

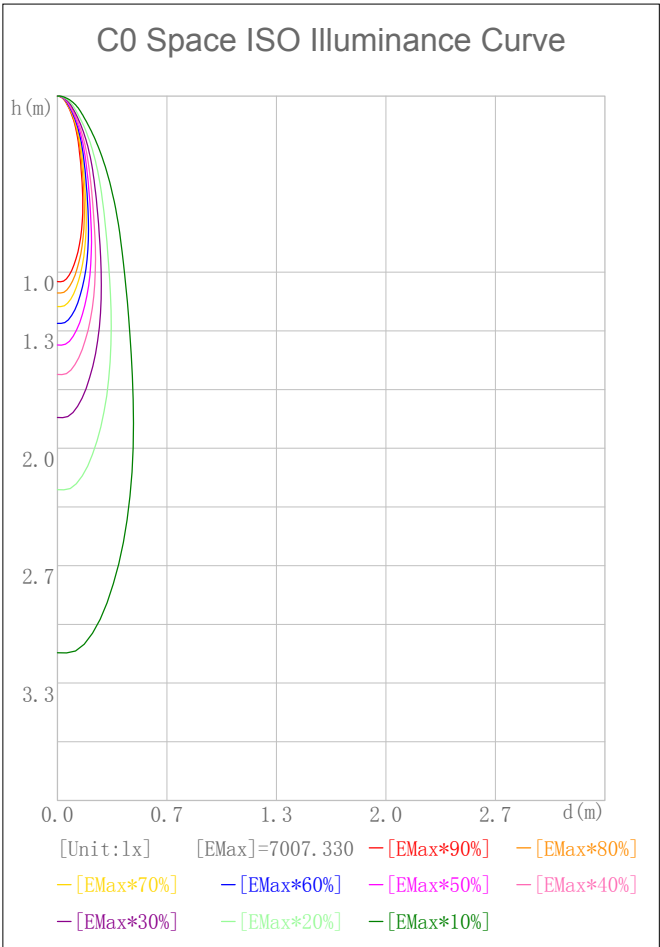
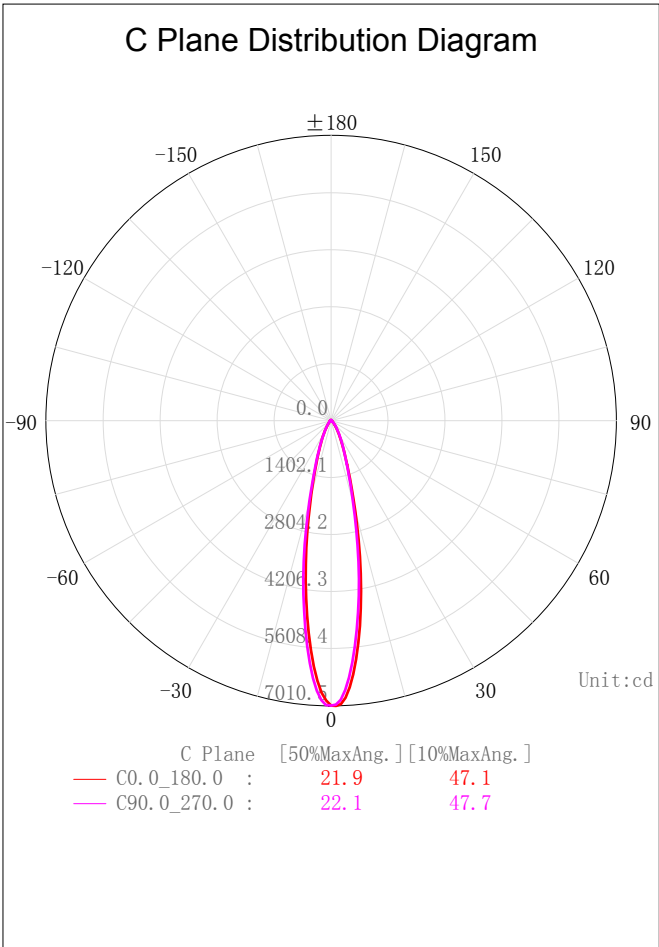
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-18-XX-01 4000K RA90 15D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/19
Manufacture: Shenzhen Norming Lighting Co., Ltd		Shld.Ang(°):	Test Machine:GON-2000
Test Lab: QUality peatment		Frequency (Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H):0.550m*0.550m*0.840m		Lum. Area (m2):0.765	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1715.020	Luminary Flux(lm): 1715.021	Field Angle(10%Imax): 47.1(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1672.332lm 97.51%	
Rated Voltage(V):	Luminary EER(lm/W): 102.512	Up Lumens&Percent: 42.689lm 2.49%	
Tested Power(W): 16.730	Max. Candela(cd): 7010.532	S/MH: C0_a180=0.372 C90_270=0.375	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.1, 0.072, 0.967	Beam Angle(50%Imax): 21.9(°)	ErP Φ use(90°): 1547.201lm	
Lamp Size (W*L*H):0.550m*0.550m*0.840m	Left=-10.2°, Right=11.8°	IRF(%): 879.033	



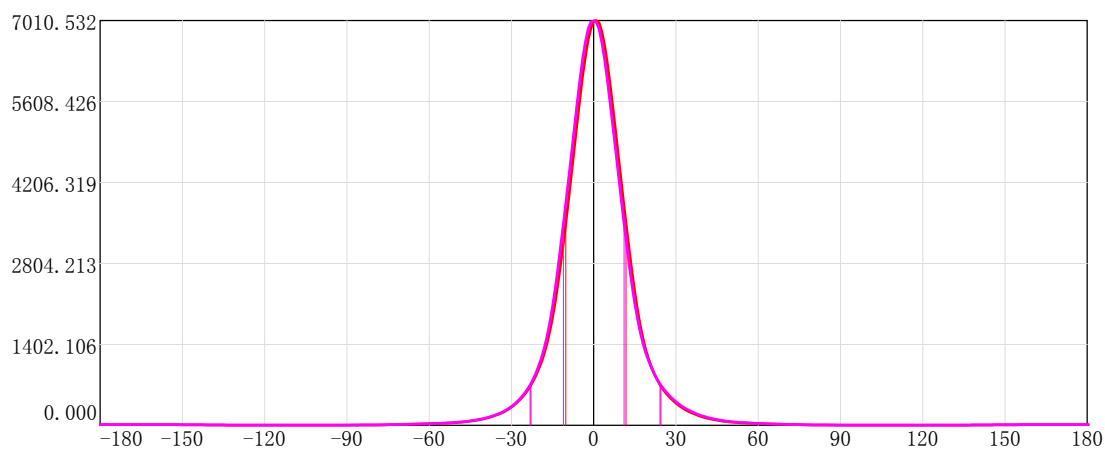
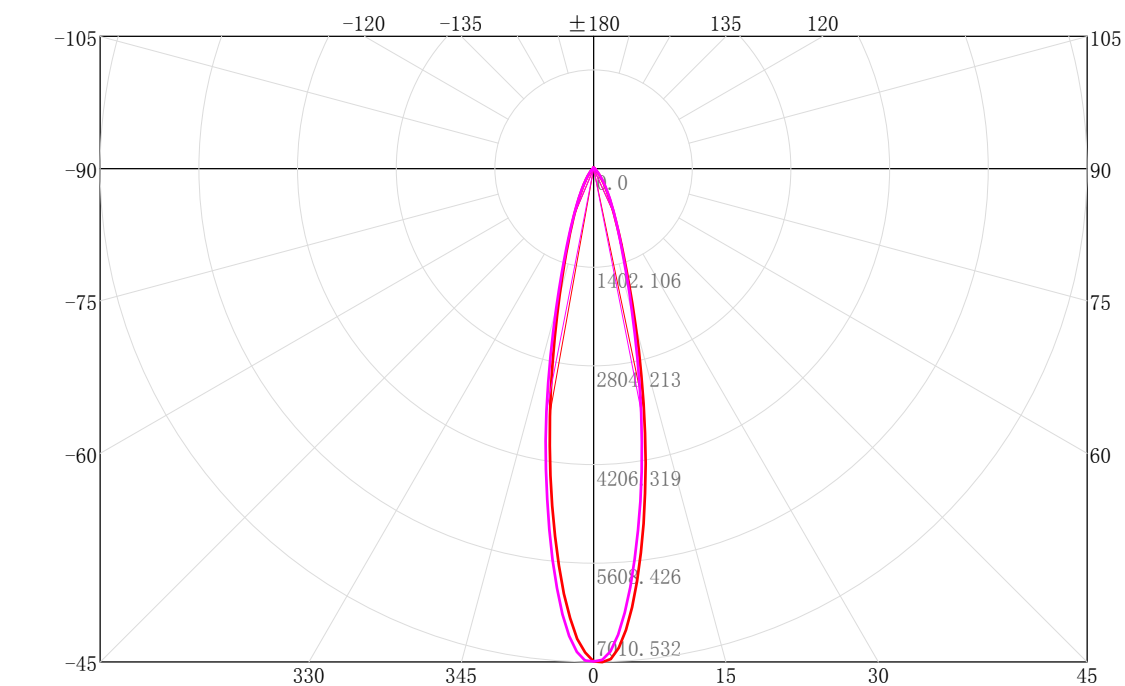
IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 15D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-18-XX-01 4000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/19

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 21.9 47.1
— C90.0_270.0 : 22.1 47.7

Unit:cd

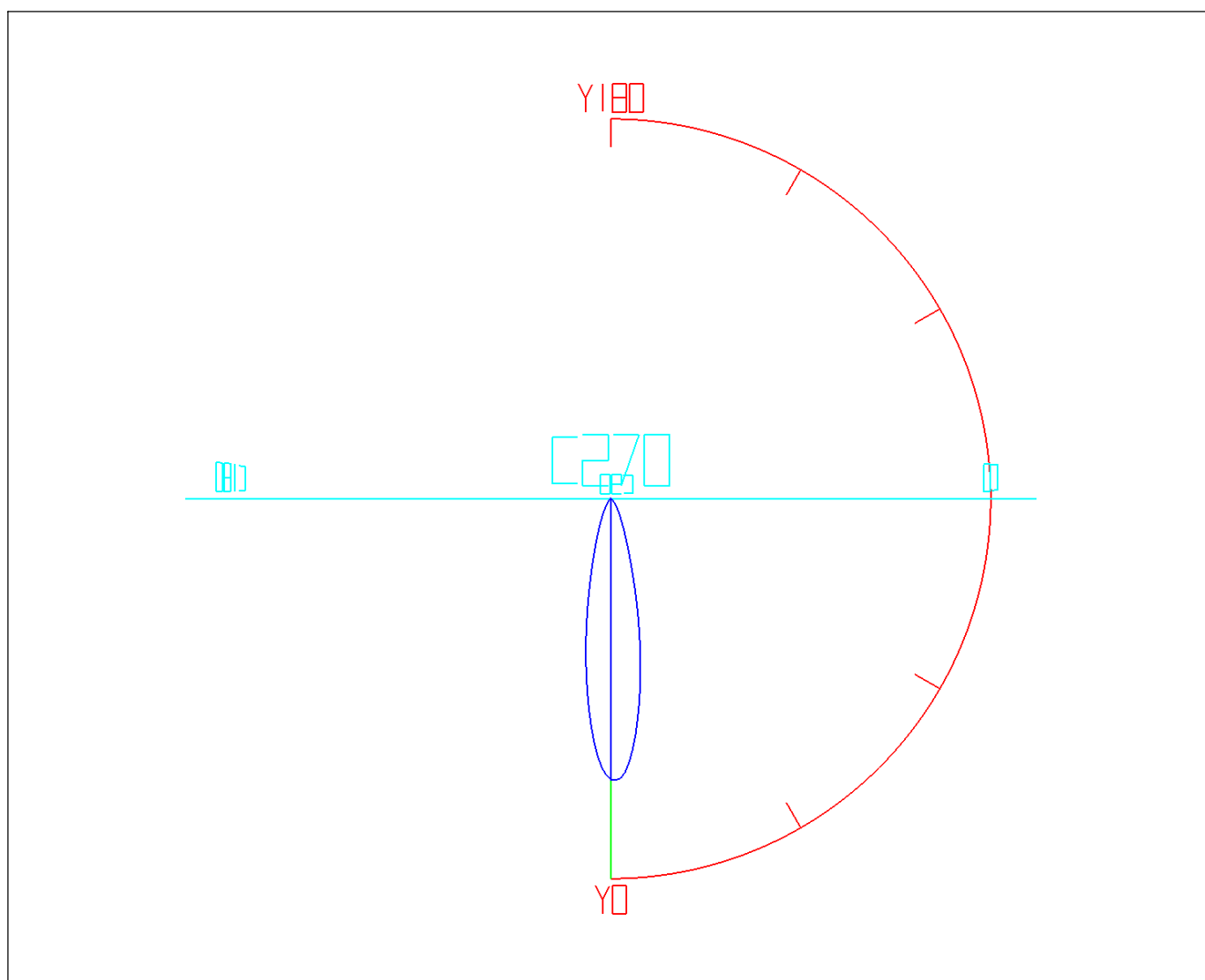
IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 15D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-18-XX-01 4000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/19

3D Light Intensity Distribution Modal



Curves: 3D Model — Fixture — Vert. HUD — Hori. HUD —
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

Zonal Flux Tabulation

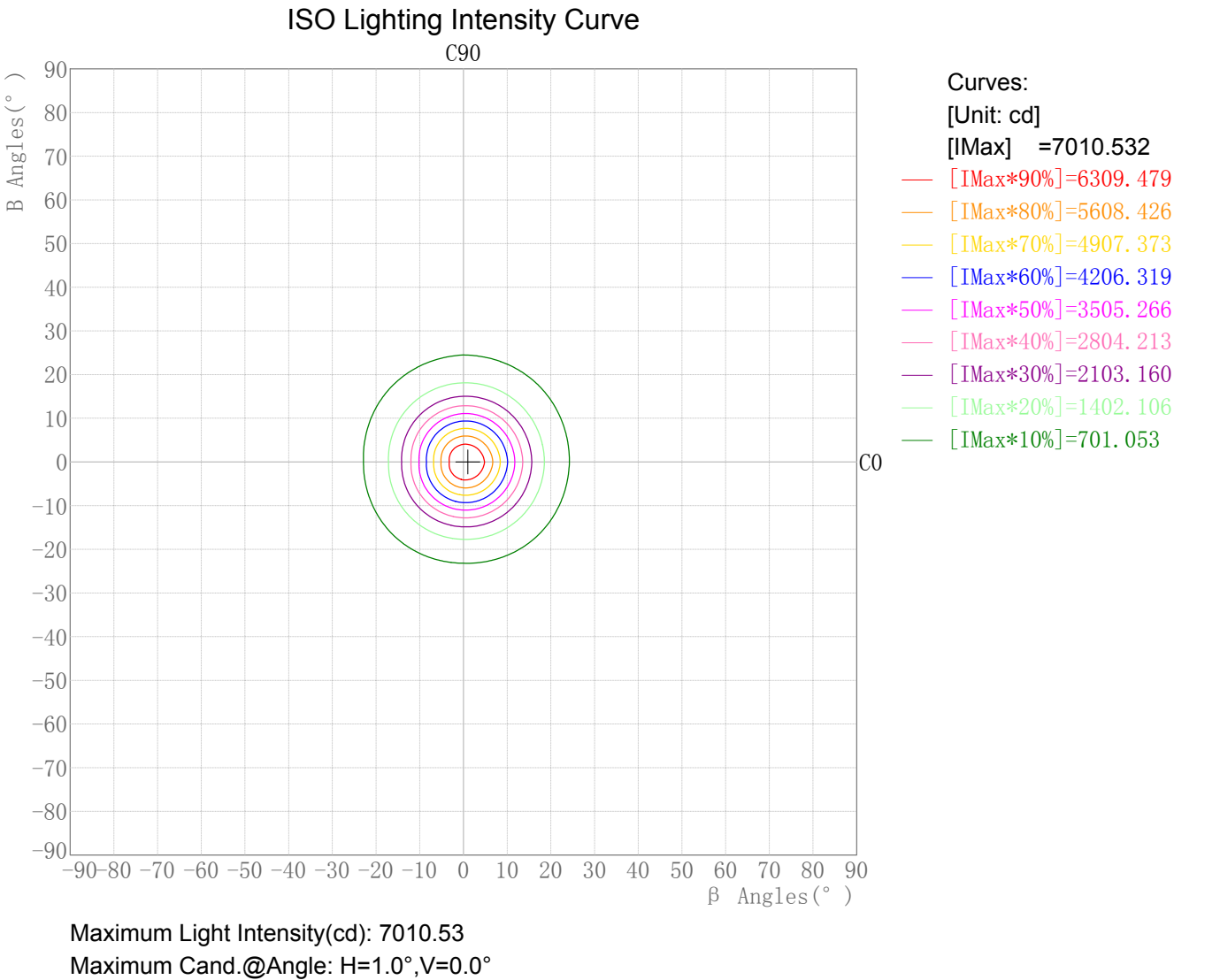
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	6.68	6.68	0.39	0.39	47.0-48.0	5.67	1577.71	0.33	91.99
1.0-2.0	19.82	26.50	1.16	1.55	48.0-49.0	5.31	1583.03	0.31	92.30
2.0-3.0	32.22	58.72	1.88	3.42	49.0-50.0	4.99	1588.02	0.29	92.59
3.0-4.0	43.34	102.05	2.53	5.95	50.0-51.0	4.71	1592.73	0.27	92.87
4.0-5.0	52.88	154.93	3.08	9.03	51.0-52.0	4.45	1597.18	0.26	93.13
5.0-6.0	60.68	215.61	3.54	12.57	52.0-53.0	4.22	1601.40	0.25	93.38
6.0-7.0	66.70	282.31	3.89	16.46	53.0-54.0	4.01	1605.42	0.23	93.61
7.0-8.0	70.99	353.30	4.14	20.60	54.0-55.0	3.83	1609.24	0.22	93.83
8.0-9.0	73.66	426.96	4.30	24.90	55.0-56.0	3.66	1612.90	0.21	94.05
9.0-10.0	74.74	501.71	4.36	29.25	56.0-57.0	3.50	1616.40	0.20	94.25
10.0-11.0	74.31	576.02	4.33	33.59	57.0-58.0	3.36	1619.76	0.20	94.45
11.0-12.0	72.47	648.48	4.23	37.81	58.0-59.0	3.22	1622.98	0.19	94.63
12.0-13.0	69.46	717.94	4.05	41.86	59.0-60.0	3.09	1626.07	0.18	94.81
13.0-14.0	65.69	783.63	3.83	45.69	60.0-61.0	2.97	1629.04	0.17	94.99
14.0-15.0	61.50	845.13	3.59	49.28	61.0-62.0	2.85	1631.89	0.17	95.15
15.0-16.0	57.13	902.26	3.33	52.61	62.0-63.0	2.73	1634.61	0.16	95.31
16.0-17.0	52.83	955.09	3.08	55.69	63.0-64.0	2.61	1637.23	0.15	95.46
17.0-18.0	48.82	1003.91	2.85	58.54	64.0-65.0	2.50	1639.73	0.15	95.61
18.0-19.0	45.17	1049.08	2.63	61.17	65.0-66.0	2.39	1642.12	0.14	95.75
19.0-20.0	41.87	1090.95	2.44	63.61	66.0-67.0	2.27	1644.39	0.13	95.88
20.0-21.0	38.87	1129.82	2.27	65.88	67.0-68.0	2.16	1646.55	0.13	96.01
21.0-22.0	36.13	1165.94	2.11	67.98	68.0-69.0	2.03	1648.58	0.12	96.13
22.0-23.0	33.63	1199.57	1.96	69.95	69.0-70.0	1.91	1650.50	0.11	96.24
23.0-24.0	31.33	1230.91	1.83	71.77	70.0-71.0	1.81	1652.31	0.11	96.34
24.0-25.0	29.22	1260.12	1.70	73.48	71.0-72.0	1.72	1654.02	0.10	96.44
25.0-26.0	27.27	1287.39	1.59	75.07	72.0-73.0	1.62	1655.64	0.09	96.54
26.0-27.0	25.44	1312.83	1.48	76.55	73.0-74.0	1.52	1657.16	0.09	96.63
27.0-28.0	23.70	1336.52	1.38	77.93	74.0-75.0	1.42	1658.58	0.08	96.71
28.0-29.0	22.05	1358.57	1.29	79.22	75.0-76.0	1.32	1659.90	0.08	96.79
29.0-30.0	20.50	1379.07	1.20	80.41	76.0-77.0	1.21	1661.11	0.07	96.86
30.0-31.0	19.05	1398.12	1.11	81.52	77.0-78.0	1.10	1662.21	0.06	96.92
31.0-32.0	17.71	1415.83	1.03	82.55	78.0-79.0	1.02	1663.23	0.06	96.98
32.0-33.0	16.48	1432.31	0.96	83.52	79.0-80.0	0.97	1664.20	0.06	97.04
33.0-34.0	15.33	1447.64	0.89	84.41	80.0-81.0	0.94	1665.14	0.05	97.09
34.0-35.0	14.26	1461.89	0.83	85.24	81.0-82.0	0.91	1666.05	0.05	97.14
35.0-36.0	13.25	1475.14	0.77	86.01	82.0-83.0	0.88	1666.93	0.05	97.20
36.0-37.0	12.31	1487.45	0.72	86.73	83.0-84.0	0.85	1667.79	0.05	97.25
37.0-38.0	11.43	1498.88	0.67	87.40	84.0-85.0	0.82	1668.61	0.05	97.29
38.0-39.0	10.62	1509.50	0.62	88.02	85.0-86.0	0.80	1669.41	0.05	97.34
39.0-40.0	9.88	1519.38	0.58	88.59	86.0-87.0	0.77	1670.18	0.04	97.39
40.0-41.0	9.20	1528.59	0.54	89.13	87.0-88.0	0.74	1670.92	0.04	97.43
41.0-42.0	8.57	1537.16	0.50	89.63	88.0-89.0	0.72	1671.64	0.04	97.47
42.0-43.0	7.99	1545.15	0.47	90.09	89.0-90.0	0.69	1672.33	0.04	97.51
43.0-44.0	7.44	1552.59	0.43	90.53	90.0-91.0	0.68	1673.01	0.04	97.55
44.0-45.0	6.94	1559.52	0.40	90.93	91.0-92.0	0.66	1673.67	0.04	97.59
45.0-46.0	6.47	1565.99	0.38	91.31	92.0-93.0	0.65	1674.32	0.04	97.63
46.0-47.0	6.05	1572.04	0.35	91.66	93.0-94.0	0.63	1674.95	0.04	97.66

Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.62	1675.57	0.04	97.70	141.0-142.0	0.60	1698.80	0.04	99.05
95.0-96.0	0.60	1676.17	0.04	97.73	142.0-143.0	0.61	1699.41	0.04	99.09
96.0-97.0	0.59	1676.76	0.03	97.77	143.0-144.0	0.63	1700.04	0.04	99.13
97.0-98.0	0.58	1677.34	0.03	97.80	144.0-145.0	0.63	1700.67	0.04	99.16
98.0-99.0	0.57	1677.90	0.03	97.84	145.0-146.0	0.64	1701.32	0.04	99.20
99.0-100.0	0.55	1678.46	0.03	97.87	146.0-147.0	0.65	1701.96	0.04	99.24
100.0-101.0	0.54	1679.00	0.03	97.90	147.0-148.0	0.65	1702.61	0.04	99.28
101.0-102.0	0.53	1679.53	0.03	97.93	148.0-149.0	0.65	1703.26	0.04	99.31
102.0-103.0	0.52	1680.06	0.03	97.96	149.0-150.0	0.65	1703.91	0.04	99.35
103.0-104.0	0.52	1680.57	0.03	97.99	150.0-151.0	0.64	1704.55	0.04	99.39
104.0-105.0	0.51	1681.08	0.03	98.02	151.0-152.0	0.64	1705.18	0.04	99.43
105.0-106.0	0.50	1681.58	0.03	98.05	152.0-153.0	0.63	1705.81	0.04	99.46
106.0-107.0	0.50	1682.08	0.03	98.08	153.0-154.0	0.62	1706.43	0.04	99.50
107.0-108.0	0.49	1682.57	0.03	98.11	154.0-155.0	0.60	1707.03	0.04	99.53
108.0-109.0	0.48	1683.06	0.03	98.14	155.0-156.0	0.59	1707.62	0.03	99.57
109.0-110.0	0.48	1683.53	0.03	98.16	156.0-157.0	0.57	1708.19	0.03	99.60
110.0-111.0	0.47	1684.01	0.03	98.19	157.0-158.0	0.56	1708.74	0.03	99.63
111.0-112.0	0.47	1684.47	0.03	98.22	158.0-159.0	0.54	1709.28	0.03	99.67
112.0-113.0	0.46	1684.93	0.03	98.25	159.0-160.0	0.52	1709.80	0.03	99.70
113.0-114.0	0.45	1685.39	0.03	98.27	160.0-161.0	0.50	1710.30	0.03	99.72
114.0-115.0	0.45	1685.83	0.03	98.30	161.0-162.0	0.48	1710.77	0.03	99.75
115.0-116.0	0.45	1686.28	0.03	98.32	162.0-163.0	0.45	1711.23	0.03	99.78
116.0-117.0	0.44	1686.72	0.03	98.35	163.0-164.0	0.43	1711.66	0.03	99.80
117.0-118.0	0.44	1687.16	0.03	98.38	164.0-165.0	0.41	1712.06	0.02	99.83
118.0-119.0	0.44	1687.60	0.03	98.40	165.0-166.0	0.38	1712.44	0.02	99.85
119.0-120.0	0.43	1688.03	0.03	98.43	166.0-167.0	0.36	1712.80	0.02	99.87
120.0-121.0	0.43	1688.46	0.03	98.45	167.0-168.0	0.33	1713.13	0.02	99.89
121.0-122.0	0.43	1688.90	0.03	98.48	168.0-169.0	0.30	1713.43	0.02	99.91
122.0-123.0	0.43	1689.33	0.03	98.50	169.0-170.0	0.28	1713.71	0.02	99.92
123.0-124.0	0.43	1689.76	0.03	98.53	170.0-171.0	0.25	1713.96	0.01	99.94
124.0-125.0	0.43	1690.19	0.03	98.55	171.0-172.0	0.22	1714.18	0.01	99.95
125.0-126.0	0.44	1690.63	0.03	98.58	172.0-173.0	0.20	1714.38	0.01	99.96
126.0-127.0	0.44	1691.06	0.03	98.60	173.0-174.0	0.17	1714.55	0.01	99.97
127.0-128.0	0.45	1691.51	0.03	98.63	174.0-175.0	0.14	1714.69	0.01	99.98
128.0-129.0	0.45	1691.96	0.03	98.66	175.0-176.0	0.12	1714.81	0.01	99.99
129.0-130.0	0.46	1692.42	0.03	98.68	176.0-177.0	0.09	1714.90	0.01	99.99
130.0-131.0	0.47	1692.89	0.03	98.71	177.0-178.0	0.07	1714.97	0.00	100.00
131.0-132.0	0.48	1693.36	0.03	98.74	178.0-179.0	0.04	1715.01	0.00	100.00
132.0-133.0	0.49	1693.85	0.03	98.77	179.0-180.0	0.01	1715.02	0.00	100.00
133.0-134.0	0.50	1694.34	0.03	98.79					
134.0-135.0	0.51	1694.85	0.03	98.82					
135.0-136.0	0.52	1695.38	0.03	98.85					
136.0-137.0	0.54	1695.91	0.03	98.89					
137.0-138.0	0.55	1696.46	0.03	98.92					
138.0-139.0	0.57	1697.03	0.03	98.95					
139.0-140.0	0.58	1697.61	0.03	98.98					
140.0-141.0	0.59	1698.20	0.03	99.02					

Rectangle ISO Lighting Intensity Diagram

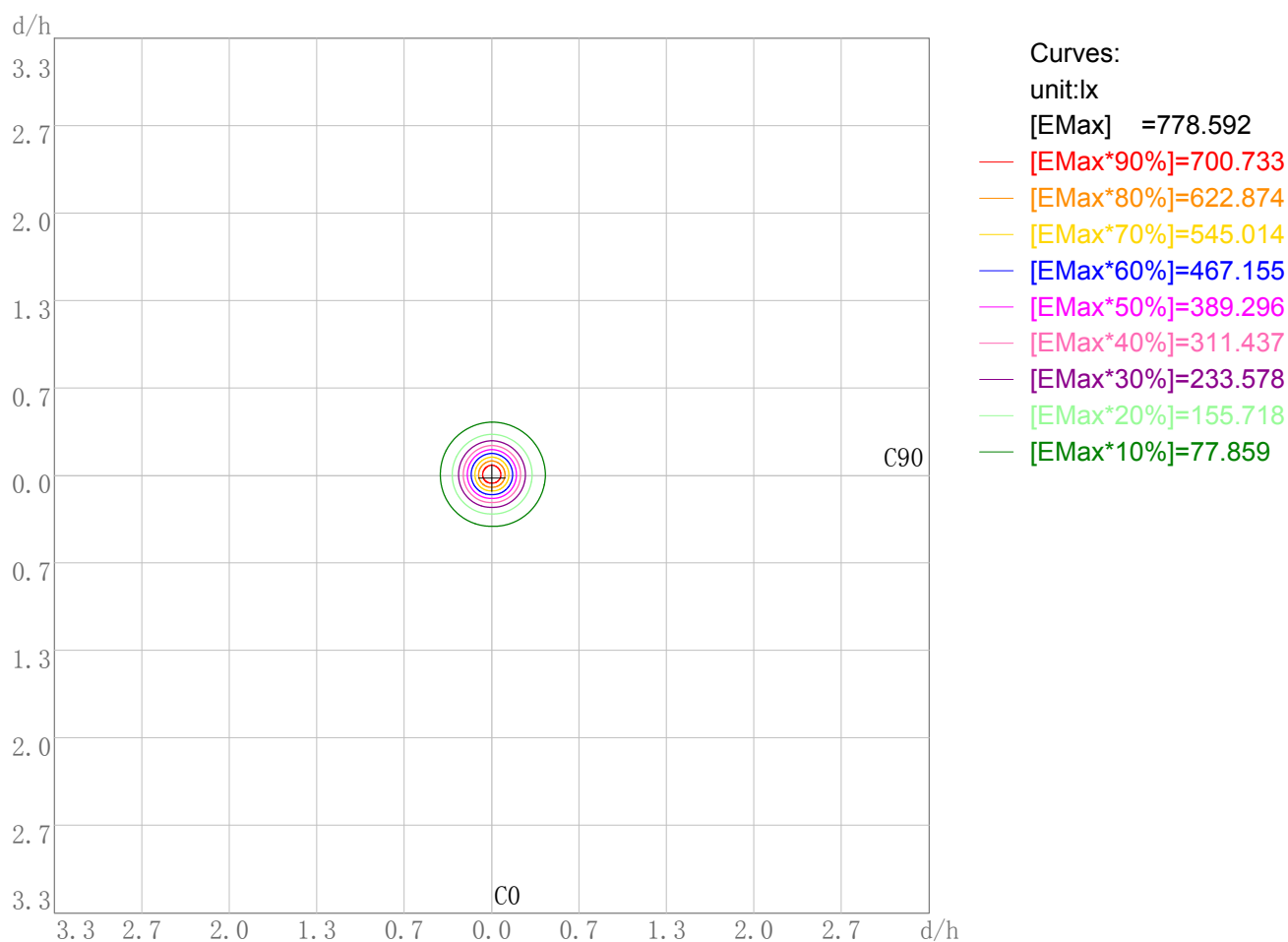
Lum. Name: MD10-18-XX-01 4000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/19



Plane ISO-Illuminance Diagram

Lum. Name: MD10-18-XX-01 4000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/19

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

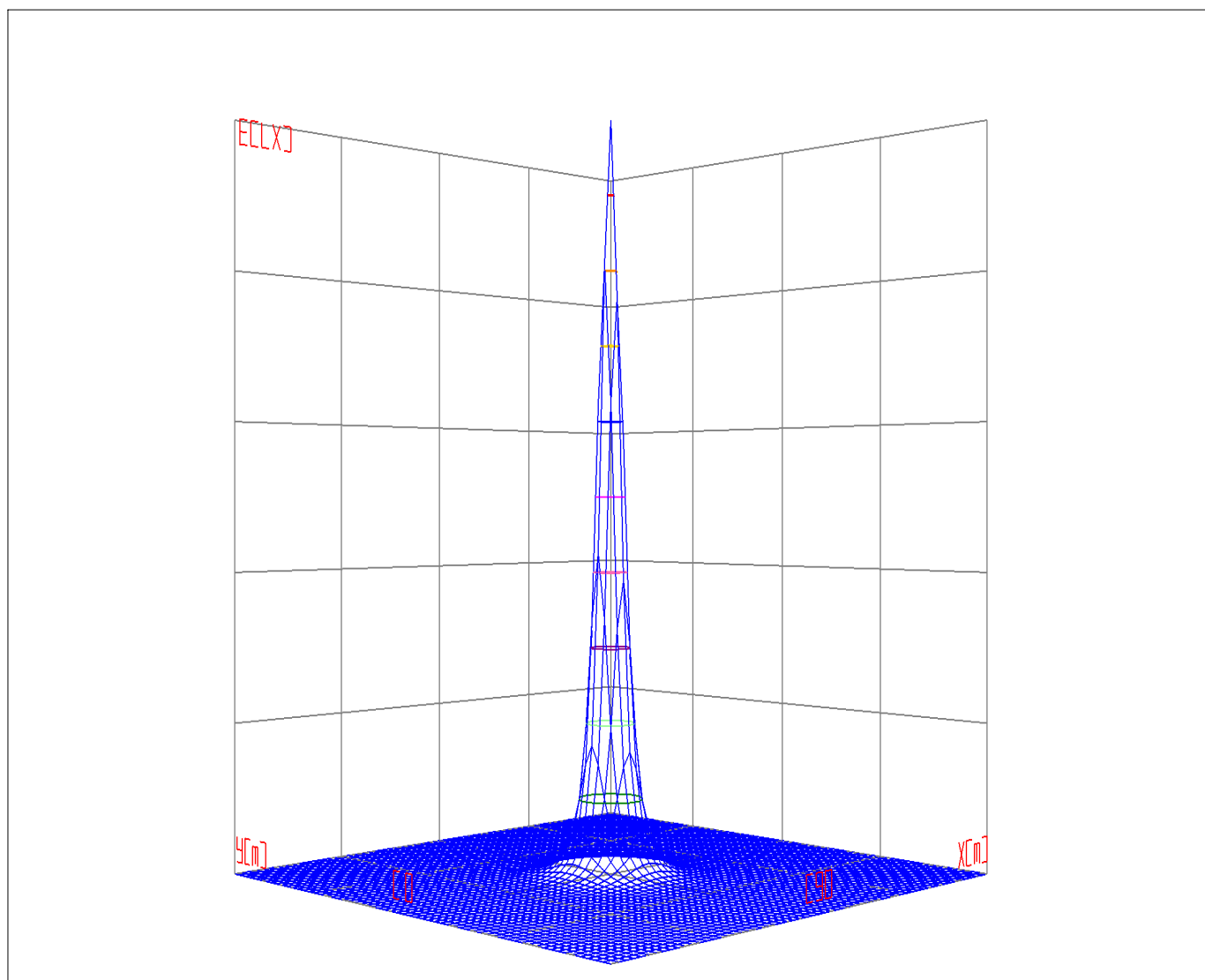
Working Plane Maximum Illuminance(lx): 778.59

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-18-XX-01 4000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/19

3D Plane Illuminance Modal

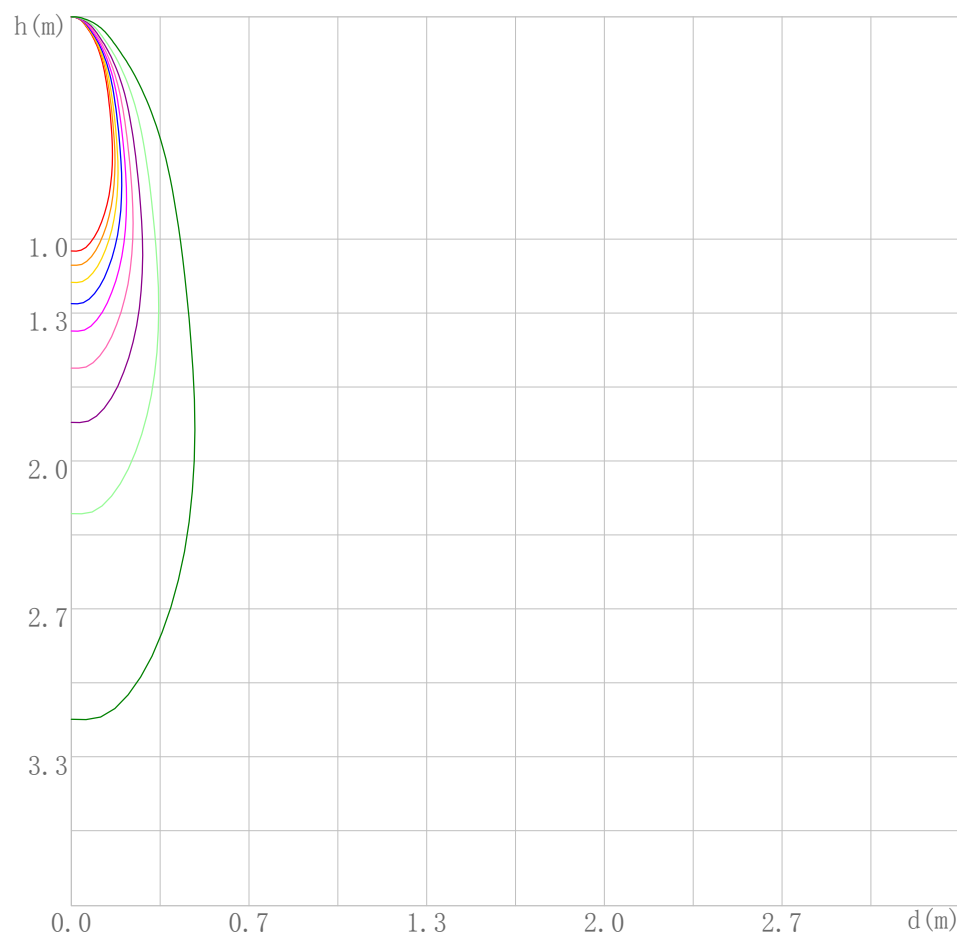


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-18-XX-01 4000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/19

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =7007.330

— [EMax*90%]=6306.597

— [EMax*80%]=5605.864

— [EMax*70%]=4905.131

— [EMax*60%]=4204.398

— [EMax*50%]=3503.665

— [EMax*40%]=2802.932

— [EMax*30%]=2102.199

— [EMax*20%]=1401.466

— [EMax*10%]=700.733

Space Plane Maximum Illuminance and @Angle:7007.33lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:7010.532cd,0deg

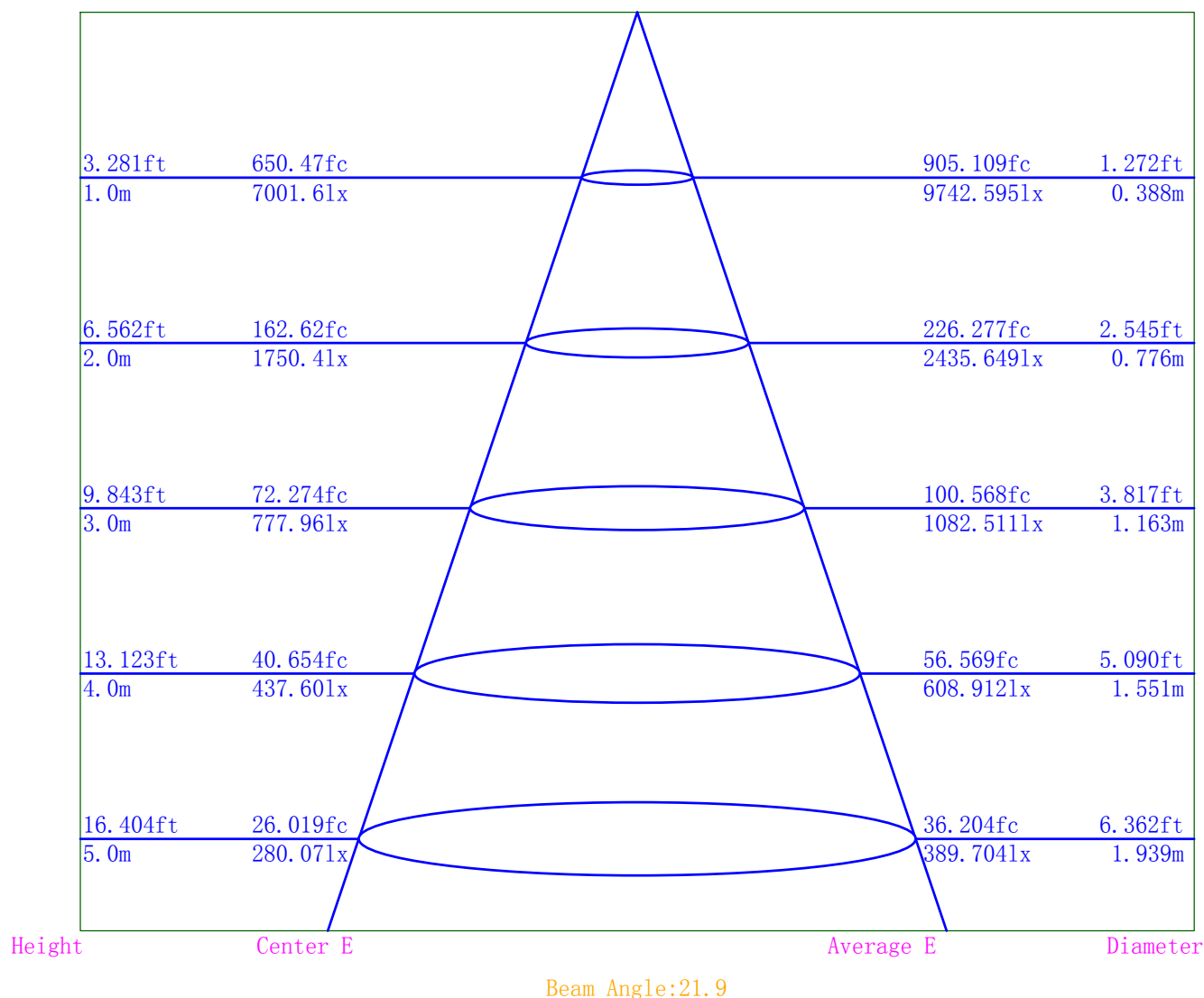
IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 15D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-18-XX-01 4000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/19

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: MD10-18-XX-01 4000K RA90 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/19

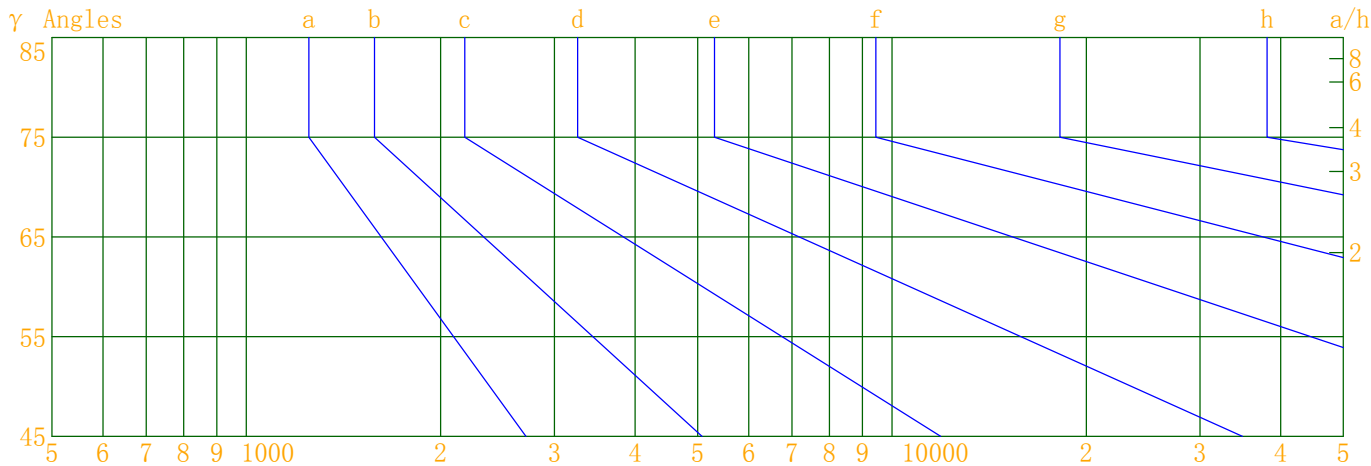
Glare Grade Table

GI	Quality	Using Illuminance							
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	168	121	98	87	80	73	71	70	119
C90	187	136	106	90	79	69	64	63	108

Luminance Limiting Curve



Luminous Size: Length(m)=0.550 Width(m)=0.550 Height(m)=0.840 Area(m^2)=0.764500

Luminous Type: Without Luminous Side

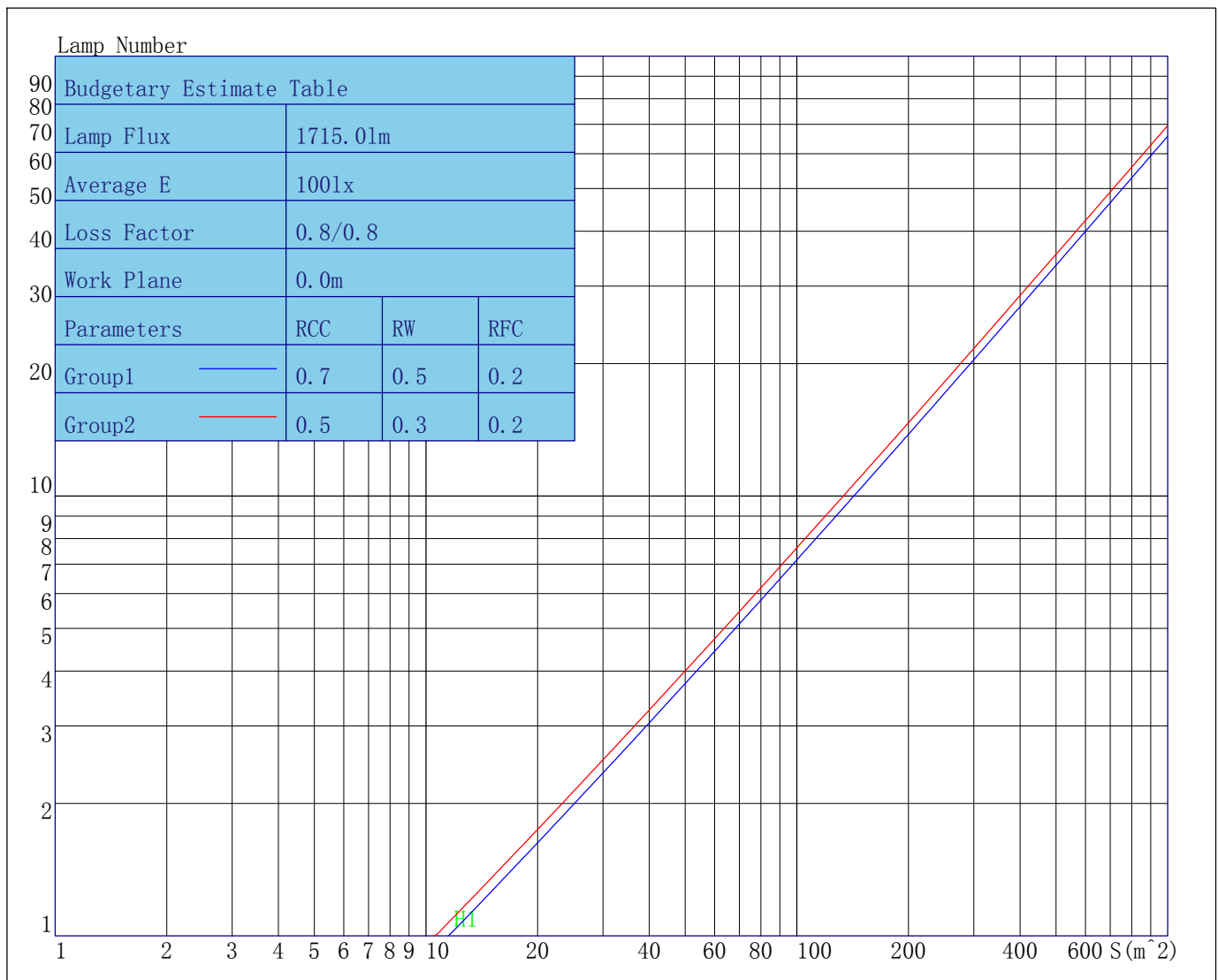
Luminous Curves: C0-C180 Color: C90-C270 Color:

IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 15D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-18-XX-01 4000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/19



Indoor Coefficient of Utilization Table

Lum. Name: MD10-18-XX-01 4000K RA90 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/19

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	110	110	110	105	105	105	100	100	100	98
1	113	111	108	106	111	108	106	104	104	102	101	100	98	97	96	95	94	92
2	108	104	100	97	106	102	99	96	99	96	94	95	93	91	92	91	89	87
3	104	98	94	90	102	97	93	90	94	91	88	91	88	86	89	86	85	83
4	100	93	88	85	98	92	88	84	90	86	83	87	84	82	85	83	81	79
5	96	89	84	80	94	88	83	80	86	82	79	84	81	78	82	79	77	76
6	93	85	80	76	91	84	79	76	82	78	75	81	77	75	79	76	74	73
7	89	81	76	73	88	81	76	73	79	75	72	78	74	72	77	74	71	70
8	86	78	73	70	85	78	73	70	77	72	69	75	72	69	74	71	69	67
9	83	75	71	67	82	75	70	67	74	70	67	73	69	67	72	69	66	65
10	81	73	68	65	80	72	68	65	72	67	65	71	67	64	70	66	64	63

Unified Glare Rating Table

Lum. Name: MD10-18-XX-01 4000K RA90 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/19

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 Y=3H Y=4H Y=6H Y=8H Y=12H	0.2	1.2	0.6	1.6	2.0	0.6	1.6	1.0	1.9	2.3
	0.8	1.7	1.2	2.1	2.5	1.1	1.9	1.5	2.3	2.8
	1.1	1.9	1.6	2.3	2.8	1.3	2.1	1.7	2.5	2.9
	1.4	2.1	1.8	2.6	3.0	1.4	2.2	1.9	2.6	3.1
	1.5	2.2	2.0	2.7	3.2	1.6	2.3	2.0	2.7	3.2
	1.8	2.4	2.2	2.9	3.4	1.7	2.4	2.2	2.8	3.3
X=4H Y=2H Y=3H Y=4H Y=6H Y=8H Y=12H	0.3	1.2	0.8	1.6	2.0	0.6	1.5	1.1	1.9	2.3
	1.1	1.8	1.6	2.3	2.8	1.3	2.0	1.8	2.4	2.9
	1.6	2.2	2.1	2.6	3.2	1.6	2.2	2.1	2.7	3.2
	2.0	2.5	2.5	3.0	3.5	1.9	2.4	2.4	2.9	3.5
	2.2	2.7	2.7	3.2	3.7	2.1	2.6	2.6	3.1	3.6
	2.5	3.0	3.1	3.5	4.0	2.4	2.8	2.9	3.4	3.9
X=8H Y=4H Y=6H Y=8H Y=12H	1.7	2.1	2.2	2.6	3.2	1.7	2.2	2.2	2.7	3.2
	2.2	2.6	2.7	3.1	3.7	2.1	2.5	2.7	3.1	3.6
	2.6	2.9	3.1	3.5	4.0	2.4	2.8	3.0	3.3	3.9
	3.1	3.4	3.7	3.9	4.6	2.9	3.2	3.5	3.7	4.4
X=12H Y=4H Y=6H Y=8H	1.6	2.1	2.2	2.6	3.1	1.7	2.1	2.2	2.6	3.2
	2.2	2.6	2.8	3.1	3.7	2.1	2.5	2.7	3.0	3.6
	2.7	3.0	3.2	3.5	4.2	2.5	2.8	3.1	3.4	4.0
Variations with the objerver position at spacings										
S=1.0H	0.2/-0.2					0.2/-0.2				
S=1.5H	0.5/-0.5					0.5/-0.5				
S=2.0H	0.7/-0.7					0.8/-0.8				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.1					1.8				

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

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	7001.63	7001.63	7001.63	7001.63
γ 1.0	7010.53	6979.45	6874.30	6988.15
γ 2.0	6970.62	6863.28	6685.56	6869.95
γ 3.0	6816.78	6629.70	6394.79	6648.62
γ 4.0	6569.27	6325.93	6054.12	6346.18
γ 5.0	6257.21	5968.14	5661.11	5983.37
γ 6.0	5897.51	5579.24	5253.11	5585.61
γ 7.0	5497.45	5177.46	4826.17	5164.66
γ 8.0	5092.61	4773.49	4405.41	4742.23
γ 9.0	4669.97	4359.24	3985.08	4329.02
γ 10.0	4250.67	3945.20	3574.01	3922.98
γ 11.0	3825.71	3535.70	3178.90	3514.45
γ 12.0	3411.82	3135.04	2803.73	3111.12
γ 13.0	3016.66	2755.22	2456.54	2722.16
γ 14.0	2647.49	2417.66	2141.71	2371.48
γ 15.0	2305.40	2111.05	1868.60	2055.34
γ 16.0	1995.83	1846.21	1631.51	1780.64
γ 17.0	1727.92	1614.79	1428.02	1544.41
γ 18.0	1503.48	1422.52	1256.16	1347.10
γ 19.0	1312.67	1259.31	1106.31	1177.95
γ 20.0	1153.82	1122.14	980.82	1036.66
γ 21.0	1018.95	1002.66	870.54	911.78
γ 22.0	904.21	901.99	774.60	806.01
γ 23.0	805.32	812.89	690.33	715.59
γ 24.0	719.20	734.79	616.20	638.17
γ 25.0	644.81	665.33	551.47	569.69
γ 26.0	581.81	603.75	493.93	509.43
γ 27.0	524.92	547.86	441.99	455.54
γ 28.0	473.86	497.14	394.63	407.82
γ 29.0	428.69	450.85	353.35	364.30
γ 30.0	386.99	408.98	316.88	326.73
γ 31.0	349.36	371.26	284.32	293.99
γ 32.0	315.80	337.80	255.58	264.83
γ 33.0	285.60	307.41	230.59	239.35
γ 34.0	258.54	279.90	208.82	216.01
γ 35.0	234.13	254.65	188.47	195.52
γ 36.0	212.32	231.68	170.68	176.93
γ 37.0	192.62	211.04	154.09	160.21
γ 38.0	174.48	192.31	139.55	145.61
γ 39.0	158.59	174.96	126.59	132.72
γ 40.0	144.28	159.75	115.42	120.94
γ 41.0	131.44	145.53	105.62	110.71
γ 42.0	119.59	133.18	96.61	101.37
γ 43.0	108.92	121.19	88.28	93.27
γ 44.0	99.32	110.85	80.86	85.83
γ 45.0	90.55	101.29	74.29	78.83
γ 46.0	82.89	93.11	68.36	72.50

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	75.96	85.58	63.15	67.05
γ 48.0	69.62	78.72	58.62	61.99
γ 49.0	64.31	72.40	54.61	57.36
γ 50.0	59.46	66.86	50.82	53.38
γ 51.0	55.43	61.95	47.46	49.68
γ 52.0	51.70	57.53	44.73	46.62
γ 53.0	48.32	53.41	42.22	43.77
γ 54.0	45.54	49.63	39.95	41.32
γ 55.0	42.96	46.54	37.84	39.03
γ 56.0	40.70	43.81	36.07	36.89
γ 57.0	38.60	41.04	34.34	35.04
γ 58.0	36.69	38.71	32.69	33.35
γ 59.0	34.88	36.38	31.08	31.84
γ 60.0	33.17	34.33	29.59	30.45
γ 61.0	31.67	32.35	28.17	28.99
γ 62.0	30.04	30.60	26.92	27.53
γ 63.0	28.57	28.77	25.60	26.19
γ 64.0	27.19	27.24	24.39	25.04
γ 65.0	25.87	25.60	23.11	23.87
γ 66.0	24.57	24.14	21.74	22.65
γ 67.0	23.20	22.63	20.51	21.46
γ 68.0	21.92	21.19	18.99	20.33
γ 69.0	20.73	19.33	17.89	19.06
γ 70.0	19.19	18.07	16.92	17.91
γ 71.0	18.10	16.94	15.89	17.07
γ 72.0	17.10	15.80	14.95	16.12
γ 73.0	16.04	14.75	13.94	15.12
γ 74.0	15.12	13.68	12.90	14.24
γ 75.0	13.99	12.64	11.75	13.30
γ 76.0	13.06	11.48	10.60	12.39
γ 77.0	11.83	10.36	9.45	11.39
γ 78.0	10.69	9.22	8.96	10.35
γ 79.0	9.76	8.75	8.66	9.65
γ 80.0	9.33	8.41	8.27	9.23
γ 81.0	9.11	8.13	8.08	8.90
γ 82.0	8.78	7.83	7.73	8.61
γ 83.0	8.43	7.68	7.49	8.36
γ 84.0	8.14	7.39	7.15	8.01
γ 85.0	7.93	7.16	6.96	7.70
γ 86.0	7.68	6.89	6.74	7.37
γ 87.0	7.39	6.63	6.39	7.19
γ 88.0	7.10	6.39	6.17	6.95
γ 89.0	6.83	6.16	6.01	6.62
γ 90.0	6.66	6.06	5.85	6.50
γ 91.0	6.47	5.88	5.68	6.34
γ 92.0	6.41	5.76	5.50	6.15
γ 93.0	6.27	5.78	5.45	5.98

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	6.15	5.52	5.33	5.86
γ 95.0	5.99	5.42	5.14	5.76
γ 96.0	5.87	5.38	5.06	5.52
γ 97.0	5.76	5.24	4.91	5.45
γ 98.0	5.75	5.22	4.87	5.30
γ 99.0	5.62	5.06	4.75	5.25
γ 100.0	5.50	5.00	4.66	5.08
γ 101.0	5.41	4.93	4.65	5.01
γ 102.0	5.32	4.84	4.57	4.95
γ 103.0	5.22	4.78	4.50	4.91
γ 104.0	5.15	4.77	4.52	4.82
γ 105.0	5.14	4.62	4.48	4.85
γ 106.0	5.15	4.63	4.48	4.76
γ 107.0	5.09	4.60	4.46	4.76
γ 108.0	4.95	4.52	4.41	4.74
γ 109.0	4.95	4.53	4.38	4.69
γ 110.0	4.86	4.41	4.40	4.70
γ 111.0	4.88	4.36	4.41	4.71
γ 112.0	4.78	4.34	4.40	4.65
γ 113.0	4.80	4.26	4.40	4.68
γ 114.0	4.65	4.26	4.41	4.68
γ 115.0	4.62	4.19	4.43	4.71
γ 116.0	4.66	4.25	4.50	4.72
γ 117.0	4.59	4.19	4.47	4.77
γ 118.0	4.55	4.12	4.53	4.76
γ 119.0	4.52	4.18	4.63	4.88
γ 120.0	4.51	4.13	4.69	4.85
γ 121.0	4.57	4.22	4.75	4.86
γ 122.0	4.51	4.22	4.88	4.92
γ 123.0	4.56	4.25	4.93	5.03
γ 124.0	4.55	4.35	4.99	5.09
γ 125.0	4.65	4.43	5.13	5.18
γ 126.0	4.61	4.45	5.23	5.31
γ 127.0	4.69	4.60	5.43	5.47
γ 128.0	4.82	4.74	5.60	5.61
γ 129.0	4.97	4.86	5.72	5.76
γ 130.0	5.13	4.99	5.93	5.94
γ 131.0	5.26	5.17	6.15	6.12
γ 132.0	5.49	5.46	6.39	6.39
γ 133.0	5.72	5.55	6.62	6.55
γ 134.0	5.84	5.86	6.89	6.83
γ 135.0	6.18	6.19	7.22	7.05
γ 136.0	6.40	6.51	7.53	7.40
γ 137.0	6.72	6.67	7.88	7.71
γ 138.0	7.01	7.12	8.34	8.10
γ 139.0	7.31	7.37	8.62	8.35
γ 140.0	7.59	7.71	9.06	8.74

IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 15D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	7.97	8.04	9.42	9.12
γ 142.0	8.34	8.46	9.80	9.50
γ 143.0	8.75	8.80	10.20	9.84
γ 144.0	9.10	9.20	10.59	10.24
γ 145.0	9.46	9.60	10.87	10.65
γ 146.0	9.83	9.94	11.26	11.00
γ 147.0	10.27	10.27	11.56	11.24
γ 148.0	10.57	10.64	11.80	11.52
γ 149.0	10.95	10.97	12.28	11.84
γ 150.0	11.28	11.20	12.45	12.14
γ 151.0	11.57	11.55	12.70	12.31
γ 152.0	11.85	11.78	12.87	12.62
γ 153.0	12.15	12.01	13.05	12.76
γ 154.0	12.33	12.14	13.28	12.95
γ 155.0	12.55	12.36	13.39	13.08
γ 156.0	12.72	12.54	13.51	13.18
γ 157.0	12.96	12.71	13.69	13.35
γ 158.0	13.14	12.84	13.87	13.46
γ 159.0	13.27	12.99	13.94	13.52
γ 160.0	13.40	13.13	13.98	13.66
γ 161.0	13.57	13.16	14.04	13.73
γ 162.0	13.61	13.30	14.14	13.77
γ 163.0	13.73	13.42	14.19	13.74
γ 164.0	13.85	13.40	14.21	13.80
γ 165.0	13.85	13.56	14.25	13.82
γ 166.0	13.80	13.59	14.20	13.83
γ 167.0	13.89	13.60	14.24	13.83
γ 168.0	13.96	13.62	14.25	13.78
γ 169.0	13.97	13.78	14.12	13.79
γ 170.0	13.92	13.72	14.10	13.77
γ 171.0	13.90	13.64	13.99	13.68
γ 172.0	13.90	13.61	14.01	13.73
γ 173.0	13.84	13.58	13.88	13.57
γ 174.0	13.78	13.60	13.82	13.54
γ 175.0	13.79	13.59	13.89	13.52
γ 176.0	13.77	13.61	13.78	13.54
γ 177.0	13.77	13.53	13.78	13.57
γ 178.0	13.81	13.57	13.81	13.62
γ 179.0	13.84	13.64	13.85	13.56
γ 180.0	13.76	13.76	13.76	13.76