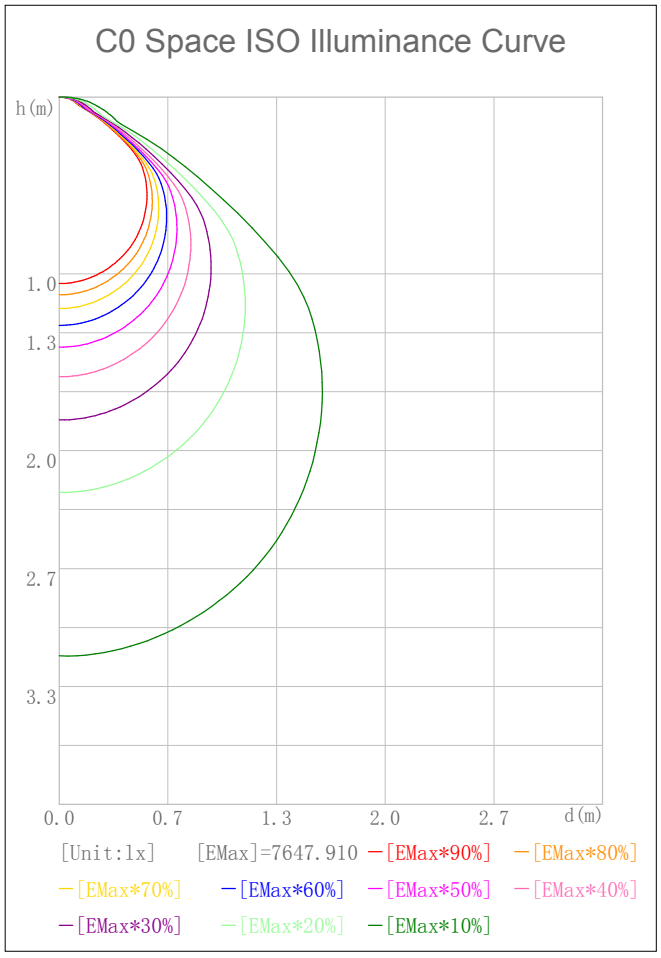
Description Information

Luminary Name: HB120ME2I-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):0.460m*0.645m*0.170m		Lum.Area(m2):0.406	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):	19500.000	Luminary Flux(lm): 19074.834	Field Angle(10%Imax): 130.9(°)
Rated Power(W):		Luminary Efficiency: 97.82%	Down Lumens&Percent: 18555.448lm 97.28%
Rated Voltage(V):		Luminary EER(lm/W): 158.035	Up Lumens&Percent: 519.387lm 2.72%
Tested Power(W):	120.700	Max.Candela(cd): 7651.406	S/MH: C0_a180=1.335 C90_270=1.288
Lamps' Inside:	1	Max Cand@Ang.(°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):221.8,0.551,0.987		Beam Angle(50%Imax): 110.6(°)	ErP Φuse(120°): 17386.886lm
Lamp Size(W*L*H):0.460m*0.645m*0.170m		Left=-55.3° ,Right=55.3°	IRF(%): 104.359



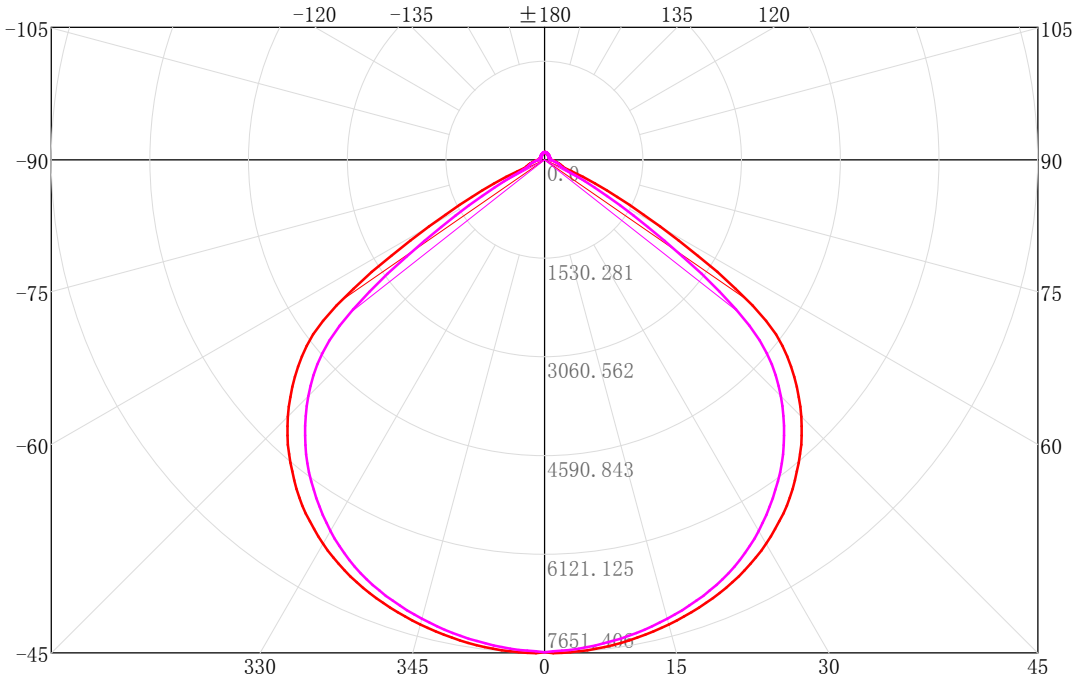


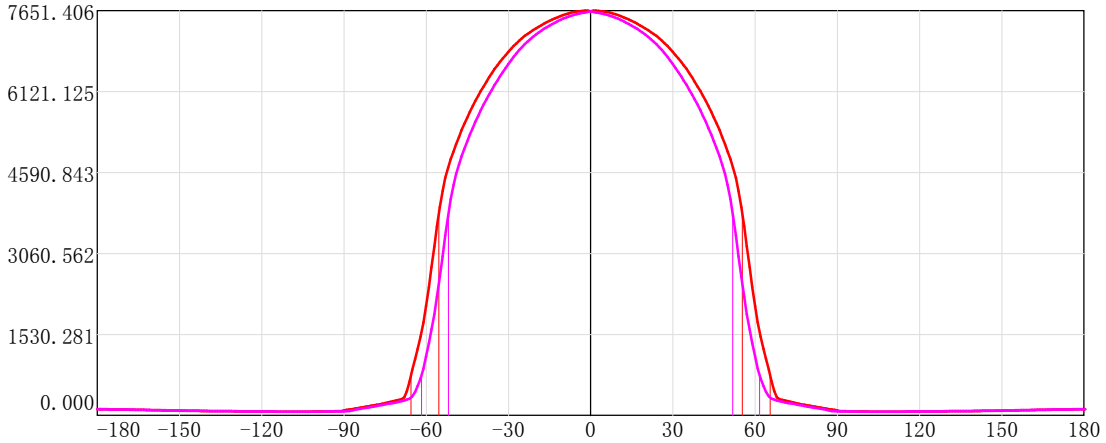
IES Indoor Report
Photometric Filename:HB120ME2I-CM D110.IES

2D Plane Light Intensity Distribution Curve

Lum.Name: HB120ME2I-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 :	110.6	130.9	
C90.0_270.0 :	103.7	123.3	

IES Indoor Report
Photometric Filename:HB120ME2I-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	7.31	7.31	0.04	0.04	47.0-48.0	412.68	13436.49	2.12	68.91
1.0-2.0	21.92	29.23	0.11	0.15	48.0-49.0	407.52	13844.01	2.09	70.99
2.0-3.0	36.50	65.73	0.19	0.34	49.0-50.0	401.01	14245.02	2.06	73.05
3.0-4.0	51.04	116.76	0.26	0.60	50.0-51.0	392.78	14637.80	2.01	75.07
4.0-5.0	65.51	182.28	0.34	0.93	51.0-52.0	382.63	15020.43	1.96	77.03
5.0-6.0	79.91	262.19	0.41	1.34	52.0-53.0	370.26	15390.69	1.90	78.93
6.0-7.0	94.22	356.41	0.48	1.83	53.0-54.0	355.24	15745.93	1.82	80.75
7.0-8.0	108.42	464.83	0.56	2.38	54.0-55.0	337.20	16083.13	1.73	82.48
8.0-9.0	122.50	587.33	0.63	3.01	55.0-56.0	315.88	16399.01	1.62	84.10
9.0-10.0	136.45	723.78	0.70	3.71	56.0-57.0	291.14	16690.15	1.49	85.59
10.0-11.0	150.25	874.04	0.77	4.48	57.0-58.0	263.29	16953.44	1.35	86.94
11.0-12.0	163.91	1037.94	0.84	5.32	58.0-59.0	232.81	17186.24	1.19	88.13
12.0-13.0	177.39	1215.33	0.91	6.23	59.0-60.0	200.64	17386.89	1.03	89.16
13.0-14.0	190.70	1406.03	0.98	7.21	60.0-61.0	168.78	17555.67	0.87	90.03
14.0-15.0	203.81	1609.84	1.05	8.26	61.0-62.0	138.92	17694.59	0.71	90.74
15.0-16.0	216.72	1826.56	1.11	9.37	62.0-63.0	111.93	17806.52	0.57	91.32
16.0-17.0	229.42	2055.98	1.18	10.54	63.0-64.0	88.71	17895.23	0.45	91.77
17.0-18.0	241.89	2297.87	1.24	11.78	64.0-65.0	69.71	17964.94	0.36	92.13
18.0-19.0	254.11	2551.98	1.30	13.09	65.0-66.0	54.24	18019.18	0.28	92.41
19.0-20.0	266.07	2818.04	1.36	14.45	66.0-67.0	42.52	18061.70	0.22	92.62
20.0-21.0	277.74	3095.79	1.42	15.88	67.0-68.0	35.58	18097.28	0.18	92.81
21.0-22.0	289.13	3384.91	1.48	17.36	68.0-69.0	32.40	18129.68	0.17	92.97
22.0-23.0	300.19	3685.11	1.54	18.90	69.0-70.0	30.83	18160.51	0.16	93.13
23.0-24.0	310.91	3996.02	1.59	20.49	70.0-71.0	29.59	18190.10	0.15	93.28
24.0-25.0	321.26	4317.28	1.65	22.14	71.0-72.0	28.43	18218.53	0.15	93.43
25.0-26.0	331.22	4648.50	1.70	23.84	72.0-73.0	27.34	18245.87	0.14	93.57
26.0-27.0	340.78	4989.28	1.75	25.59	73.0-74.0	26.31	18272.18	0.13	93.70
27.0-28.0	349.93	5339.22	1.79	27.38	74.0-75.0	25.33	18297.51	0.13	93.83
28.0-29.0	358.65	5697.87	1.84	29.22	75.0-76.0	24.35	18321.86	0.12	93.96
29.0-30.0	366.88	6064.75	1.88	31.10	76.0-77.0	23.35	18345.21	0.12	94.08
30.0-31.0	374.64	6439.39	1.92	33.02	77.0-78.0	22.32	18367.53	0.11	94.19
31.0-32.0	381.91	6821.30	1.96	34.98	78.0-79.0	21.31	18388.84	0.11	94.30
32.0-33.0	388.66	7209.96	1.99	36.97	79.0-80.0	20.35	18409.19	0.10	94.41
33.0-34.0	394.91	7604.88	2.03	39.00	80.0-81.0	19.37	18428.57	0.10	94.51
34.0-35.0	400.64	8005.52	2.05	41.05	81.0-82.0	18.37	18446.94	0.09	94.60
35.0-36.0	405.79	8411.31	2.08	43.13	82.0-83.0	17.34	18464.28	0.09	94.69
36.0-37.0	410.35	8821.66	2.10	45.24	83.0-84.0	16.29	18480.57	0.08	94.77
37.0-38.0	414.28	9235.93	2.12	47.36	84.0-85.0	15.27	18495.84	0.08	94.85
38.0-39.0	417.54	9653.48	2.14	49.51	85.0-86.0	14.15	18509.99	0.07	94.92
39.0-40.0	420.14	10073.62	2.15	51.66	86.0-87.0	12.90	18522.89	0.07	94.99
40.0-41.0	422.05	10495.67	2.16	53.82	87.0-88.0	11.72	18534.60	0.06	95.05
41.0-42.0	423.19	10918.86	2.17	55.99	88.0-89.0	10.81	18545.41	0.06	95.10
42.0-43.0	423.55	11342.41	2.17	58.17	89.0-90.0	10.04	18555.45	0.05	95.16
43.0-44.0	423.12	11765.53	2.17	60.34	90.0-91.0	9.39	18564.84	0.05	95.20
44.0-45.0	421.84	12187.37	2.16	62.50	91.0-92.0	9.04	18573.89	0.05	95.25
45.0-46.0	419.73	12607.10	2.15	64.65	92.0-93.0	8.88	18582.76	0.05	95.30
46.0-47.0	416.71	13023.81	2.14	66.79	93.0-94.0	8.75	18591.51	0.04	95.34

IES Indoor Report
Photometric Filename:HB120ME2I-CM D110.IES

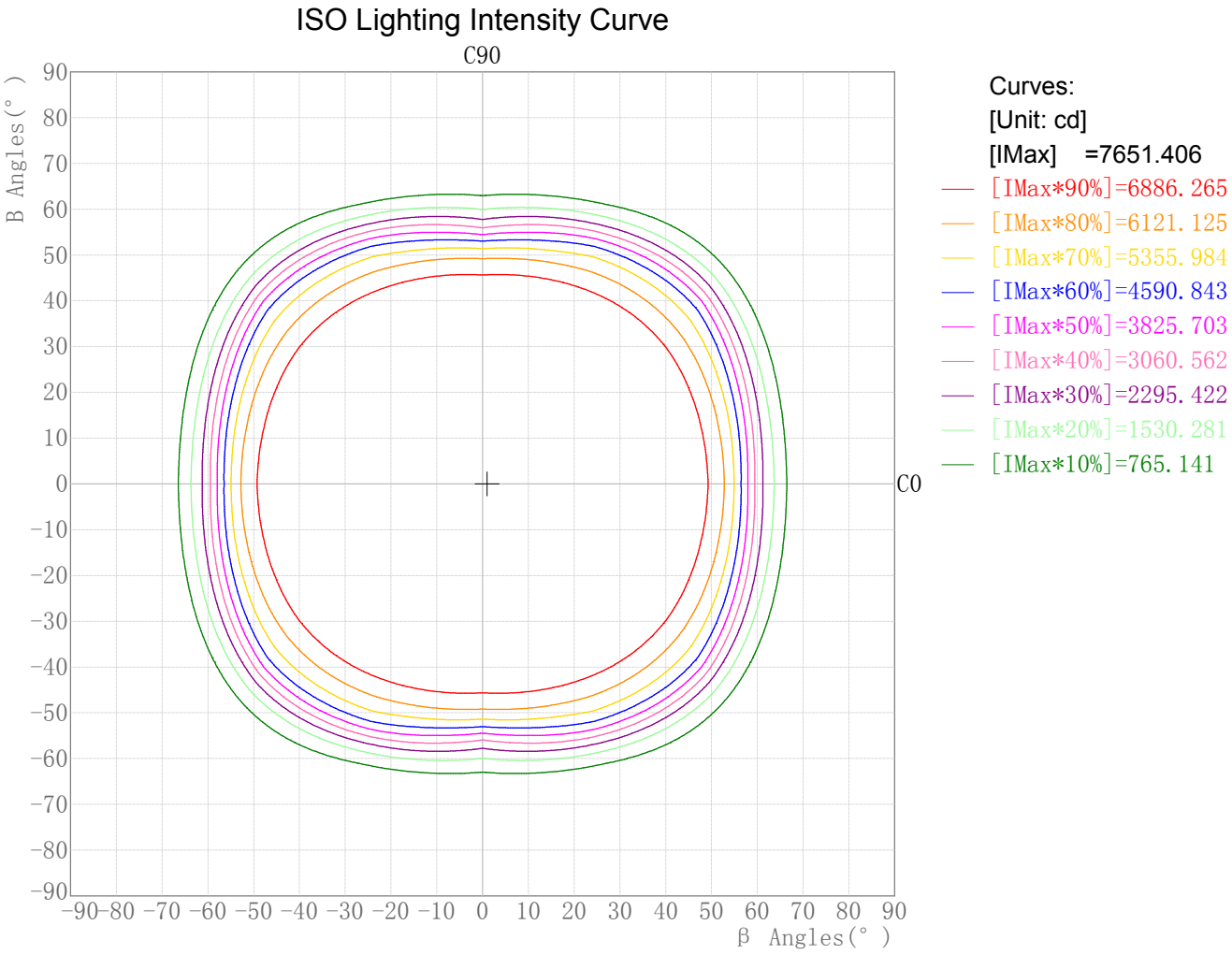
Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	8.64	18600.15	0.04	95.39
95.0-96.0	8.54	18608.69	0.04	95.43
96.0-97.0	8.44	18617.13	0.04	95.47
97.0-98.0	8.35	18625.48	0.04	95.52
98.0-99.0	8.27	18633.75	0.04	95.56
99.0-100.0	8.19	18641.95	0.04	95.60
100.0-101.0	8.12	18650.07	0.04	95.64
101.0-102.0	8.05	18658.12	0.04	95.68
102.0-103.0	7.99	18666.12	0.04	95.72
103.0-104.0	7.94	18674.05	0.04	95.76
104.0-105.0	7.88	18681.94	0.04	95.80
105.0-106.0	7.83	18689.77	0.04	95.84
106.0-107.0	7.78	18697.56	0.04	95.88
107.0-108.0	7.74	18705.30	0.04	95.92
108.0-109.0	7.70	18712.99	0.04	95.96
109.0-110.0	7.66	18720.66	0.04	96.00
110.0-111.0	7.62	18728.28	0.04	96.04
111.0-112.0	7.59	18735.87	0.04	96.08
112.0-113.0	7.56	18743.42	0.04	96.12
113.0-114.0	7.53	18750.95	0.04	96.16
114.0-115.0	7.49	18758.45	0.04	96.20
115.0-116.0	7.46	18765.91	0.04	96.24
116.0-117.0	7.43	18773.34	0.04	96.27
117.0-118.0	7.40	18780.74	0.04	96.31
118.0-119.0	7.36	18788.10	0.04	96.35
119.0-120.0	7.33	18795.42	0.04	96.39
120.0-121.0	7.29	18802.71	0.04	96.42
121.0-122.0	7.25	18809.96	0.04	96.46
122.0-123.0	7.20	18817.16	0.04	96.50
123.0-124.0	7.16	18824.33	0.04	96.54
124.0-125.0	7.12	18831.45	0.04	96.57
125.0-126.0	7.08	18838.53	0.04	96.61
126.0-127.0	7.03	18845.55	0.04	96.64
127.0-128.0	6.98	18852.53	0.04	96.68
128.0-129.0	6.93	18859.46	0.04	96.72
129.0-130.0	6.87	18866.33	0.04	96.75
130.0-131.0	6.81	18873.14	0.03	96.79
131.0-132.0	6.75	18879.90	0.03	96.82
132.0-133.0	6.68	18886.58	0.03	96.85
133.0-134.0	6.61	18893.19	0.03	96.89
134.0-135.0	6.54	18899.73	0.03	96.92
135.0-136.0	6.46	18906.19	0.03	96.95
136.0-137.0	6.38	18912.57	0.03	96.99
137.0-138.0	6.30	18918.87	0.03	97.02
138.0-139.0	6.22	18925.09	0.03	97.05
139.0-140.0	6.13	18931.22	0.03	97.08
140.0-141.0	6.04	18937.26	0.03	97.11
141.0-142.0	5.95	18943.22	0.03	97.14
142.0-143.0	5.86	18949.08	0.03	97.17
143.0-144.0	5.77	18954.86	0.03	97.20
144.0-145.0	5.68	18960.54	0.03	97.23
145.0-146.0	5.59	18966.13	0.03	97.26
146.0-147.0	5.50	18971.63	0.03	97.29
147.0-148.0	5.40	18977.03	0.03	97.32
148.0-149.0	5.30	18982.34	0.03	97.35
149.0-150.0	5.20	18987.54	0.03	97.37
150.0-151.0	5.09	18992.63	0.03	97.40
151.0-152.0	4.98	18997.61	0.03	97.42
152.0-153.0	4.87	19002.48	0.02	97.45
153.0-154.0	4.75	19007.24	0.02	97.47
154.0-155.0	4.63	19011.87	0.02	97.50
155.0-156.0	4.51	19016.38	0.02	97.52
156.0-157.0	4.38	19020.76	0.02	97.54
157.0-158.0	4.25	19025.00	0.02	97.56
158.0-159.0	4.11	19029.11	0.02	97.59
159.0-160.0	3.97	19033.08	0.02	97.61
160.0-161.0	3.82	19036.90	0.02	97.63
161.0-162.0	3.66	19040.56	0.02	97.64
162.0-163.0	3.51	19044.07	0.02	97.66
163.0-164.0	3.35	19047.42	0.02	97.68
164.0-165.0	3.18	19050.59	0.02	97.70
165.0-166.0	3.01	19053.60	0.02	97.71
166.0-167.0	2.83	19056.43	0.01	97.73
167.0-168.0	2.64	19059.07	0.01	97.74
168.0-169.0	2.45	19061.52	0.01	97.75
169.0-170.0	2.26	19063.79	0.01	97.76
170.0-171.0	2.06	19065.85	0.01	97.77
171.0-172.0	1.86	19067.71	0.01	97.78
172.0-173.0	1.65	19069.36	0.01	97.79
173.0-174.0	1.44	19070.80	0.01	97.80
174.0-175.0	1.23	19072.03	0.01	97.81
175.0-176.0	1.01	19073.03	0.01	97.81
176.0-177.0	0.79	19073.82	0.00	97.81
177.0-178.0	0.56	19074.38	0.00	97.82
178.0-179.0	0.34	19074.72	0.00	97.82
179.0-180.0	0.11	19074.84	0.00	97.82

IES Indoor Report
Photometric Filename:HB120ME2I-CM D110.IES

Rectangle ISO Lighting Intensity Diagram

Lum.Name: HB120ME2I-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



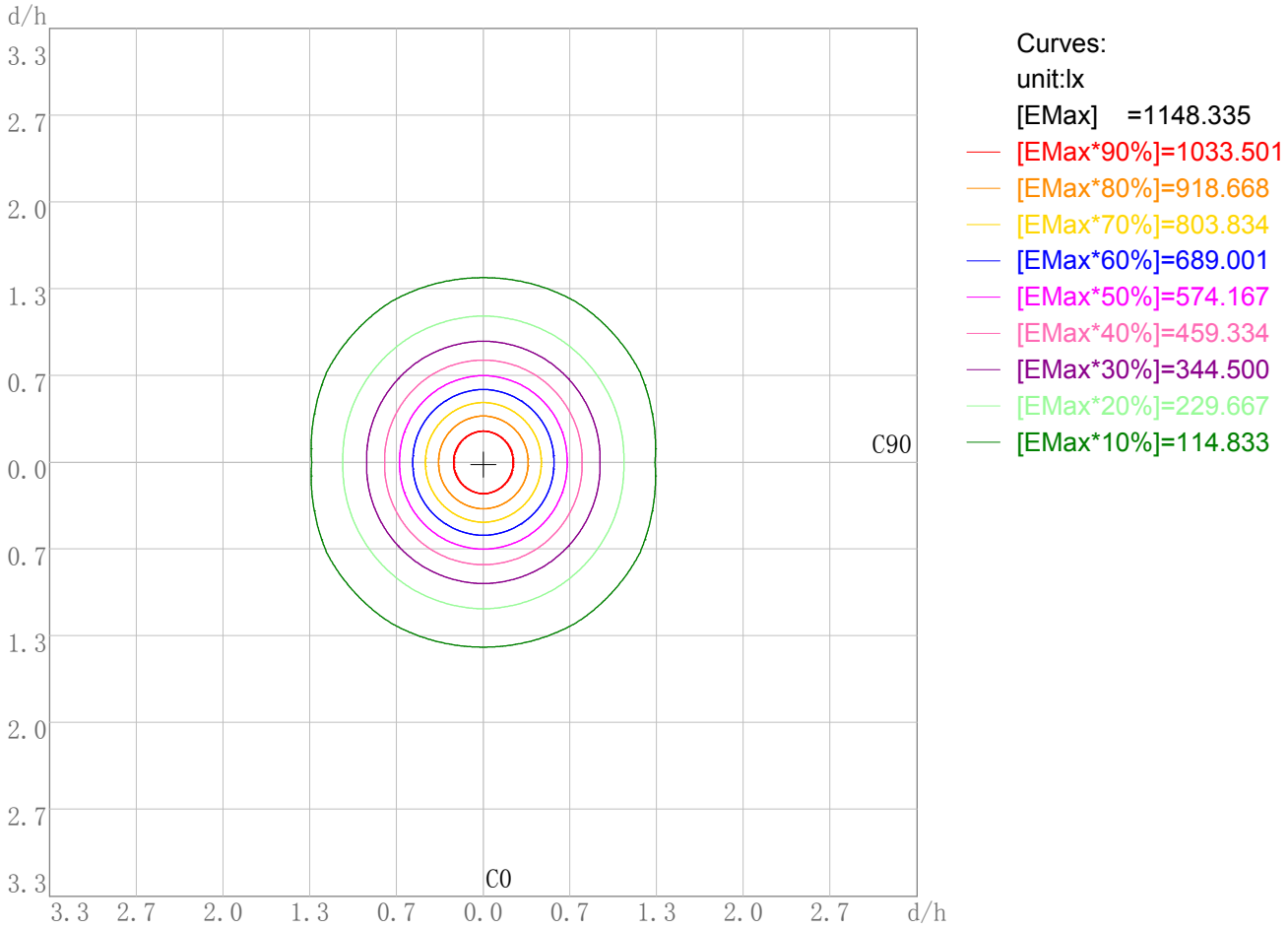
Maximum Light Intensity(cd): 7651.41
Maximum Cand.@Angle: H=1.0°,V=0.0°

IES Indoor Report
Photometric Filename:HB120ME2I-CM D110.IES

Plane ISO-Illuminance Diagram

Lum.Name: HB120ME2I-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



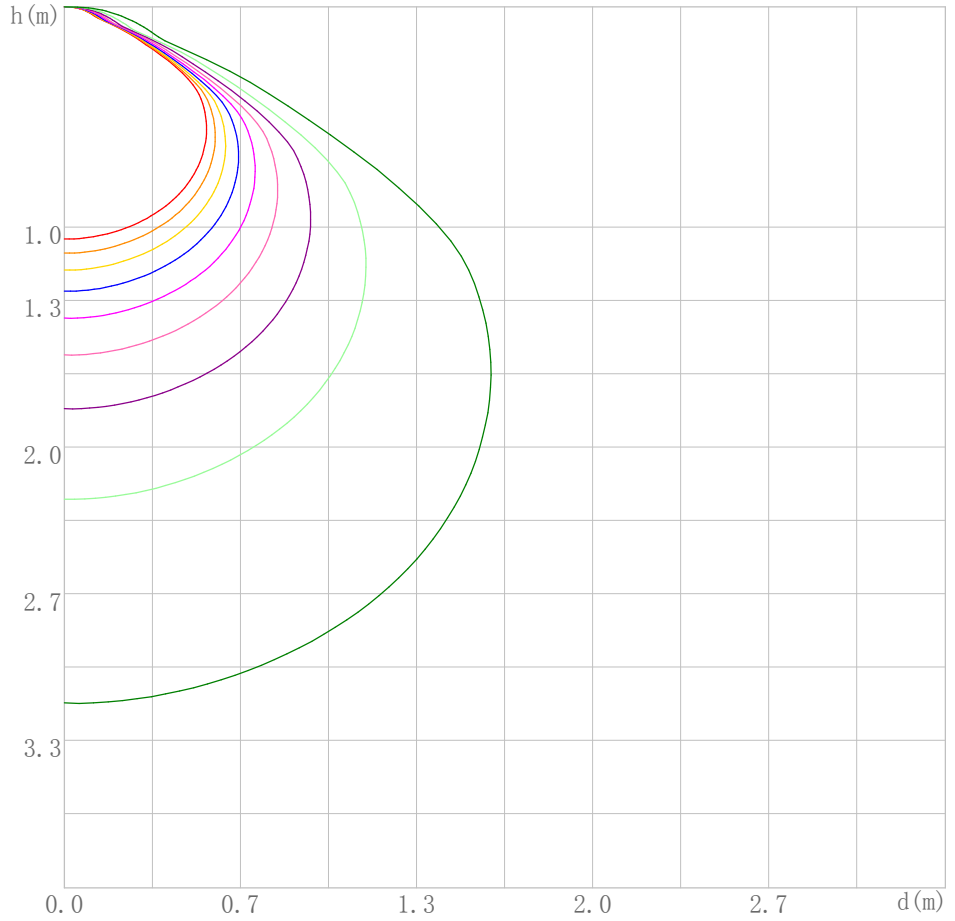
Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 1148.33
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

IES Indoor Report
Photometric Filename:HB120ME2I-CM D110.IES

Space ISO Illuminance Diagram

Lum.Name: HB120ME2I-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



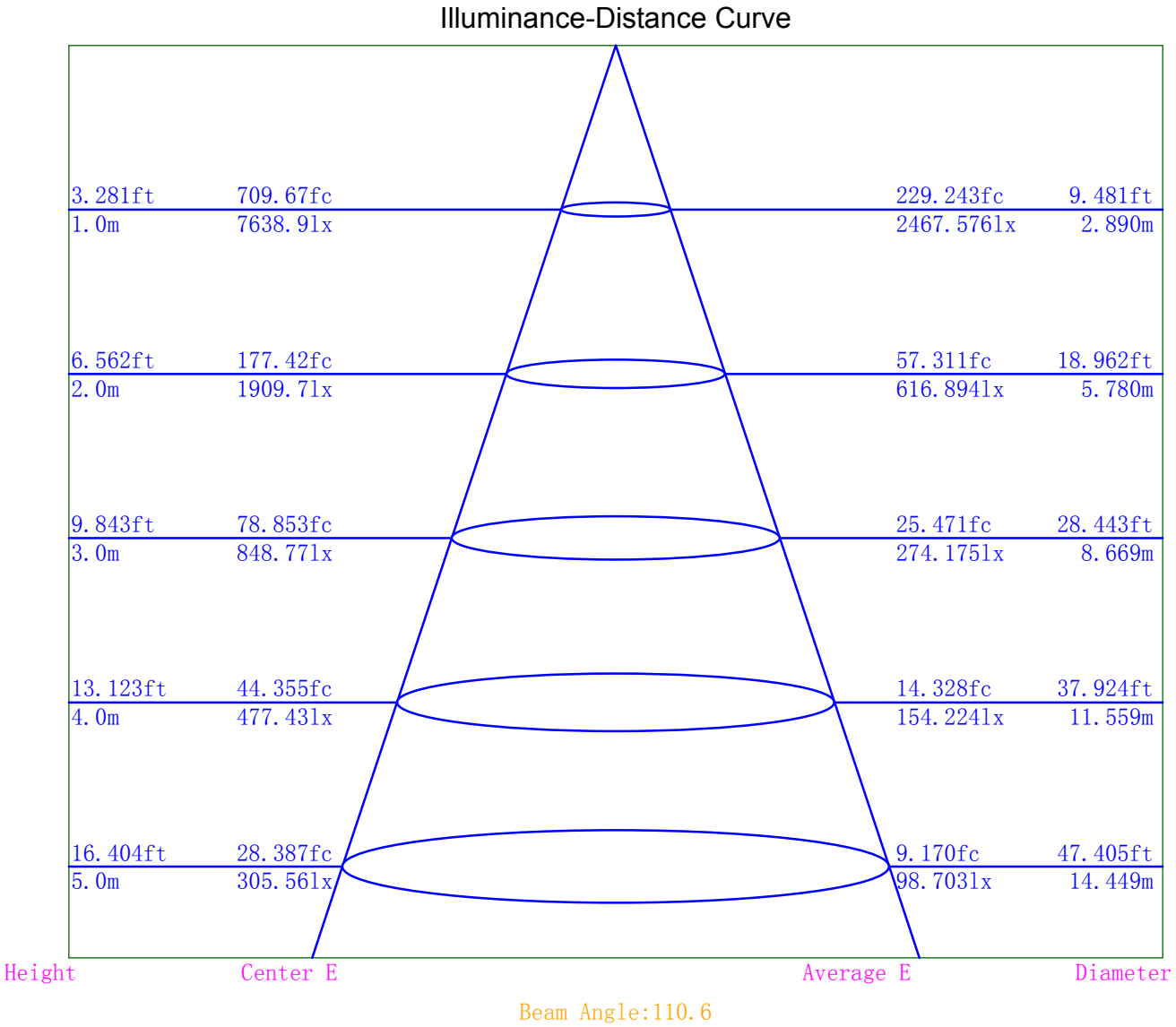
Curves:
[Unit: lx]
[EMax] =7647.910
[EMax*90%]=6883.119
[EMax*80%]=6118.328
[EMax*70%]=5353.537
[EMax*60%]=4588.746
[EMax*50%]=3823.955
[EMax*40%]=3059.164
[EMax*30%]=2294.373
[EMax*20%]=1529.582
[EMax*10%]=764.791

Space Plane Maximum Illuminance and @Angle:7647.91lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:7651.406cd,0eg

IES Indoor Report
Photometric Filename:HB120ME2I-CM D110.IES

Illuminance-Distance Diagram

Lum.Name: HB120ME2I-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



IES Indoor Report
Photometric Filename:HB120ME2I-CM D110.IES

Indoor Luminance Limiting Curves

Lum.Name: HB120ME2I-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

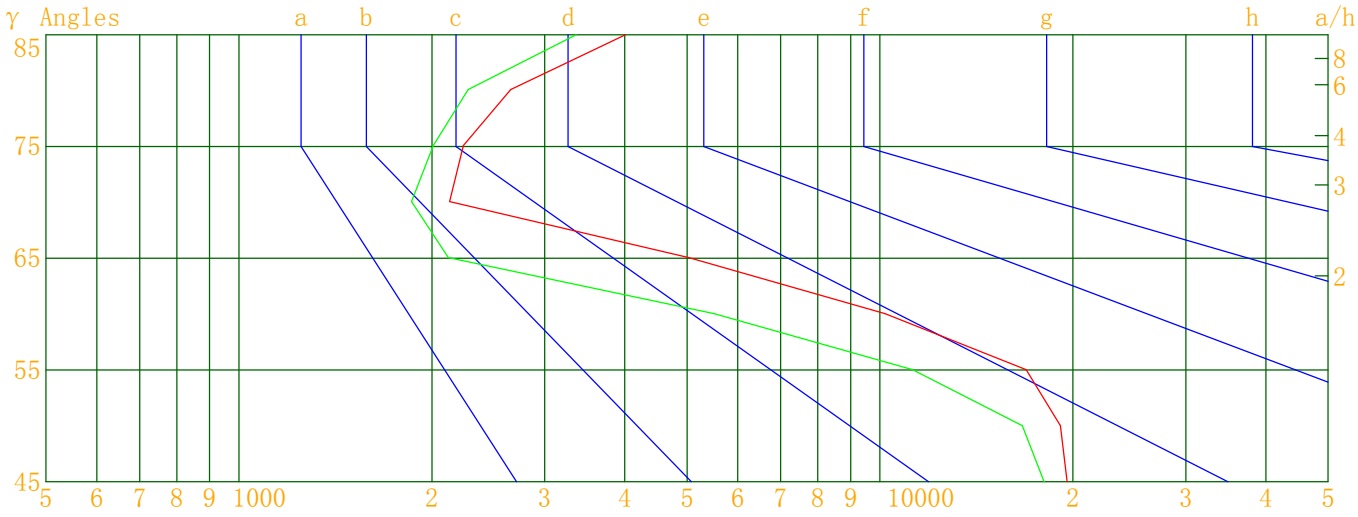
Glare Grade Table

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	19589	19110	16900	10182	5034	2131	2240	2656	4005
C90	18031	16665	11235	5511	2123	1860	2011	2279	3358

Luminance Limiting Curve



Luminous Size: Length(m)=0.645 Width(m)=0.460 Height(m)=0.170 Area(m^2)=0.406350

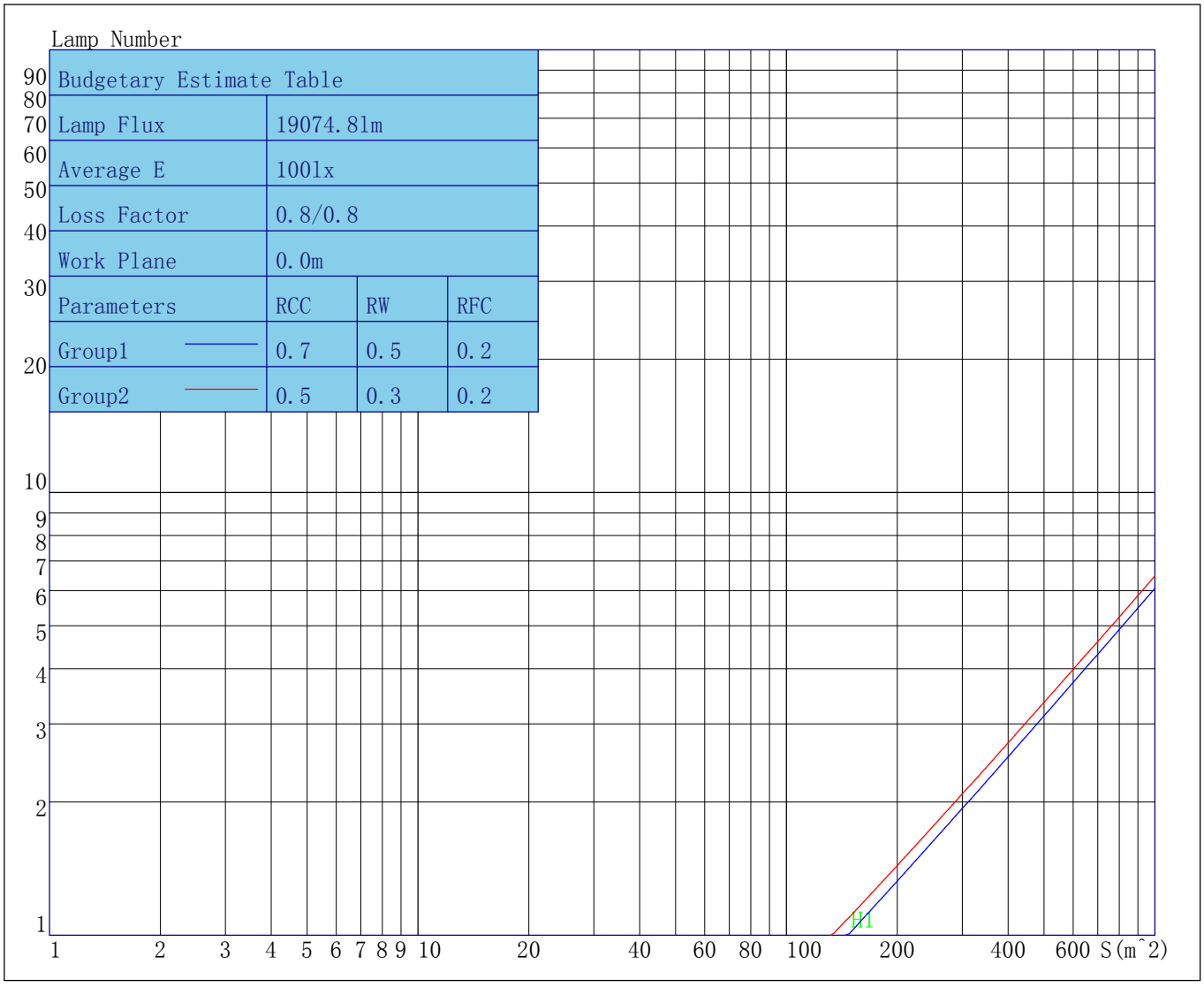
Luminous Type: Without Luminous Side

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

IES Indoor Report
Photometric Filename:HB120ME2I-CM D110.IES

Indoor Budgetary Estimate Table

Lum.Name: HB120ME2I-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:HB120ME2I-CM D110.IES

Indoor Coefficient of Utilization Table

Lum.Name: HB120ME2I-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	116	116	116	116	113	113	113	113	107	107	107	102	102	102	97	97	97	95
1	108	104	101	98	105	102	98	96	97	95	92	93	91	89	89	87	86	84
2	100	93	87	82	97	91	86	81	87	83	79	83	80	77	80	77	75	73
3	92	83	76	70	89	81	75	70	78	73	68	75	70	67	72	68	65	63
4	85	74	67	61	82	73	66	60	70	64	59	68	62	58	65	61	57	55
5	78	67	59	53	76	66	58	53	63	57	52	61	55	51	59	54	50	48
6	72	60	52	47	70	59	52	46	57	51	46	56	50	45	54	49	45	43
7	67	55	47	41	65	54	46	41	52	46	41	51	45	40	49	44	40	38
8	62	50	42	37	61	49	42	37	48	41	36	46	40	36	45	40	36	34
9	58	46	38	33	57	45	38	33	44	37	33	43	37	32	42	36	32	30
10	55	42	35	30	53	42	35	30	41	34	30	40	34	30	39	33	29	28

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Unified Glare Rating Table

Lum.Name: HB120ME2I-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	22.0	23.4	22.4	23.8	24.2	20.9	22.3	21.3	22.7	23.1
	Y=3H	22.0	23.2	22.4	23.6	24.1	20.9	22.1	21.3	22.5	22.9
	Y=4H	22.0	23.1	22.4	23.5	24.0	20.9	22.0	21.3	22.4	22.9
	Y=6H	22.0	23.0	22.4	23.4	23.9	20.8	21.9	21.3	22.3	22.8
	Y=8H	22.0	23.0	22.4	23.4	23.9	20.8	21.8	21.3	22.3	22.7
	Y=12H	22.0	22.9	22.4	23.4	23.8	20.8	21.8	21.3	22.2	22.7
X=4H	Y=2H	22.1	23.3	22.6	23.7	24.1	21.2	22.3	21.6	22.7	23.2
	Y=3H	22.1	23.1	22.6	23.5	24.0	21.1	22.1	21.6	22.5	23.0
	Y=4H	22.1	22.9	22.6	23.4	23.9	21.1	22.0	21.6	22.4	22.9
	Y=6H	22.1	22.8	22.7	23.3	23.9	21.2	21.9	21.7	22.4	22.9
	Y=8H	22.2	22.8	22.7	23.3	23.8	21.2	21.8	21.7	22.3	22.9
	Y=12H	22.2	22.8	22.7	23.3	23.8	21.2	21.8	21.7	22.3	22.8
X=8H	Y=4H	22.0	22.7	22.6	23.2	23.7	21.1	21.7	21.6	22.2	22.8
	Y=6H	22.1	22.6	22.6	23.2	23.8	21.1	21.7	21.7	22.2	22.8
	Y=8H	22.1	22.6	22.7	23.2	23.7	21.2	21.6	21.7	22.2	22.8
	Y=12H	22.2	22.6	22.8	23.2	23.8	21.2	21.7	21.8	22.2	22.8
X=12H	Y=4H	22.0	22.6	22.5	23.1	23.7	21.0	21.6	21.6	22.1	22.7
	Y=6H	22.1	22.5	22.6	23.1	23.7	21.1	21.6	21.7	22.1	22.7
	Y=8H	22.1	22.5	22.7	23.1	23.7	21.2	21.6	21.7	22.1	22.8
Variations with the objerver position at spacings											
S=1.0H		0.2/-0.2					0.2/-0.2				
S=1.5H		0.3/-0.4					0.4/-0.4				
S=2.0H		2.3/-0.7					0.6/-0.5				
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	7638.92	7638.92	7638.92	7638.92
γ 1.0	7651.41	7637.96	7635.52	7624.52
γ 2.0	7650.47	7635.29	7630.71	7618.06
γ 3.0	7647.17	7630.44	7623.54	7609.75
γ 4.0	7641.94	7623.20	7614.49	7599.19
γ 5.0	7634.54	7613.96	7603.02	7587.13
γ 6.0	7624.90	7602.68	7589.99	7572.53
γ 7.0	7613.01	7589.56	7574.44	7556.19
γ 8.0	7599.10	7574.34	7556.70	7538.24
γ 9.0	7583.40	7557.49	7537.39	7518.72
γ 10.0	7566.12	7539.15	7516.55	7497.47
γ 11.0	7547.39	7519.15	7494.67	7474.46
γ 12.0	7526.98	7497.37	7471.40	7450.04
γ 13.0	7505.25	7474.09	7446.76	7424.20
γ 14.0	7481.91	7449.35	7420.64	7396.68
γ 15.0	7457.06	7423.36	7392.52	7367.55
γ 16.0	7430.90	7395.89	7363.51	7336.41
γ 17.0	7403.33	7367.17	7332.87	7303.84
γ 18.0	7374.77	7336.61	7299.74	7269.45
γ 19.0	7344.99	7304.34	7264.87	7233.36
γ 20.0	7313.85	7270.16	7227.74	7195.02
γ 21.0	7281.18	7233.77	7188.91	7154.56
γ 22.0	7247.22	7195.32	7148.04	7111.73
γ 23.0	7210.52	7154.17	7105.37	7065.32
γ 24.0	7170.90	7111.07	7059.41	7015.71
γ 25.0	7129.13	7065.36	7011.37	6962.79
γ 26.0	7083.49	7017.43	6960.57	6906.12
γ 27.0	7034.68	6968.25	6906.78	6845.62
γ 28.0	6983.65	6916.62	6850.57	6781.52
γ 29.0	6929.51	6862.58	6790.85	6713.74
γ 30.0	6871.82	6806.13	6726.88	6642.62
γ 31.0	6812.49	6747.12	6659.92	6568.04
γ 32.0	6750.23	6685.51	6588.41	6491.07
γ 33.0	6686.18	6621.32	6513.50	6411.30
γ 34.0	6619.95	6554.23	6435.80	6329.44
γ 35.0	6549.29	6484.34	6355.05	6245.40
γ 36.0	6473.32	6410.28	6270.76	6159.00
γ 37.0	6392.65	6332.94	6184.53	6068.79
γ 38.0	6307.03	6250.68	6094.55	5974.74
γ 39.0	6219.09	6163.37	6001.31	5876.74
γ 40.0	6131.77	6069.94	5905.16	5772.66
γ 41.0	6042.83	5971.48	5804.27	5664.04
γ 42.0	5947.87	5868.00	5697.25	5550.55
γ 43.0	5847.21	5760.10	5588.02	5432.16
γ 44.0	5740.61	5647.96	5471.38	5308.66
γ 45.0	5628.67	5531.86	5349.09	5180.82
γ 46.0	5513.50	5410.80	5222.00	5044.68

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 47.0	5392.36	5284.69	5089.03	4900.37
γ 48.0	5264.58	5152.47	4948.32	4744.60
γ 49.0	5131.98	5013.78	4802.17	4567.89
γ 50.0	4991.56	4868.02	4647.76	4352.96
γ 51.0	4842.76	4715.12	4482.94	4087.62
γ 52.0	4683.51	4554.62	4307.32	3767.04
γ 53.0	4492.63	4385.37	4115.22	3402.53
γ 54.0	4246.23	4205.19	3896.98	3010.97
γ 55.0	3939.02	4011.76	3641.04	2618.68
γ 56.0	3577.57	3796.65	3331.69	2245.16
γ 57.0	3195.07	3539.14	2969.04	1914.03
γ 58.0	2807.38	3222.34	2577.41	1629.04
γ 59.0	2425.13	2847.00	2177.92	1367.58
γ 60.0	2068.64	2437.80	1787.85	1119.61
γ 61.0	1761.87	2026.29	1437.45	892.15
γ 62.0	1496.47	1631.12	1128.67	700.39
γ 63.0	1266.68	1282.07	850.07	560.65
γ 64.0	1070.86	989.88	628.62	447.94
γ 65.0	864.51	750.22	483.37	364.54
γ 66.0	652.52	538.31	388.37	320.19
γ 67.0	457.59	403.78	341.20	300.44
γ 68.0	343.97	347.23	321.16	285.23
γ 69.0	310.95	325.37	305.67	271.07
γ 70.0	296.22	309.82	291.59	258.48
γ 71.0	283.48	295.11	278.17	247.95
γ 72.0	270.32	281.57	265.54	238.54
γ 73.0	257.79	269.86	253.20	229.71
γ 74.0	246.57	259.23	241.59	220.90
γ 75.0	235.60	248.89	231.23	211.49
γ 76.0	224.25	238.37	221.40	201.30
γ 77.0	212.49	227.42	211.97	191.22
γ 78.0	203.04	216.07	202.36	179.66
γ 79.0	195.27	204.76	192.65	170.08
γ 80.0	187.42	194.88	183.11	160.81
γ 81.0	177.76	185.38	172.88	151.13
γ 82.0	166.67	175.54	162.83	143.89
γ 83.0	157.43	164.26	151.82	136.86
γ 84.0	150.16	153.63	140.90	128.86
γ 85.0	141.85	144.69	130.04	118.93
γ 86.0	131.13	133.84	118.81	106.73
γ 87.0	119.41	121.33	106.94	95.10
γ 88.0	113.18	110.92	95.65	85.92
γ 89.0	107.20	102.97	87.37	82.77
γ 90.0	94.46	92.42	83.58	81.30
γ 91.0	85.53	85.40	81.79	80.25
γ 92.0	83.20	82.95	80.73	79.35
γ 93.0	81.72	81.35	79.80	78.49

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 94.0	80.43	80.31	78.89	77.77
γ 95.0	79.54	79.36	78.07	77.17
γ 96.0	78.73	78.52	77.37	76.46
γ 97.0	77.97	77.72	76.74	75.96
γ 98.0	77.27	77.03	76.17	75.52
γ 99.0	76.65	76.44	75.67	75.10
γ 100.0	76.10	75.93	75.26	74.74
γ 101.0	75.69	75.38	74.88	74.51
γ 102.0	75.27	74.95	74.55	74.27
γ 103.0	74.97	74.77	74.33	74.10
γ 104.0	74.75	74.43	74.17	74.07
γ 105.0	74.51	74.21	74.11	73.95
γ 106.0	74.36	74.10	73.97	73.93
γ 107.0	74.25	73.96	73.92	73.98
γ 108.0	74.23	73.92	73.94	74.06
γ 109.0	74.27	73.89	74.04	74.27
γ 110.0	74.32	73.98	74.18	74.44
γ 111.0	74.41	74.03	74.29	74.65
γ 112.0	74.53	74.17	74.42	74.88
γ 113.0	74.79	74.43	74.82	75.12
γ 114.0	75.02	74.65	75.00	75.47
γ 115.0	75.31	74.92	75.25	75.81
γ 116.0	75.61	75.15	75.52	76.27
γ 117.0	75.99	75.56	75.86	76.45
γ 118.0	76.26	75.92	76.15	76.92
γ 119.0	76.70	76.22	76.51	77.34
γ 120.0	77.03	76.63	76.82	77.72
γ 121.0	77.43	76.93	77.15	78.24
γ 122.0	77.88	77.44	77.46	78.57
γ 123.0	78.24	77.72	77.87	79.14
γ 124.0	78.71	78.20	78.39	79.59
γ 125.0	79.21	78.64	78.83	80.08
γ 126.0	79.62	79.06	79.28	80.57
γ 127.0	80.06	79.56	79.79	81.05
γ 128.0	80.65	80.05	80.33	81.57
γ 129.0	81.08	80.42	80.78	82.04
γ 130.0	81.62	80.91	81.42	82.50
γ 131.0	82.04	81.40	81.97	83.05
γ 132.0	82.60	81.85	82.42	83.51
γ 133.0	83.06	82.19	82.93	83.96
γ 134.0	83.48	82.68	83.48	84.43
γ 135.0	83.93	83.12	83.98	84.96
γ 136.0	84.43	83.55	84.40	85.49
γ 137.0	84.74	83.97	84.91	86.05
γ 138.0	85.23	84.45	85.50	86.54
γ 139.0	85.69	85.02	86.06	87.11
γ 140.0	86.17	85.49	86.64	87.72

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0
γ 141.0	86.71	86.04	87.11	88.34
γ 142.0	87.22	86.67	87.83	89.02
γ 143.0	87.84	87.31	88.40	89.73
γ 144.0	88.47	88.00	89.10	90.51
γ 145.0	89.24	88.82	89.81	91.26
γ 146.0	90.03	89.54	90.63	92.13
γ 147.0	90.87	90.41	91.52	92.95
γ 148.0	91.62	91.24	92.39	93.83
γ 149.0	92.55	92.14	93.23	94.72
γ 150.0	93.49	92.93	94.10	95.65
γ 151.0	94.41	93.90	95.01	96.48
γ 152.0	95.25	94.81	95.94	97.48
γ 153.0	96.22	95.77	96.93	98.49
γ 154.0	97.17	96.64	97.89	99.45
γ 155.0	98.21	97.65	98.87	100.44
γ 156.0	99.22	98.64	99.89	101.48
γ 157.0	100.26	99.71	100.99	102.51
γ 158.0	101.29	100.68	102.07	103.51
γ 159.0	102.41	101.68	103.08	104.64
γ 160.0	103.54	102.84	104.07	105.57
γ 161.0	104.58	103.78	105.12	106.63
γ 162.0	105.52	104.81	106.09	107.61
γ 163.0	106.58	105.90	107.22	108.66
γ 164.0	107.61	106.90	108.21	109.64
γ 165.0	108.65	107.99	109.20	110.61
γ 166.0	109.71	109.06	110.23	111.57
γ 167.0	110.80	109.98	111.13	112.47
γ 168.0	111.81	110.90	112.01	113.25
γ 169.0	112.86	111.83	112.79	113.97
γ 170.0	113.74	112.75	113.76	114.77
γ 171.0	114.67	113.67	114.38	115.41
γ 172.0	115.34	114.53	115.00	116.07
γ 173.0	116.09	115.22	115.68	116.59
γ 174.0	116.78	115.89	116.15	117.05
γ 175.0	117.34	116.61	116.55	117.49
γ 176.0	117.99	117.07	116.91	117.84
γ 177.0	118.43	117.53	117.21	118.09
γ 178.0	118.88	117.83	117.49	118.42
γ 179.0	119.38	118.27	117.73	118.53
γ 180.0	118.67	118.67	118.67	118.67