

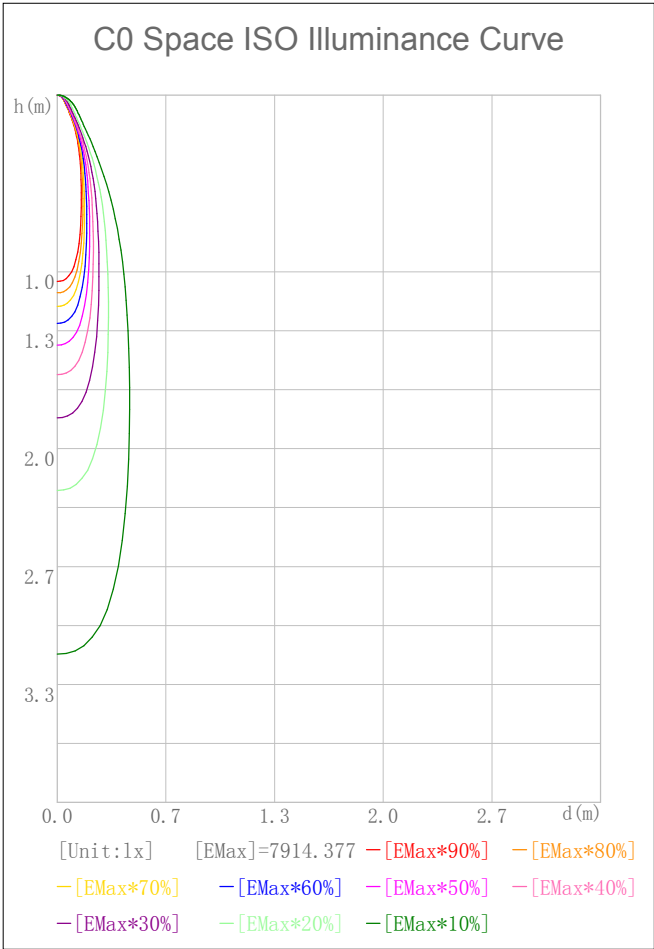
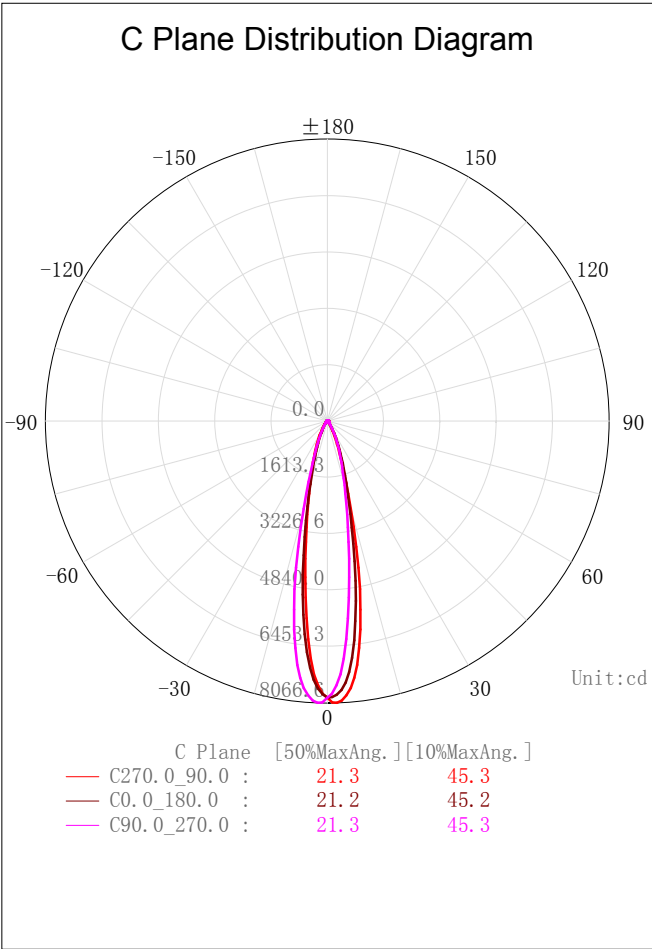
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-25-XX-01 2700K RA90 18D		Lum. Catalog:	Test ID: QIU MEI
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/09/12
Manufacture: Shenzhen Norming Lighting Co., Ltd		Shld.Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency(Hz):	Lamp CCT(K): Ra:
Lum.Size(W*L*H):0.060m*0.060m*0.250m		Lum.Area(m2):0.019	Lum.W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp.(°C): 25	Humidity(%): 50.0

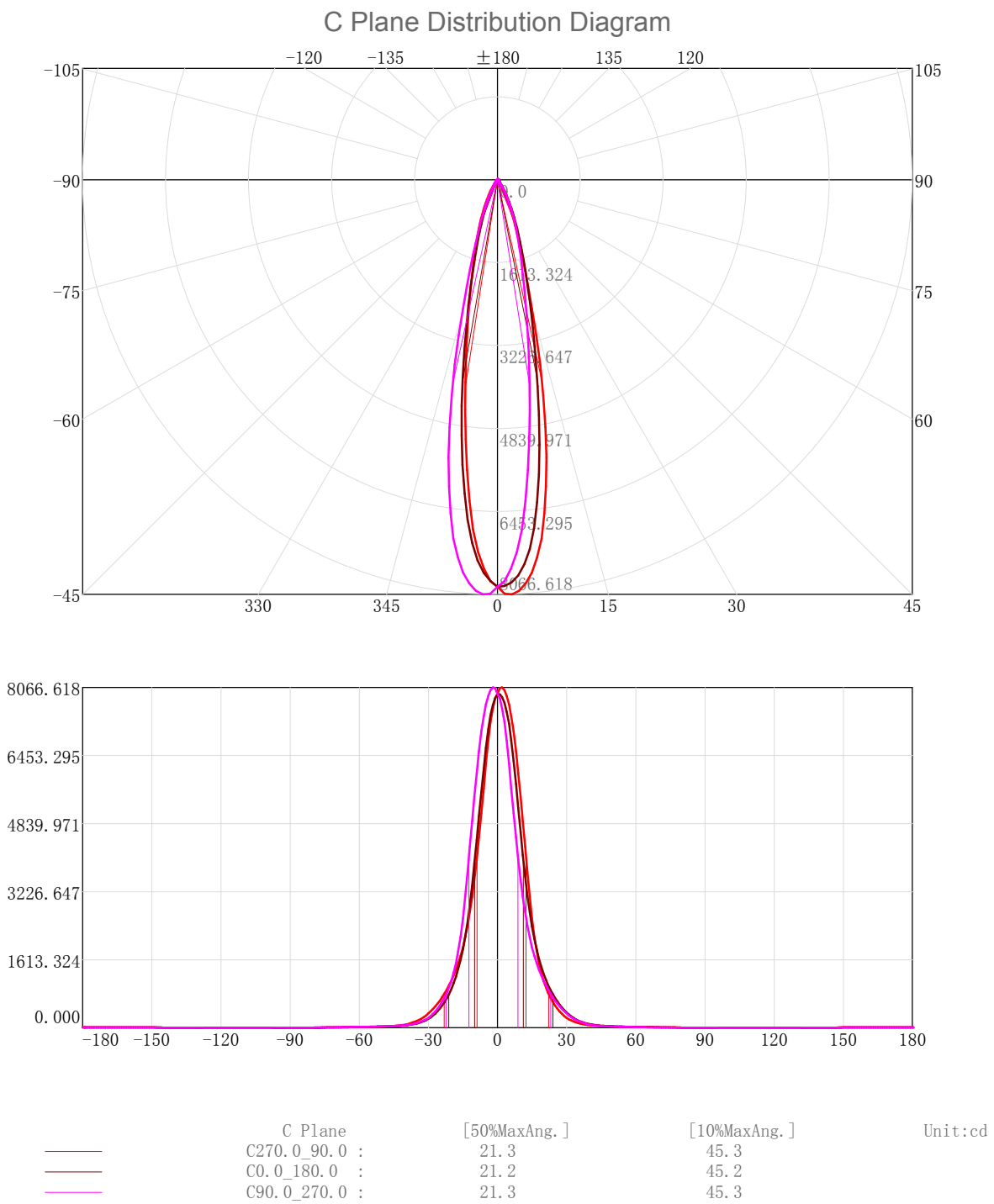
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1704.590	Luminary Flux(lm): 1704.592	Field Angle(10%Imax): 45.3(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1675.149lm 98.27%	
Rated Voltage(V):	Luminary EER(lm/W): 71.863	Up Lumens&Percent: 29.443lm 1.73%	
Tested Power(W): 23.720	Max.Candela(cd): 8066.618	S/MH: C0_a180=0.360 C90_270=0.369	
Lamps' Inside: 1	Max Cand@Ang.(°): C=270.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):240.0, 0.100, 0.983		ErP Φuse(90°): 1543.945lm	
Lamp Size(W*L*H):0.060m*0.060m*0.250m	Left=-8.9°,Right=12.4°	IRF(%): 981.709	



2D Plane Light Intensity Distribution Curve

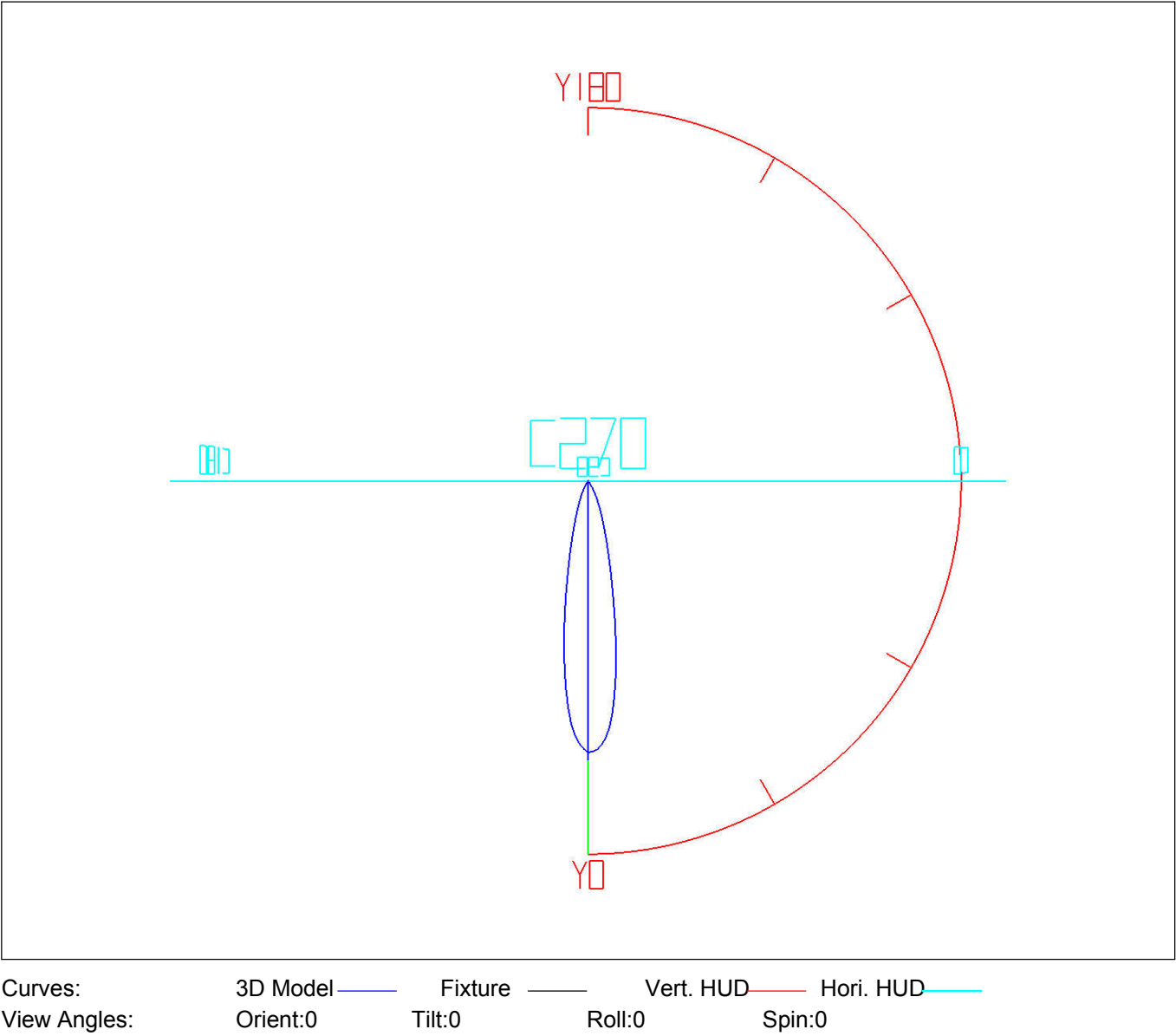
Lum. Name:TR04-25-XX-01 2700K RA90 18D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/12



3D Light Intensity Distribution Modal

Lum. Name:TR04-25-XX-01 2700K RA90 18D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/12

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:TR04-25-XX-01 2700K RA90 18D.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. 56	7. 56	0. 44	0. 44	47. 0-48. 0	3. 18	1608. 52	0. 19	94. 36
1. 0-2. 0	22. 49	30. 05	1. 32	1. 76	48. 0-49. 0	3. 03	1611. 55	0. 18	94. 54
2. 0-3. 0	36. 77	66. 82	2. 16	3. 92	49. 0-50. 0	2. 91	1614. 46	0. 17	94. 71
3. 0-4. 0	49. 90	116. 72	2. 93	6. 85	50. 0-51. 0	2. 80	1617. 25	0. 16	94. 88
4. 0-5. 0	61. 34	178. 06	3. 60	10. 45	51. 0-52. 0	2. 71	1619. 96	0. 16	95. 04
5. 0-6. 0	70. 65	248. 71	4. 14	14. 59	52. 0-53. 0	2. 62	1622. 58	0. 15	95. 19
6. 0-7. 0	77. 61	326. 32	4. 55	19. 14	53. 0-54. 0	2. 55	1625. 13	0. 15	95. 34
7. 0-8. 0	82. 09	408. 41	4. 82	23. 96	54. 0-55. 0	2. 49	1627. 62	0. 15	95. 48
8. 0-9. 0	84. 19	492. 60	4. 94	28. 90	55. 0-56. 0	2. 42	1630. 04	0. 14	95. 63
9. 0-10. 0	84. 20	576. 79	4. 94	33. 84	56. 0-57. 0	2. 36	1632. 40	0. 14	95. 76
10. 0-11. 0	82. 42	659. 22	4. 84	38. 67	57. 0-58. 0	2. 30	1634. 69	0. 13	95. 90
11. 0-12. 0	79. 22	738. 43	4. 65	43. 32	58. 0-59. 0	2. 24	1636. 93	0. 13	96. 03
12. 0-13. 0	74. 98	813. 41	4. 40	47. 72	59. 0-60. 0	2. 18	1639. 10	0. 13	96. 16
13. 0-14. 0	70. 12	883. 53	4. 11	51. 83	60. 0-61. 0	2. 11	1641. 22	0. 12	96. 28
14. 0-15. 0	65. 00	948. 53	3. 81	55. 65	61. 0-62. 0	2. 05	1643. 26	0. 12	96. 40
15. 0-16. 0	59. 98	1008. 52	3. 52	59. 16	62. 0-63. 0	1. 98	1645. 24	0. 12	96. 52
16. 0-17. 0	55. 31	1063. 83	3. 25	62. 41	63. 0-64. 0	1. 91	1647. 16	0. 11	96. 63
17. 0-18. 0	51. 04	1114. 87	2. 99	65. 40	64. 0-65. 0	1. 85	1649. 00	0. 11	96. 74
18. 0-19. 0	47. 11	1161. 98	2. 76	68. 17	65. 0-66. 0	1. 77	1650. 78	0. 10	96. 84
19. 0-20. 0	43. 52	1205. 50	2. 55	70. 72	66. 0-67. 0	1. 70	1652. 48	0. 10	96. 94
20. 0-21. 0	40. 21	1245. 71	2. 36	73. 08	67. 0-68. 0	1. 63	1654. 10	0. 10	97. 04
21. 0-22. 0	37. 08	1282. 80	2. 18	75. 26	68. 0-69. 0	1. 56	1655. 66	0. 09	97. 13
22. 0-23. 0	34. 09	1316. 89	2. 00	77. 26	69. 0-70. 0	1. 49	1657. 15	0. 09	97. 22
23. 0-24. 0	31. 21	1348. 10	1. 83	79. 09	70. 0-71. 0	1. 42	1658. 57	0. 08	97. 30
24. 0-25. 0	28. 45	1376. 55	1. 67	80. 76	71. 0-72. 0	1. 36	1659. 93	0. 08	97. 38
25. 0-26. 0	25. 85	1402. 40	1. 52	82. 27	72. 0-73. 0	1. 30	1661. 23	0. 08	97. 46
26. 0-27. 0	23. 41	1425. 80	1. 37	83. 64	73. 0-74. 0	1. 24	1662. 47	0. 07	97. 53
27. 0-28. 0	21. 09	1446. 89	1. 24	84. 88	74. 0-75. 0	1. 18	1663. 65	0. 07	97. 60
28. 0-29. 0	18. 91	1465. 80	1. 11	85. 99	75. 0-76. 0	1. 12	1664. 76	0. 07	97. 66
29. 0-30. 0	16. 89	1482. 69	0. 99	86. 98	76. 0-77. 0	1. 06	1665. 83	0. 06	97. 73
30. 0-31. 0	15. 05	1497. 74	0. 88	87. 87	77. 0-78. 0	1. 01	1666. 84	0. 06	97. 79
31. 0-32. 0	13. 38	1511. 12	0. 78	88. 65	78. 0-79. 0	0. 95	1667. 79	0. 06	97. 84
32. 0-33. 0	11. 88	1523. 00	0. 70	89. 35	79. 0-80. 0	0. 90	1668. 69	0. 05	97. 89
33. 0-34. 0	10. 55	1533. 54	0. 62	89. 97	80. 0-81. 0	0. 85	1669. 54	0. 05	97. 94
34. 0-35. 0	9. 39	1542. 93	0. 55	90. 52	81. 0-82. 0	0. 80	1670. 35	0. 05	97. 99
35. 0-36. 0	8. 37	1551. 31	0. 49	91. 01	82. 0-83. 0	0. 75	1671. 10	0. 04	98. 04
36. 0-37. 0	7. 51	1558. 81	0. 44	91. 45	83. 0-84. 0	0. 71	1671. 81	0. 04	98. 08
37. 0-38. 0	6. 74	1565. 55	0. 40	91. 84	84. 0-85. 0	0. 66	1672. 47	0. 04	98. 12
38. 0-39. 0	6. 06	1571. 61	0. 36	92. 20	85. 0-86. 0	0. 61	1673. 08	0. 04	98. 15
39. 0-40. 0	5. 47	1577. 08	0. 32	92. 52	86. 0-87. 0	0. 58	1673. 66	0. 03	98. 19
40. 0-41. 0	4. 97	1582. 05	0. 29	92. 81	87. 0-88. 0	0. 53	1674. 19	0. 03	98. 22
41. 0-42. 0	4. 55	1586. 60	0. 27	93. 08	88. 0-89. 0	0. 50	1674. 69	0. 03	98. 25
42. 0-43. 0	4. 21	1590. 81	0. 25	93. 33	89. 0-90. 0	0. 46	1675. 15	0. 03	98. 27
43. 0-44. 0	3. 94	1594. 75	0. 23	93. 56	90. 0-91. 0	0. 44	1675. 59	0. 03	98. 30
44. 0-45. 0	3. 72	1598. 47	0. 22	93. 77	91. 0-92. 0	0. 42	1676. 00	0. 02	98. 32
45. 0-46. 0	3. 52	1601. 99	0. 21	93. 98	92. 0-93. 0	0. 40	1676. 40	0. 02	98. 35
46. 0-47. 0	3. 35	1605. 34	0. 20	94. 18	93. 0-94. 0	0. 38	1676. 78	0. 02	98. 37

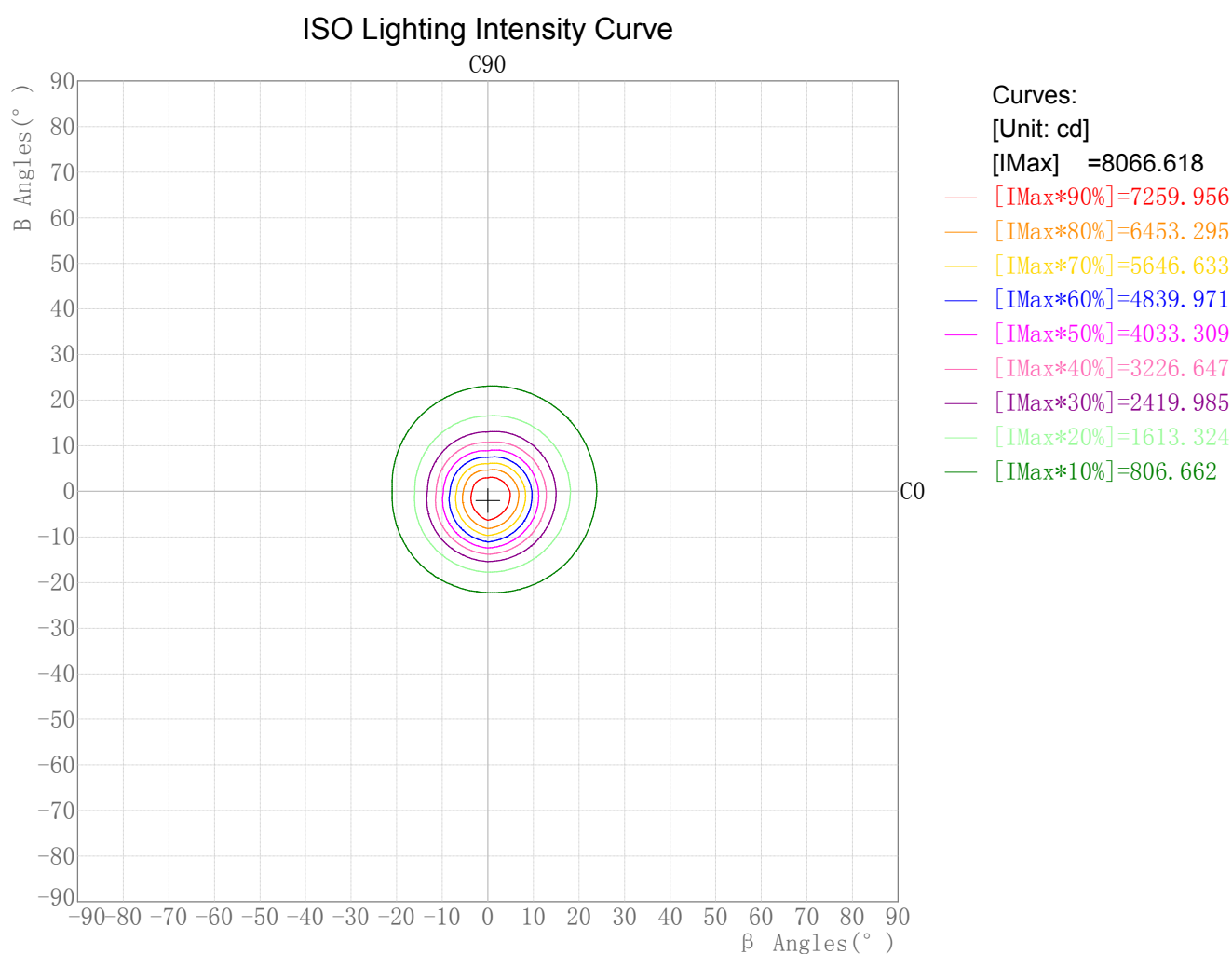
Photometric Filename:TR04-25-XX-01 2700K RA90 18D.IES

Zone(γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.37	1677.15	0.02	98.39	141.0-142.0	0.48	1690.41	0.03	99.17
95.0-96.0	0.36	1677.51	0.02	98.41	142.0-143.0	0.49	1690.90	0.03	99.20
96.0-97.0	0.34	1677.85	0.02	98.43	143.0-144.0	0.51	1691.41	0.03	99.23
97.0-98.0	0.33	1678.18	0.02	98.45	144.0-145.0	0.53	1691.94	0.03	99.26
98.0-99.0	0.32	1678.50	0.02	98.47	145.0-146.0	0.54	1692.48	0.03	99.29
99.0-100.0	0.31	1678.81	0.02	98.49	146.0-147.0	0.55	1693.03	0.03	99.32
100.0-101.0	0.30	1679.11	0.02	98.51	147.0-148.0	0.56	1693.58	0.03	99.35
101.0-102.0	0.29	1679.40	0.02	98.52	148.0-149.0	0.56	1694.14	0.03	99.39
102.0-103.0	0.28	1679.69	0.02	98.54	149.0-150.0	0.56	1694.71	0.03	99.42
103.0-104.0	0.27	1679.96	0.02	98.56	150.0-151.0	0.56	1695.27	0.03	99.45
104.0-105.0	0.27	1680.23	0.02	98.57	151.0-152.0	0.56	1695.83	0.03	99.49
105.0-106.0	0.27	1680.50	0.02	98.59	152.0-153.0	0.55	1696.38	0.03	99.52
106.0-107.0	0.26	1680.76	0.02	98.60	153.0-154.0	0.55	1696.93	0.03	99.55
107.0-108.0	0.25	1681.01	0.01	98.62	154.0-155.0	0.54	1697.46	0.03	99.58
108.0-109.0	0.25	1681.26	0.01	98.63	155.0-156.0	0.52	1697.99	0.03	99.61
109.0-110.0	0.25	1681.51	0.01	98.65	156.0-157.0	0.51	1698.50	0.03	99.64
110.0-111.0	0.24	1681.75	0.01	98.66	157.0-158.0	0.50	1699.00	0.03	99.67
111.0-112.0	0.24	1681.99	0.01	98.67	158.0-159.0	0.48	1699.48	0.03	99.70
112.0-113.0	0.23	1682.22	0.01	98.69	159.0-160.0	0.46	1699.94	0.03	99.73
113.0-114.0	0.23	1682.44	0.01	98.70	160.0-161.0	0.44	1700.38	0.03	99.75
114.0-115.0	0.22	1682.66	0.01	98.71	161.0-162.0	0.43	1700.81	0.02	99.78
115.0-116.0	0.22	1682.88	0.01	98.73	162.0-163.0	0.41	1701.22	0.02	99.80
116.0-117.0	0.21	1683.10	0.01	98.74	163.0-164.0	0.39	1701.60	0.02	99.82
117.0-118.0	0.21	1683.31	0.01	98.75	164.0-165.0	0.36	1701.97	0.02	99.85
118.0-119.0	0.21	1683.52	0.01	98.76	165.0-166.0	0.34	1702.31	0.02	99.87
119.0-120.0	0.21	1683.72	0.01	98.78	166.0-167.0	0.32	1702.62	0.02	99.88
120.0-121.0	0.21	1683.93	0.01	98.79	167.0-168.0	0.29	1702.92	0.02	99.90
121.0-122.0	0.21	1684.14	0.01	98.80	168.0-169.0	0.27	1703.19	0.02	99.92
122.0-123.0	0.21	1684.35	0.01	98.81	169.0-170.0	0.25	1703.44	0.01	99.93
123.0-124.0	0.21	1684.57	0.01	98.83	170.0-171.0	0.22	1703.66	0.01	99.95
124.0-125.0	0.22	1684.79	0.01	98.84	171.0-172.0	0.20	1703.86	0.01	99.96
125.0-126.0	0.22	1685.01	0.01	98.85	172.0-173.0	0.17	1704.03	0.01	99.97
126.0-127.0	0.23	1685.24	0.01	98.86	173.0-174.0	0.15	1704.18	0.01	99.98
127.0-128.0	0.24	1685.47	0.01	98.88	174.0-175.0	0.13	1704.31	0.01	99.98
128.0-129.0	0.25	1685.72	0.01	98.89					

Photometric Filename:TR04-25-XX-01 2700K RA90 18D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: TR04-25-XX-01 2700K RA90 18D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/12



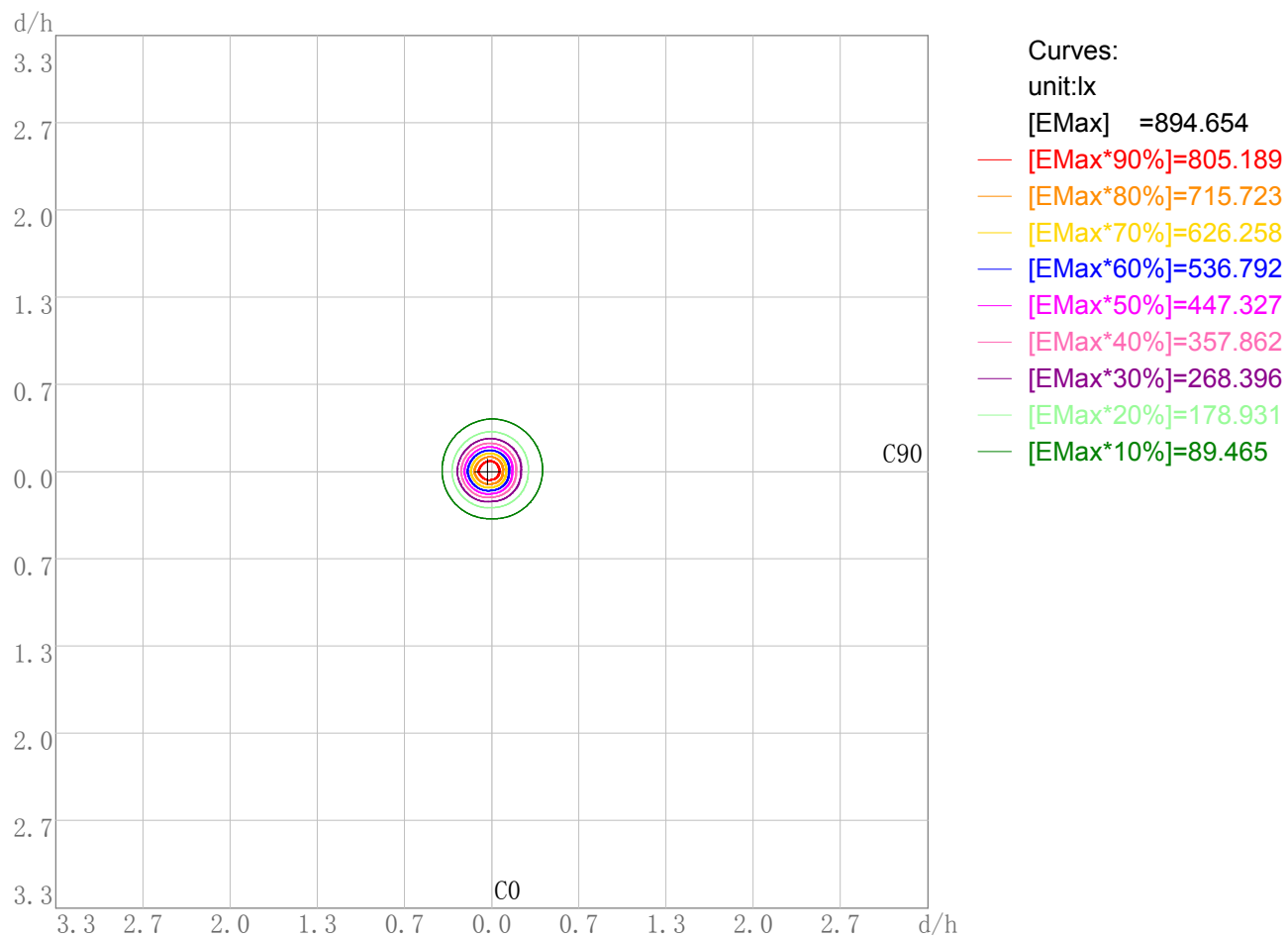
Maximum Light Intensity(cd): 8066.62

Maximum Cand.@Angle: H=-0.0°,V=-2.0°

Plane ISO-Illuminance Diagram

Lum. Name:TR04-25-XX-01 2700K RA90 18D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/12

Plane ISO-Illuminance Curve

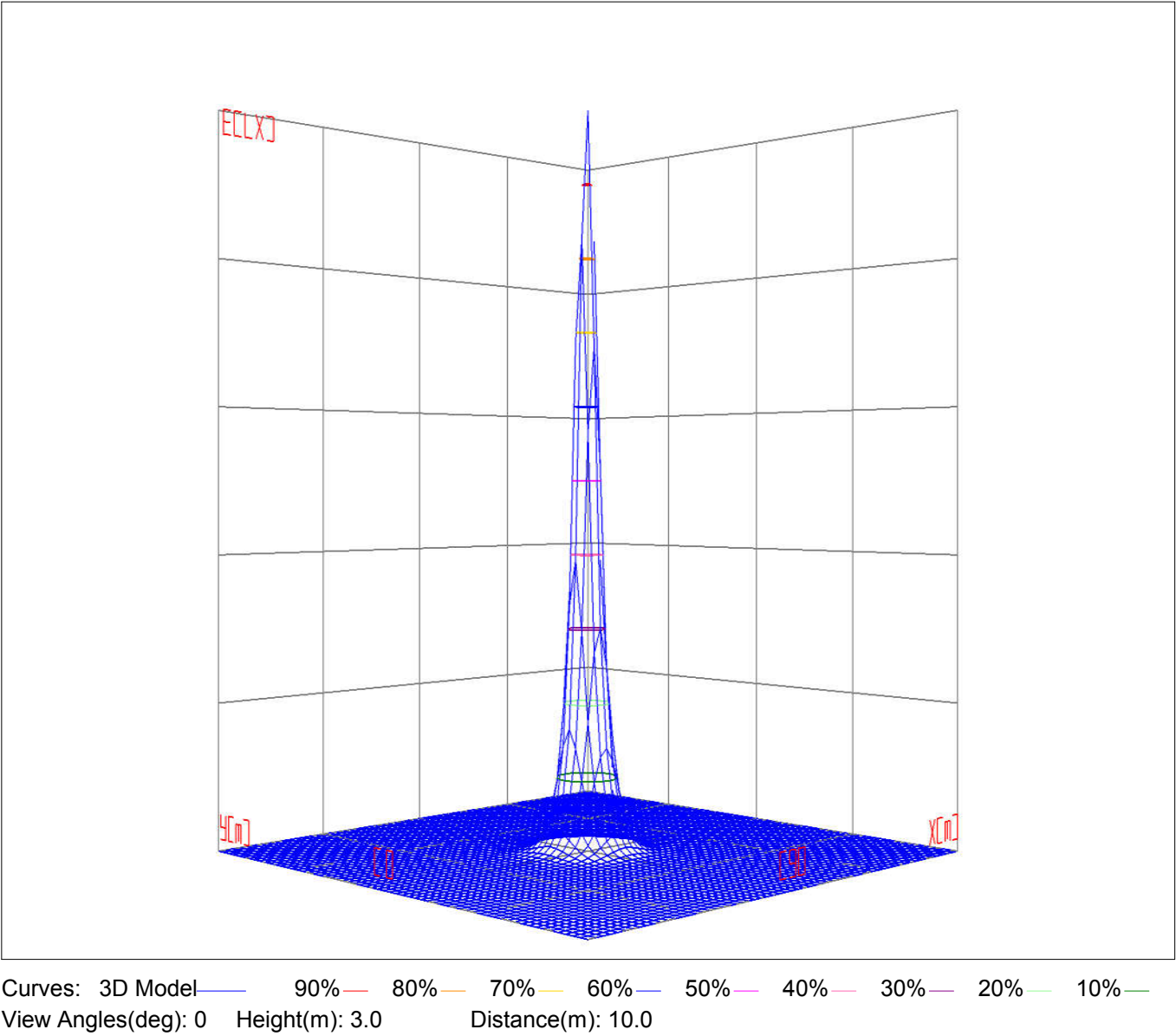


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 894.65
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name:TR04-25-XX-01 2700K RA90 18D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/12

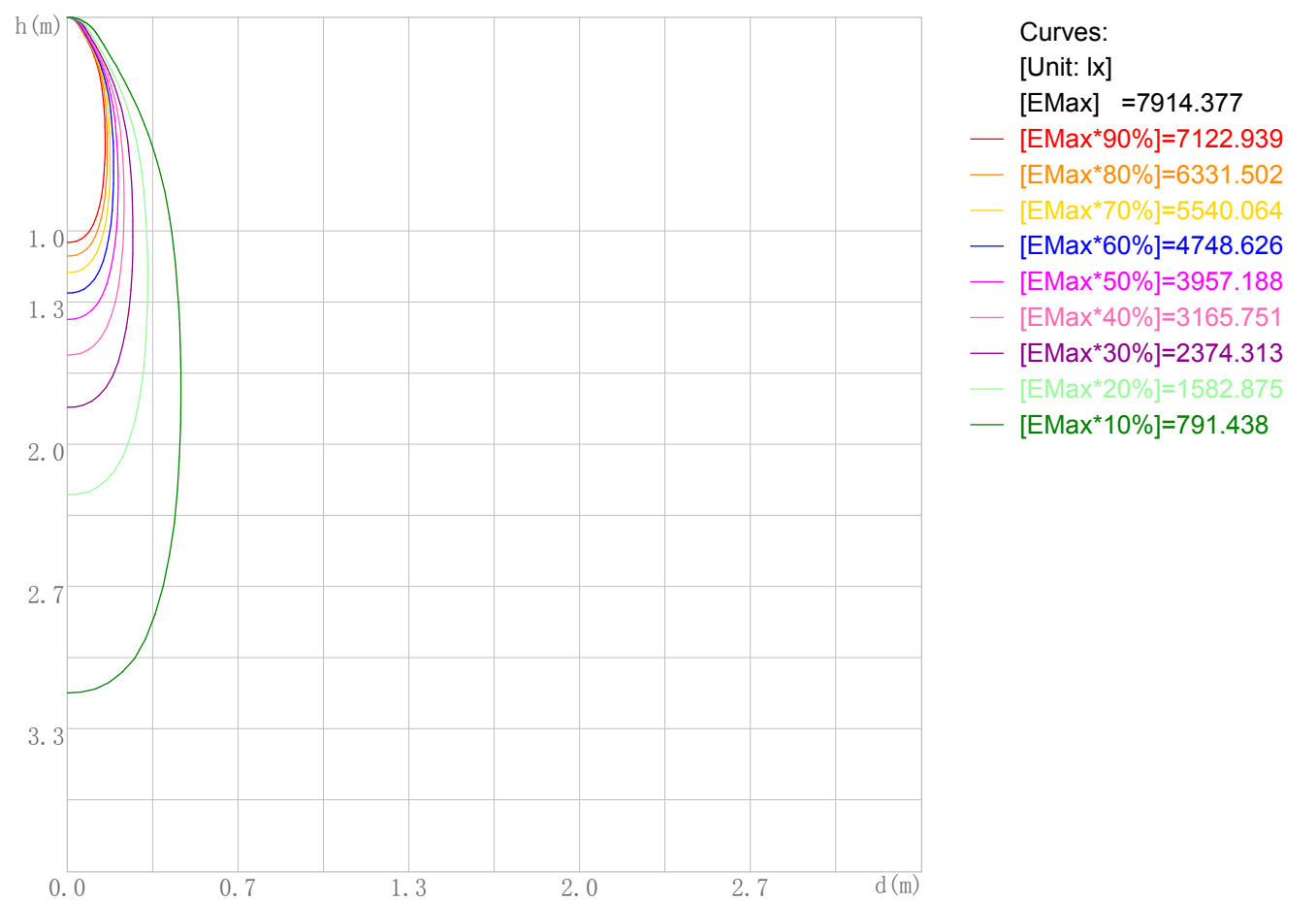
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:TR04-25-XX-01 2700K RA90 18D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/12

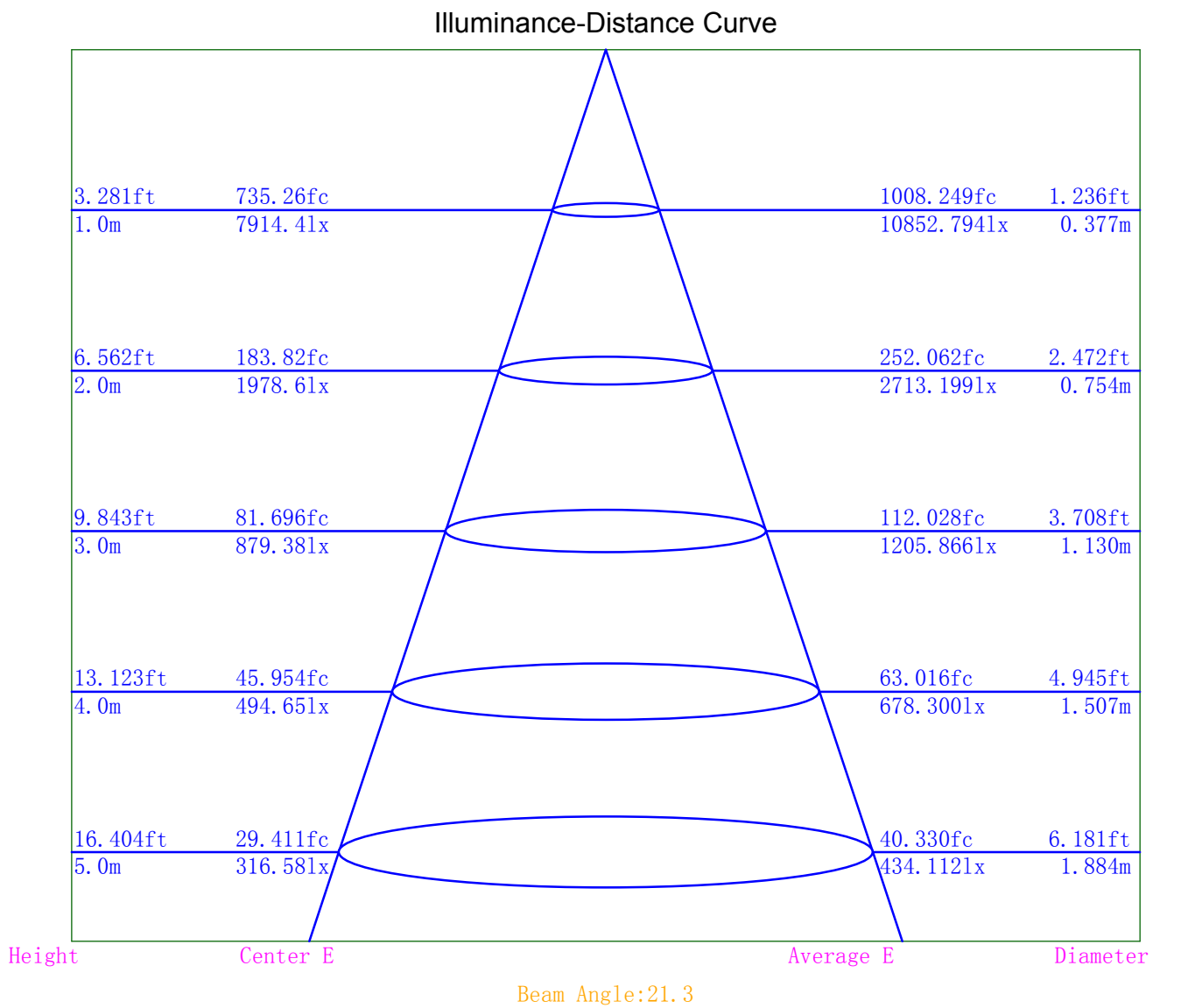
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:7914.38lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:7914.377cd,0eg

Illuminance-Distance Diagram

Lum. Name:TR04-25-XX-01 2700K RA90 18D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/12



Indoor Luminance Limiting Curves

Lum. Name: TR04-25-XX-01 2700K RA90 18D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/12

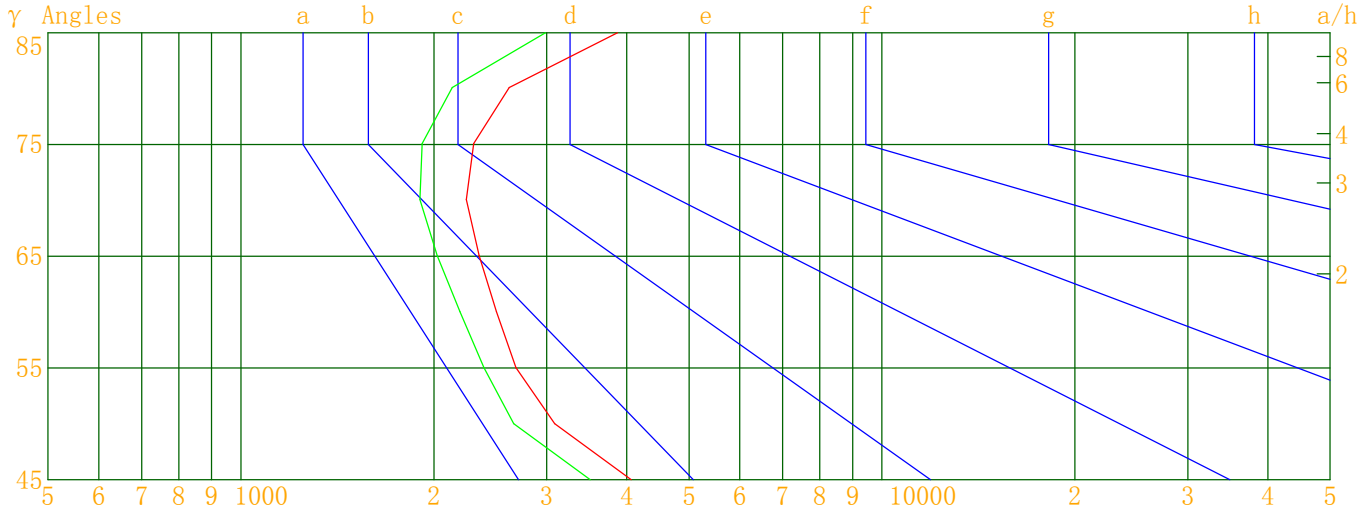
Glare Grade Table

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	4061	3087	2687	2503	2354	2248	2308	2622	3865
C90	3506	2663	2394	2195	2024	1903	1917	2138	2987

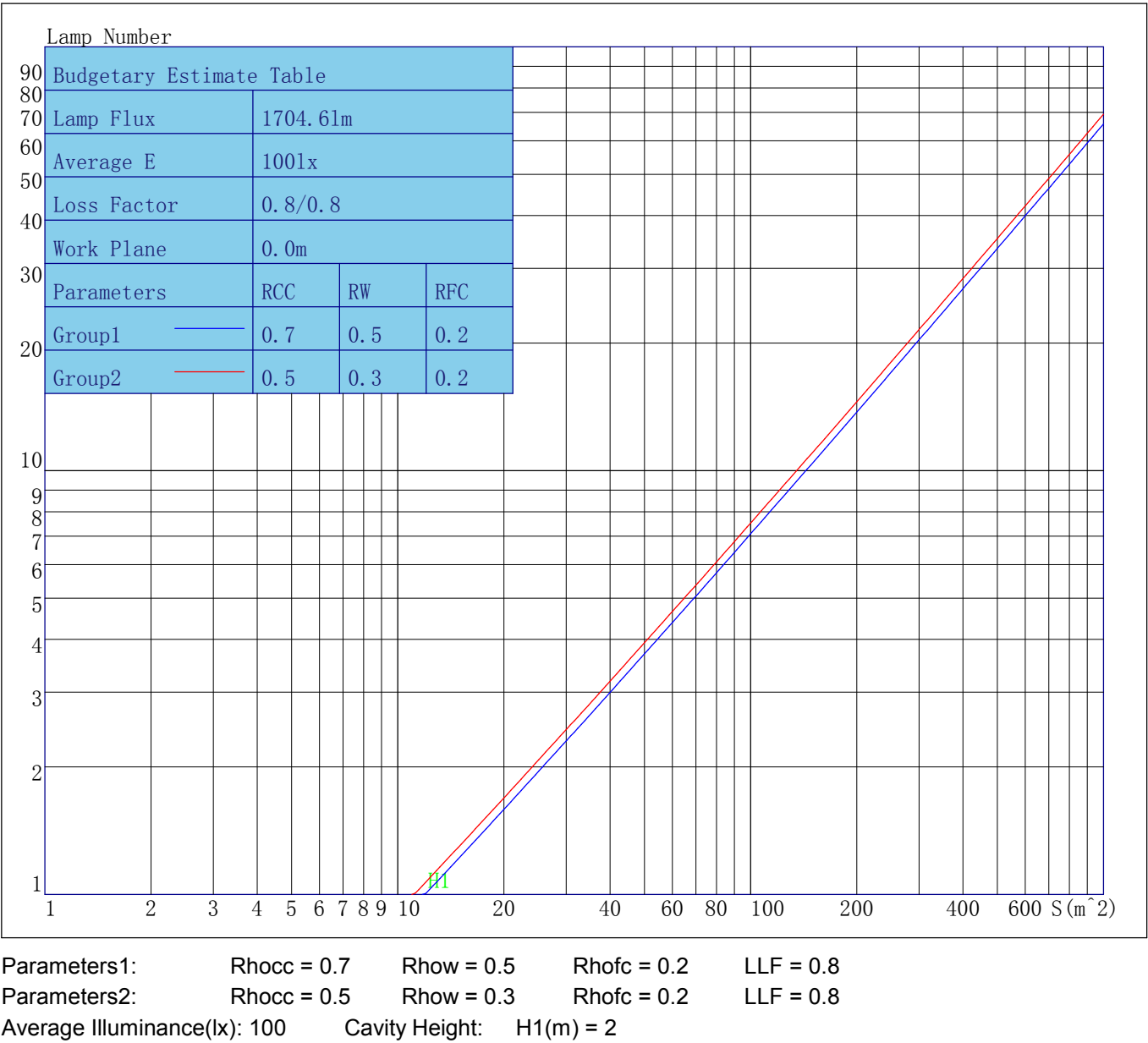
Luminance Limiting Curve



Luminous Size: Length(m)=0.060 Width(m)=0.060 Height(m)=0.250 Area(m^2)=0.018600
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name:TR04-25-XX-01 2700K RA90 18D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/12



Indoor Coefficient of Utilization Table

Lum. Name:TR04-25-XX-01 2700K RA90 18D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/12

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	114	112	109	107	111	109	107	106	105	103	102	101	100	99	97	96	96	94
2	110	105	102	99	107	104	101	98	100	98	96	97	95	93	94	93	91	90
3	106	100	96	93	104	99	95	92	96	93	90	93	91	89	91	89	87	86
4	102	96	91	88	100	95	91	87	92	89	86	90	87	85	88	86	84	83
5	98	92	87	84	97	91	87	83	89	85	83	87	84	82	86	83	81	80
6	95	88	84	80	94	87	83	80	86	82	79	84	81	79	83	80	78	77
7	92	85	80	77	91	84	80	77	83	79	76	82	79	76	81	78	76	74
8	89	82	78	75	88	82	77	74	80	77	74	79	76	74	78	75	73	72
9	87	80	75	72	86	79	75	72	78	74	72	77	74	71	76	73	71	70
10	84	77	73	70	84	77	73	70	76	72	70	75	72	69	74	71	69	68

Unified Glare Rating Table

Lum. Name: TR04-25-XX-01 2700K RA90 18D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/12

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	10.5	11.5	10.9	11.9	12.3	9.9	10.9	10.3	11.3	11.6
	11.2	12.1	11.7	12.5	12.9	10.6	11.4	11.0	11.8	12.2
	11.6	12.5	12.1	12.9	13.3	10.9	11.7	11.3	12.1	12.6
	12.1	12.9	12.5	13.3	13.7	11.3	12.0	11.7	12.4	12.9
	12.3	13.1	12.8	13.5	13.9	11.5	12.2	11.9	12.6	13.1
	12.6	13.3	13.1	13.7	14.2	11.7	12.4	12.2	12.8	13.3
X=4H Y=2H	10.7	11.5	11.1	11.9	12.3	10.1	10.9	10.5	11.3	11.8
	11.6	12.3	12.1	12.8	13.2	10.9	11.6	11.4	12.1	12.5
	12.2	12.8	12.6	13.3	13.8	11.4	12.1	11.9	12.5	13.0
	12.8	13.4	13.3	13.9	14.4	12.0	12.5	12.5	13.0	13.5
	13.2	13.7	13.7	14.2	14.7	12.3	12.8	12.8	13.3	13.8
	13.6	14.0	14.1	14.5	15.1	12.6	13.1	13.1	13.6	14.1
X=8H Y=4H	12.4	12.9	12.9	13.4	13.9	11.6	12.1	12.1	12.6	13.1
	13.2	13.6	13.7	14.2	14.7	12.4	12.8	12.9	13.3	13.9
	13.7	14.1	14.2	14.6	15.2	12.8	13.2	13.3	13.7	14.2
	14.3	14.6	14.8	15.1	15.8	13.3	13.6	13.8	14.1	14.8
X=12H Y=4H	12.4	12.8	12.9	13.3	13.9	11.6	12.1	12.2	12.6	13.1
	13.3	13.7	13.8	14.2	14.7	12.4	12.8	13.0	13.3	13.9
	13.8	14.2	14.4	14.7	15.3	12.9	13.3	13.5	13.8	14.4
Variations with the objerver position at spacings										
S=1.0H	0.2/-0.2					0.3/-0.3				
S=1.5H	0.4/-0.4					0.4/-0.5				
S=2.0H	0.5/-0.5					0.6/-0.6				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.6					2.4				

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

IES Indoor Report

Photometric Filename:TR04-25-XX-01 2700K RA90 18D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	7914.38	7914.38	7914.38	7914.38
γ 1.0	7898.06	7803.56	7807.87	8051.93
γ 2.0	7837.64	7567.99	7649.64	8066.62
γ 3.0	7704.61	7248.54	7411.79	8004.50
γ 4.0	7495.05	6814.72	7080.73	7867.40
γ 5.0	7209.27	6264.24	6637.28	7665.87
γ 6.0	6811.04	5671.60	6131.51	7386.24
γ 7.0	6318.91	5083.07	5583.78	7027.78
γ 8.0	5780.48	4512.76	5016.70	6557.09
γ 9.0	5212.30	3984.67	4451.95	6034.54
γ 10.0	4643.27	3512.54	3897.44	5479.14
γ 11.0	4090.82	3101.89	3375.56	4895.09
γ 12.0	3583.20	2740.79	2907.53	4291.27
γ 13.0	3131.51	2421.15	2505.66	3691.52
γ 14.0	2739.97	2146.71	2160.49	3114.74
γ 15.0	2403.22	1909.71	1866.86	2597.72
γ 16.0	2111.63	1706.70	1615.60	2163.01
γ 17.0	1856.56	1531.93	1401.21	1821.32
γ 18.0	1635.92	1379.26	1218.80	1537.31
γ 19.0	1447.03	1244.89	1061.14	1307.01
γ 20.0	1285.08	1123.12	924.88	1118.79
γ 21.0	1142.65	1011.85	805.73	963.75
γ 22.0	1015.95	909.06	700.73	831.81
γ 23.0	901.39	814.40	608.94	716.72
γ 24.0	798.28	726.13	528.53	615.55
γ 25.0	705.42	646.19	457.50	527.54
γ 26.0	622.07	573.49	395.58	452.56
γ 27.0	546.16	508.45	340.99	387.44
γ 28.0	477.89	448.96	291.97	329.94
γ 29.0	418.17	393.71	249.76	280.37
γ 30.0	365.59	342.76	214.17	238.39
γ 31.0	317.60	295.77	184.33	204.01
γ 32.0	274.33	255.10	159.15	177.48
γ 33.0	235.40	219.08	138.11	154.13
γ 34.0	202.82	190.34	120.44	133.95
γ 35.0	174.19	165.19	105.17	116.90
γ 36.0	151.42	143.75	92.67	102.67
γ 37.0	132.39	124.64	82.26	90.65
γ 38.0	116.42	106.99	73.47	80.90
γ 39.0	102.87	90.92	65.96	72.93
γ 40.0	91.01	77.52	59.75	66.39
γ 41.0	80.38	67.48	54.40	61.07
γ 42.0	71.21	59.97	49.92	56.44
γ 43.0	63.87	54.37	46.34	52.49
γ 44.0	58.10	50.01	43.36	48.91
γ 45.0	53.41	46.12	40.97	45.97
γ 46.0	49.46	42.36	38.78	43.36

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	46.01	38.65	36.68	41.18
γ 48.0	42.75	35.65	34.50	39.28
γ 49.0	39.79	33.64	32.45	37.48
γ 50.0	36.91	31.84	30.97	35.73
γ 51.0	34.94	30.34	29.83	33.88
γ 52.0	33.08	28.99	28.80	32.38
γ 53.0	31.43	27.82	27.76	31.02
γ 54.0	30.03	26.60	26.91	30.02
γ 55.0	28.67	25.54	26.06	28.93
γ 56.0	27.43	24.42	25.30	27.85
γ 57.0	26.27	23.47	24.46	26.93
γ 58.0	25.21	22.46	23.74	26.09
γ 59.0	24.24	21.40	23.04	25.23
γ 60.0	23.28	20.42	22.13	24.44
γ 61.0	22.25	19.44	21.35	23.60
γ 62.0	21.20	18.55	20.57	22.90
γ 63.0	20.25	17.58	19.78	22.14
γ 64.0	19.39	16.63	18.86	21.41
γ 65.0	18.50	15.91	17.91	20.55
γ 66.0	17.53	15.01	17.15	19.64
γ 67.0	16.64	14.22	16.21	18.73
γ 68.0	15.81	13.51	15.47	17.87
γ 69.0	15.06	12.80	14.62	17.10
γ 70.0	14.30	12.10	13.85	16.23
γ 71.0	13.59	11.48	13.08	15.52
γ 72.0	12.96	10.91	12.39	14.67
γ 73.0	12.31	10.36	11.73	14.00
γ 74.0	11.68	9.79	11.06	13.23
γ 75.0	11.11	9.23	10.40	12.50
γ 76.0	10.51	8.73	9.81	11.88
γ 77.0	10.04	8.30	9.23	11.27
γ 78.0	9.48	7.77	8.70	10.63
γ 79.0	8.98	7.30	8.19	10.03
γ 80.0	8.47	6.90	7.60	9.42
γ 81.0	7.99	6.50	7.09	8.98
γ 82.0	7.61	6.08	6.59	8.38
γ 83.0	7.14	5.69	6.09	7.92
γ 84.0	6.70	5.29	5.62	7.40
γ 85.0	6.26	4.84	5.25	6.87
γ 86.0	5.90	4.61	4.84	6.42
γ 87.0	5.64	4.32	4.46	5.93
γ 88.0	5.20	3.92	4.00	5.54
γ 89.0	4.81	3.88	3.67	5.10
γ 90.0	4.43	3.67	3.53	4.66
γ 91.0	4.32	3.70	3.34	4.20
γ 92.0	4.11	3.47	3.19	4.02
γ 93.0	3.97	3.35	3.02	3.81

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	3.84	3.32	2.94	3.69
γ 95.0	3.78	3.19	2.82	3.53
γ 96.0	3.59	3.13	2.64	3.36
γ 97.0	3.61	3.02	2.55	3.26
γ 98.0	3.53	2.94	2.53	3.10
γ 99.0	3.43	2.91	2.37	2.97
γ 100.0	3.24	2.83	2.29	2.78
γ 101.0	3.21	2.77	2.24	2.68
γ 102.0	3.17	2.72	2.16	2.77
γ 103.0	3.05	2.66	2.06	2.60
γ 104.0	2.98	2.64	2.11	2.48
γ 105.0	2.97	2.65	2.13	2.48
γ 106.0	2.95	2.47	2.10	2.45
γ 107.0	2.89	2.52	2.01	2.37
γ 108.0	2.85	2.49	2.05	2.31
γ 109.0	2.77	2.38	2.05	2.31
γ 110.0	2.77	2.32	2.07	2.34
γ 111.0	2.73	2.27	2.06	2.28
γ 112.0	2.60	2.14	2.10	2.34
γ 113.0	2.57	2.09	2.08	2.27
γ 114.0	2.50	2.07	2.06	2.37
γ 115.0	2.38	1.97	2.11	2.28
γ 116.0	2.35	1.88	2.23	2.38
γ 117.0	2.20	1.93	2.15	2.35
γ 118.0	2.26	1.89	2.24	2.33
γ 119.0	2.14	1.84	2.29	2.38
γ 120.0	2.07	1.89	2.37	2.46
γ 121.0	2.07	1.91	2.40	2.48
γ 122.0	2.06	1.97	2.45	2.49
γ 123.0	2.07	1.96	2.62	2.62
γ 124.0	2.06	2.00	2.66	2.75
γ 125.0	2.19	2.17	2.75	2.79
γ 126.0	2.11	2.14	2.94	2.86
γ 127.0	2.20	2.37	3.09	3.01
γ 128.0	2.31	2.47	3.22	3.22
γ 129.0	2.40	2.72	3.41	3.40
γ 130.0	2.65	2.87	3.66	3.50
γ 131.0	2.76	3.09	3.90	3.64
γ 132.0	2.96	3.37	4.16	3.91
γ 133.0	3.19	3.69	4.49	4.04
γ 134.0	3.43	3.95	4.88	4.40
γ 135.0	3.77	4.29	5.18	4.59
γ 136.0	4.02	4.62	5.58	4.94
γ 137.0	4.30	5.01	6.05	5.29
γ 138.0	4.65	5.43	6.41	5.58
γ 139.0	5.12	5.74	6.83	6.06
γ 140.0	5.40	6.18	7.27	6.45

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.88	6.59	7.64	6.85
γ 142.0	6.26	7.03	8.19	7.23
γ 143.0	6.72	7.48	8.57	7.78
γ 144.0	7.14	7.89	9.04	8.13
γ 145.0	7.57	8.30	9.34	8.55
γ 146.0	8.00	8.70	9.81	8.98
γ 147.0	8.38	9.08	10.21	9.35
γ 148.0	8.78	9.38	10.49	9.75
γ 149.0	9.24	9.77	10.80	10.07
γ 150.0	9.61	10.03	11.13	10.41
γ 151.0	9.86	10.27	11.32	10.65
γ 152.0	10.23	10.51	11.54	10.99
γ 153.0	10.49	10.72	11.68	11.32
γ 154.0	10.80	10.84	11.91	11.49
γ 155.0	11.02	11.12	12.02	11.66
γ 156.0	11.30	11.24	12.17	11.78
γ 157.0	11.45	11.40	12.35	12.02
γ 158.0	11.67	11.56	12.40	12.04
γ 159.0	11.74	11.71	12.43	12.07
γ 160.0	11.95	11.77	12.53	12.20
γ 161.0	12.00	11.85	12.56	12.32
γ 162.0	12.17	11.96	12.71	12.36
γ 163.0	12.23	12.09	12.68	12.44
γ 164.0	12.32	12.13	12.69	12.41
γ 165.0	12.34	12.17	12.68	12.33
γ 166.0	12.46	12.15	12.65	12.36
γ 167.0	12.46	12.16	12.66	12.35
γ 168.0	12.54	12.15	12.62	12.40
γ 169.0	12.51	12.16	12.54	12.36
γ 170.0	12.50	12.10	12.48	12.30
γ 171.0	12.39	12.12	12.34	12.10
γ 172.0	12.35	11.97	12.23	12.14
γ 173.0	12.19	11.89	12.19	12.10
γ 174.0	12.20	11.87	12.02	12.00
γ 175.0	12.14	11.92	12.03	11.96
γ 176.0	12.09	11.91	11.94	11.86
γ 177.0	12.01	11.89	11.88	11.89
γ 178.0	12.02	11.89	11.83	11.82
γ 179.0	11.99	12.02	11.93	11.79
γ 180.0	11.94	11.94	11.94	11.94