

IES Indoor Report

Photometric Filename:36W LED TROFFER LIGHT.IES

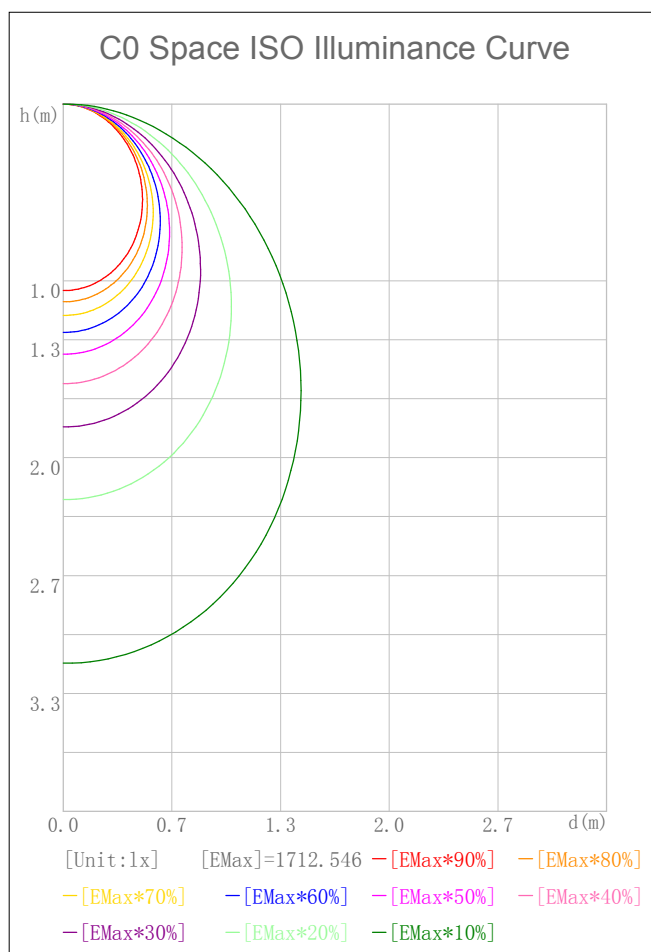
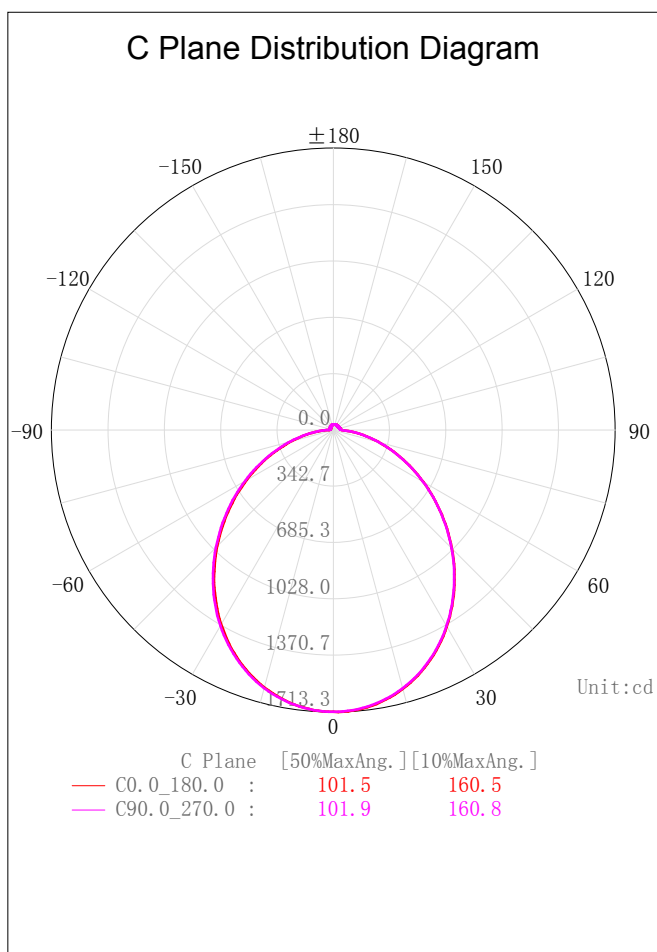
Indoor Luminaire Photometric Data

Description Information

Luminaire Name: 2X2 LED Panel Light		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2016/08/06
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H): 0.600m*0.600m*0.050m		Lum. Area (m2): 0.390	Lum. W(kg): 0.500
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity (%): 50.0

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 4800.000	Luminaire Flux(lm): 4608.614	Field Angle(10%Imax): 160.5(°)	
Rated Power(W):	Luminaire Efficiency: 96.01%	Down Lumens&Percent: 4417.966lm 95.86%	
Rated Voltage(V):	Luminaire EER(lm/W): 123.522	Up Lumens&Percent: 190.648lm 4.14%	
Tested Power(W): 37.310	Max. Candela(cd): 1713.329	S/MH: C0_a180=1.194 C90_270=1.196	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf): 220.2, 0.171, 0.989	Beam Angle(50%Imax): 101.5(°)	ErP Φ use(120°): 3529.259lm	
Lamp Size (W*L*H): 0.600m*0.600m*0.050m	Left=-50.3°, Right=51.2°	IRF (%): 117.625	

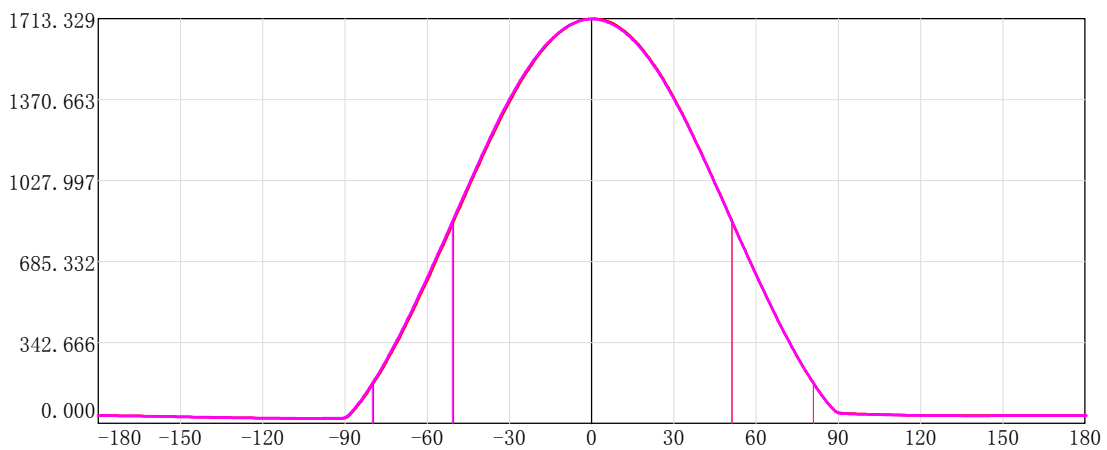
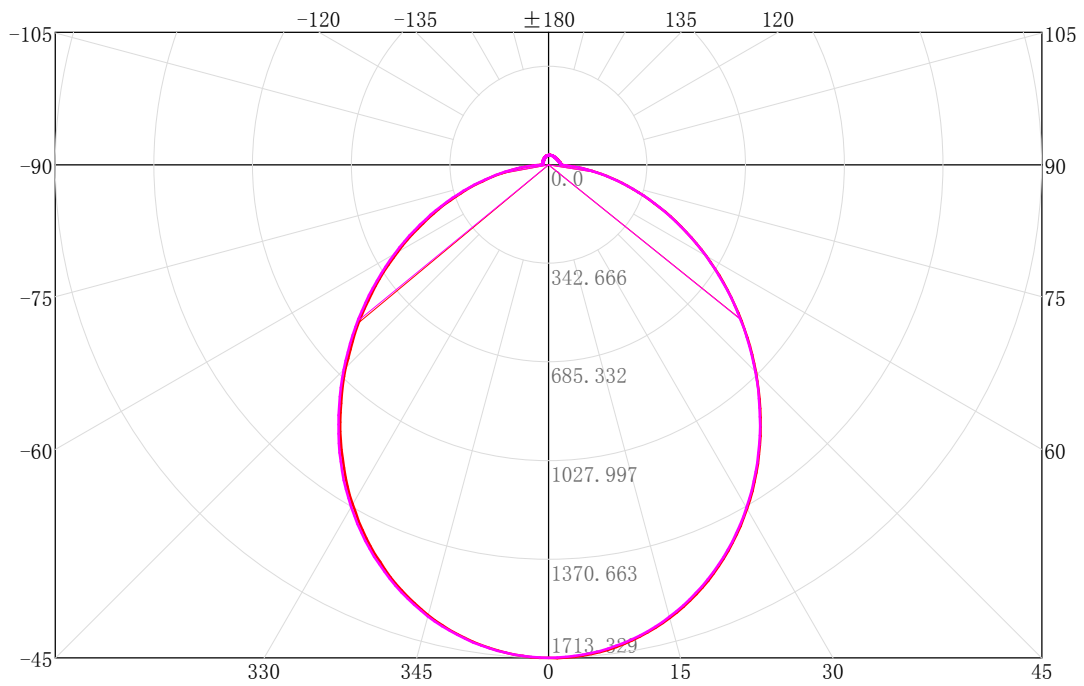


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2D Plane Light Intensity Distribution Curve

Lum. Name: 2' x2' 36W LED troffer light	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2016/08/06

C Plane Distribution Diagram



—	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C0.0_180.0 :	101.5	160.5	
—	C90.0_270.0 :	101.9	160.8	

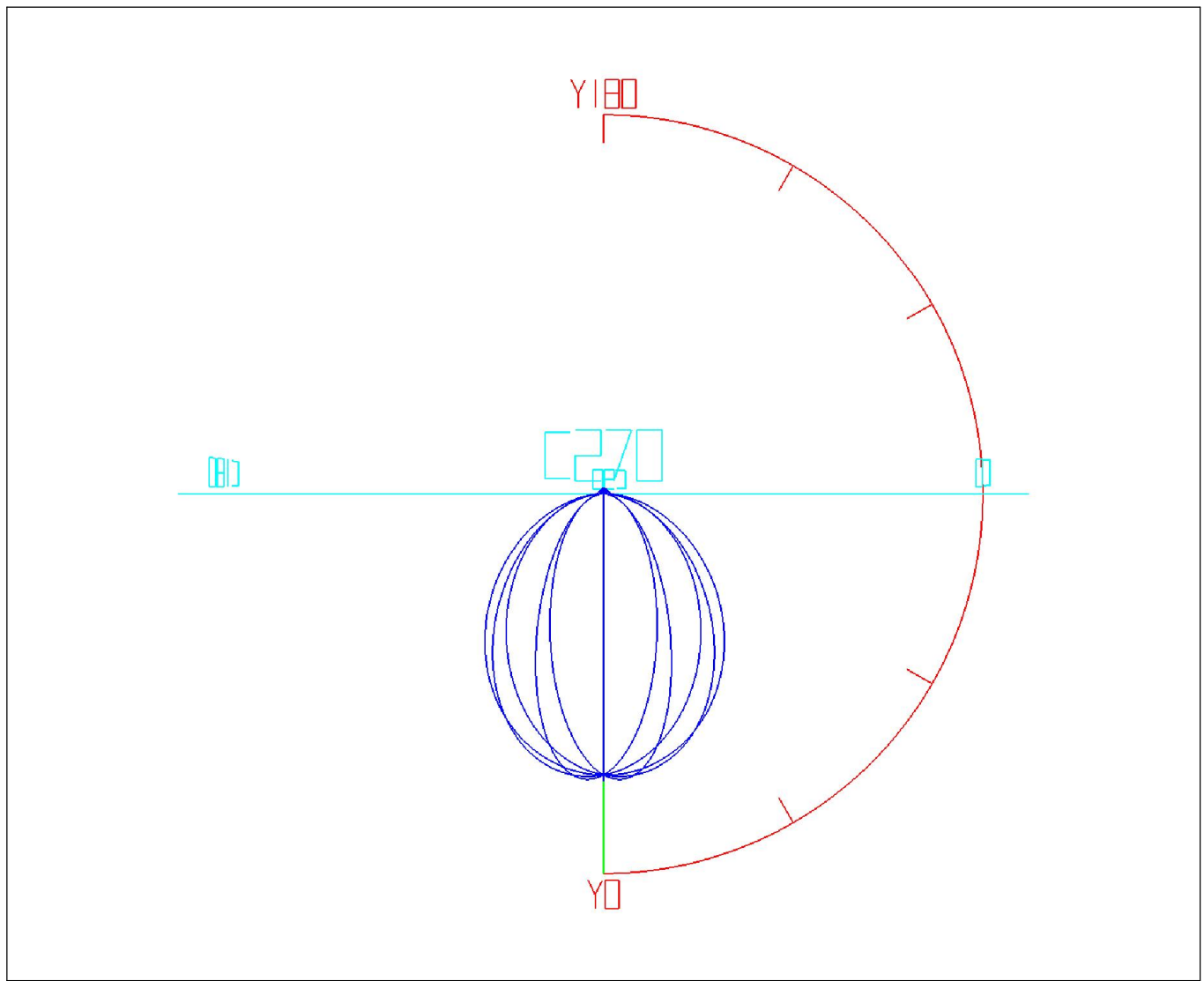
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3D Light Intensity Distribution Modal

Lum. Name: 2' x2' 36W LED troffer light	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2016/08/06

3D Light Intensity Distribution Modal



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

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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	1.64	1.64	0.03	0.03	47.0-48.0	76.24	2710.69	1.59	56.47
1.0-2.0	4.91	6.55	0.10	0.14	48.0-49.0	75.34	2786.03	1.57	58.04
2.0-3.0	8.18	14.73	0.17	0.31	49.0-50.0	74.34	2860.37	1.55	59.59
3.0-4.0	11.43	26.16	0.24	0.54	50.0-51.0	73.22	2933.59	1.53	61.12
4.0-5.0	14.66	40.82	0.31	0.85	51.0-52.0	71.99	3005.58	1.50	62.62
5.0-6.0	17.87	58.68	0.37	1.22	52.0-53.0	70.68	3076.26	1.47	64.09
6.0-7.0	21.04	79.73	0.44	1.66	53.0-54.0	69.32	3145.58	1.44	65.53
7.0-8.0	24.19	103.92	0.50	2.16	54.0-55.0	67.93	3213.50	1.42	66.95
8.0-9.0	27.29	131.20	0.57	2.73	55.0-56.0	66.46	3279.97	1.38	68.33
9.0-10.0	30.34	161.54	0.63	3.37	56.0-57.0	64.90	3344.87	1.35	69.68
10.0-11.0	33.34	194.88	0.69	4.06	57.0-58.0	63.24	3408.11	1.32	71.00
11.0-12.0	36.28	231.16	0.76	4.82	58.0-59.0	61.52	3469.63	1.28	72.28
12.0-13.0	39.17	270.33	0.82	5.63	59.0-60.0	59.77	3529.40	1.25	73.53
13.0-14.0	41.98	312.31	0.87	6.51	60.0-61.0	58.01	3587.42	1.21	74.74
14.0-15.0	44.73	357.04	0.93	7.44	61.0-62.0	56.21	3643.63	1.17	75.91
15.0-16.0	47.39	404.43	0.99	8.43	62.0-63.0	54.33	3697.97	1.13	77.04
16.0-17.0	49.98	454.41	1.04	9.47	63.0-64.0	52.38	3750.35	1.09	78.13
17.0-18.0	52.48	506.90	1.09	10.56	64.0-65.0	50.39	3800.74	1.05	79.18
18.0-19.0	54.90	561.80	1.14	11.70	65.0-66.0	48.39	3849.13	1.01	80.19
19.0-20.0	57.23	619.03	1.19	12.90	66.0-67.0	46.42	3895.55	0.97	81.16
20.0-21.0	59.45	678.48	1.24	14.13	67.0-68.0	44.42	3939.98	0.93	82.08
21.0-22.0	61.57	740.05	1.28	15.42	68.0-69.0	42.37	3982.35	0.88	82.97
22.0-23.0	63.59	803.64	1.32	16.74	69.0-70.0	40.28	4022.63	0.84	83.80
23.0-24.0	65.50	869.14	1.36	18.11	70.0-71.0	38.18	4060.81	0.80	84.60
24.0-25.0	67.32	936.46	1.40	19.51	71.0-72.0	36.10	4096.90	0.75	85.35
25.0-26.0	69.02	1005.48	1.44	20.95	72.0-73.0	34.06	4130.97	0.71	86.06
26.0-27.0	70.60	1076.07	1.47	22.42	73.0-74.0	32.04	4163.01	0.67	86.73
27.0-28.0	72.05	1148.12	1.50	23.92	74.0-75.0	29.98	4192.99	0.62	87.35
28.0-29.0	73.38	1221.50	1.53	25.45	75.0-76.0	27.91	4220.90	0.58	87.94
29.0-30.0	74.60	1296.10	1.55	27.00	76.0-77.0	25.86	4246.76	0.54	88.47
30.0-31.0	75.71	1371.81	1.58	28.58	77.0-78.0	23.85	4270.61	0.50	88.97
31.0-32.0	76.70	1448.51	1.60	30.18	78.0-79.0	21.92	4292.54	0.46	89.43
32.0-33.0	77.55	1526.06	1.62	31.79	79.0-80.0	20.03	4312.57	0.42	89.85
33.0-34.0	78.28	1604.33	1.63	33.42	80.0-81.0	18.14	4330.71	0.38	90.22
34.0-35.0	78.87	1683.20	1.64	35.07	81.0-82.0	16.27	4346.97	0.34	90.56
35.0-36.0	79.36	1762.57	1.65	36.72	82.0-83.0	14.43	4361.41	0.30	90.86
36.0-37.0	79.75	1842.32	1.66	38.38	83.0-84.0	12.67	4374.08	0.26	91.13
37.0-38.0	80.01	1922.33	1.67	40.05	84.0-85.0	11.00	4385.08	0.23	91.36
38.0-39.0	80.14	2002.47	1.67	41.72	85.0-86.0	9.39	4394.47	0.20	91.55
39.0-40.0	80.13	2082.60	1.67	43.39	86.0-87.0	7.83	4402.30	0.16	91.71
40.0-41.0	80.01	2162.60	1.67	45.05	87.0-88.0	6.36	4408.66	0.13	91.85
41.0-42.0	79.79	2242.40	1.66	46.72	88.0-89.0	5.10	4413.76	0.11	91.95
42.0-43.0	79.49	2321.89	1.66	48.37	89.0-90.0	4.20	4417.97	0.09	92.04
43.0-44.0	79.08	2400.96	1.65	50.02	90.0-91.0	3.74	4421.70	0.08	92.12
44.0-45.0	78.53	2479.50	1.64	51.66	91.0-92.0	3.60	4425.30	0.07	92.19
45.0-46.0	77.87	2557.36	1.62	53.28	92.0-93.0	3.55	4428.85	0.07	92.27
46.0-47.0	77.09	2634.45	1.61	54.88	93.0-94.0	3.52	4432.37	0.07	92.34

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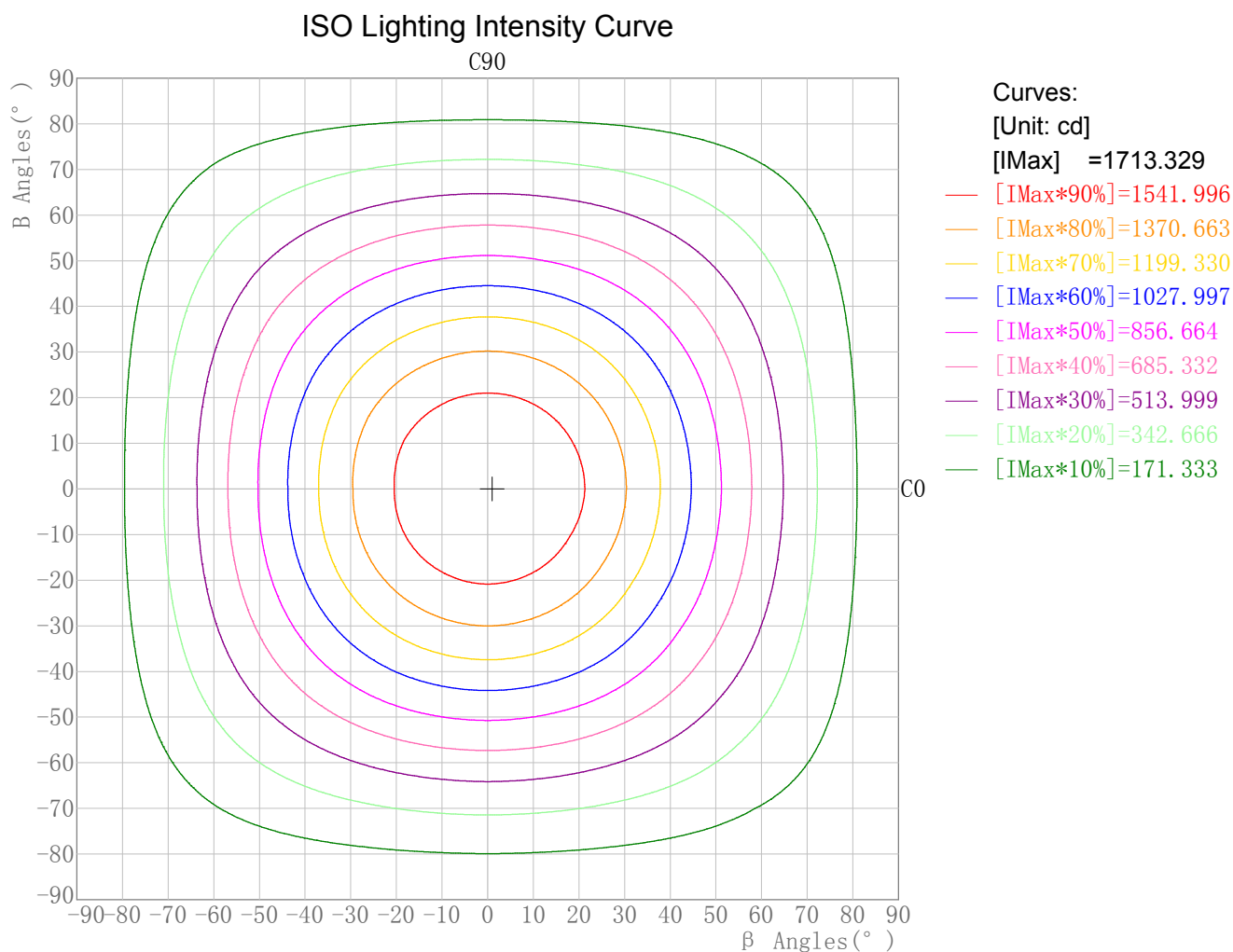
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Zonal Flux Tabulation - (Cont.)

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	3.48	4435.85	0.07	92.41	141.0-142.0	2.05	4566.45	0.04	95.13
95.0-96.0	3.45	4439.30	0.07	92.49	142.0-143.0	2.01	4568.46	0.04	95.18
96.0-97.0	3.42	4442.72	0.07	92.56	143.0-144.0	1.97	4570.44	0.04	95.22
97.0-98.0	3.39	4446.11	0.07	92.63	144.0-145.0	1.93	4572.37	0.04	95.26
98.0-99.0	3.36	4449.47	0.07	92.70	145.0-146.0	1.89	4574.26	0.04	95.30
99.0-100.0	3.33	4452.79	0.07	92.77	146.0-147.0	1.85	4576.11	0.04	95.34
100.0-101.0	3.30	4456.09	0.07	92.84	147.0-148.0	1.81	4577.92	0.04	95.37
101.0-102.0	3.27	4459.36	0.07	92.90	148.0-149.0	1.77	4579.69	0.04	95.41
102.0-103.0	3.24	4462.61	0.07	92.97	149.0-150.0	1.72	4581.41	0.04	95.45
103.0-104.0	3.21	4465.82	0.07	93.04	150.0-151.0	1.68	4583.09	0.03	95.48
104.0-105.0	3.19	4469.00	0.07	93.10	151.0-152.0	1.63	4584.72	0.03	95.52
105.0-106.0	3.16	4472.16	0.07	93.17	152.0-153.0	1.59	4586.31	0.03	95.55
106.0-107.0	3.13	4475.29	0.07	93.24	153.0-154.0	1.54	4587.85	0.03	95.58
107.0-108.0	3.10	4478.40	0.06	93.30	154.0-155.0	1.49	4589.35	0.03	95.61
108.0-109.0	3.07	4481.47	0.06	93.36	155.0-156.0	1.45	4590.79	0.03	95.64
109.0-110.0	3.05	4484.52	0.06	93.43	156.0-157.0	1.40	4592.19	0.03	95.67
110.0-111.0	3.02	4487.54	0.06	93.49	157.0-158.0	1.35	4593.54	0.03	95.70
111.0-112.0	2.99	4490.53	0.06	93.55	158.0-159.0	1.29	4594.83	0.03	95.73
112.0-113.0	2.96	4493.49	0.06	93.61	159.0-160.0	1.24	4596.07	0.03	95.75
113.0-114.0	2.93	4496.42	0.06	93.68	160.0-161.0	1.19	4597.26	0.02	95.78
114.0-115.0	2.91	4499.33	0.06	93.74	161.0-162.0	1.14	4598.40	0.02	95.80
115.0-116.0	2.88	4502.21	0.06	93.80	162.0-163.0	1.08	4599.48	0.02	95.82
116.0-117.0	2.85	4505.06	0.06	93.86	163.0-164.0	1.02	4600.50	0.02	95.84
117.0-118.0	2.82	4507.88	0.06	93.91	164.0-165.0	0.97	4601.47	0.02	95.86
118.0-119.0	2.79	4510.67	0.06	93.97	165.0-166.0	0.91	4602.37	0.02	95.88
119.0-120.0	2.76	4513.43	0.06	94.03	166.0-167.0	0.85	4603.22	0.02	95.90
120.0-121.0	2.74	4516.17	0.06	94.09	167.0-168.0	0.79	4604.01	0.02	95.92
121.0-122.0	2.71	4518.88	0.06	94.14	168.0-169.0	0.73	4604.74	0.02	95.93
122.0-123.0	2.68	4521.56	0.06	94.20	169.0-170.0	0.67	4605.41	0.01	95.95
123.0-124.0	2.65	4524.21	0.06	94.25	170.0-171.0	0.61	4606.01	0.01	95.96
124.0-125.0	2.62	4526.83	0.05	94.31	171.0-172.0	0.54	4606.55	0.01	95.97
125.0-126.0	2.59	4529.42	0.05	94.36	172.0-173.0	0.48	4607.04	0.01	95.98
126.0-127.0	2.56	4531.98	0.05	94.42	173.0-174.0	0.42	4607.45	0.01	95.99
127.0-128.0	2.53	4534.51	0.05	94.47	174.0-175.0	0.35	4607.81	0.01	96.00
128.0-129.0	2.50	4537.00	0.05	94.52	175.0-176.0	0.29	4608.10	0.01	96.00
129.0-130.0	2.47	4539.47	0.05	94.57	176.0-177.0	0.23	4608.32	0.00	96.01
130.0-131.0	2.44	4541.91	0.05	94.62	177.0-178.0	0.16	4608.48	0.00	96.01
131.0-132.0	2.40	4544.31	0.05	94.67	178.0-179.0	0.10	4608.58	0.00	96.01
132.0-133.0	2.37	4546.68	0.05	94.72	179.0-180.0	0.03	4608.61	0.00	96.01
133.0-134.0	2.34	4549.02	0.05	94.77					
134.0-135.0	2.30	4551.32	0.05	94.82					
135.0-136.0	2.27	4553.59	0.05	94.87					
136.0-137.0	2.23	4555.82	0.05	94.91					
137.0-138.0	2.20	4558.02	0.05	94.96					
138.0-139.0	2.16	4560.18	0.05	95.00					
139.0-140.0	2.13	4562.31	0.04	95.05					
140.0-141.0	2.09	4564.40	0.04	95.09					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: 2' x2' 36W LED troffer light	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2016/08/06



Maximum Light Intensity(cd): 1713.33
Maximum Cand.@Angle: H=1.0°,V=0.0°

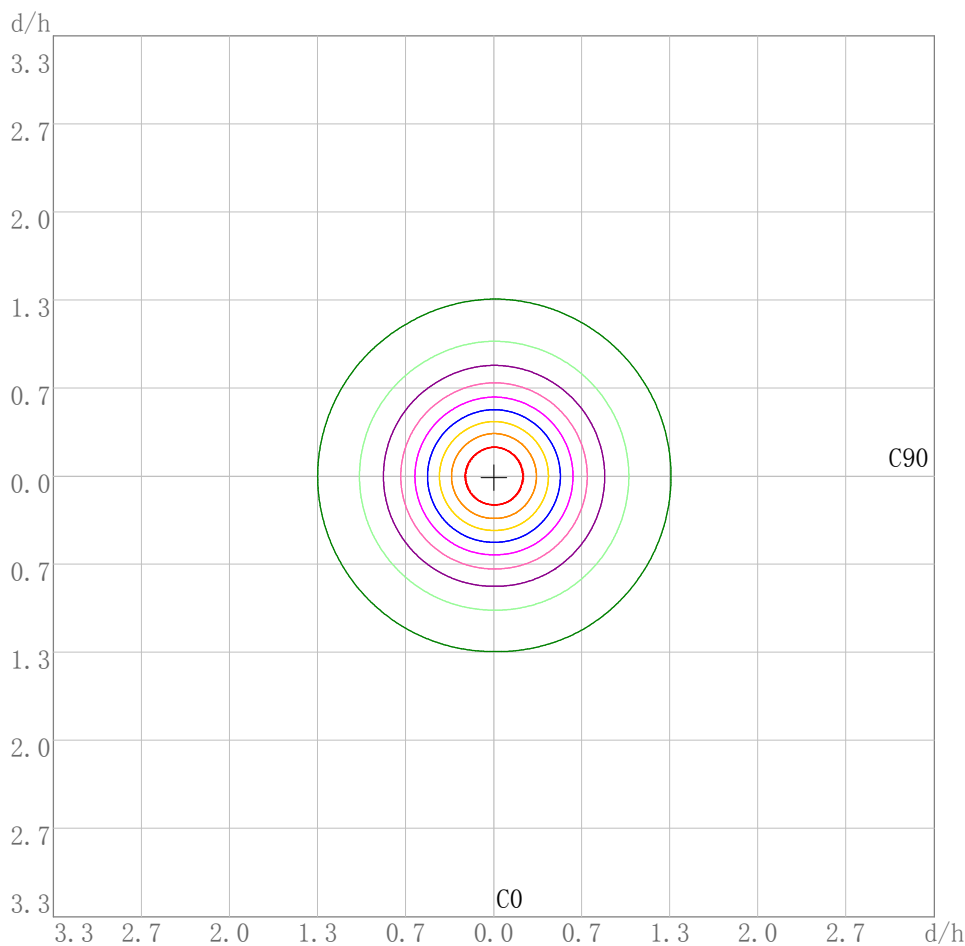
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Plane ISO-Illuminance Diagram

Lum. Name: 2' x2' 36W LED troffer light	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2016/08/06

Plane ISO-Illuminance Curve



- Curves:
unit:lx
[EMax] =190.289
- [EMax*90%]=171.260
 - [EMax*80%]=152.231
 - [EMax*70%]=133.202
 - [EMax*60%]=114.173
 - [EMax*50%]=95.144
 - [EMax*40%]=76.115
 - [EMax*30%]=57.087
 - [EMax*20%]=38.058
 - [EMax*10%]=19.029

Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 190.29
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

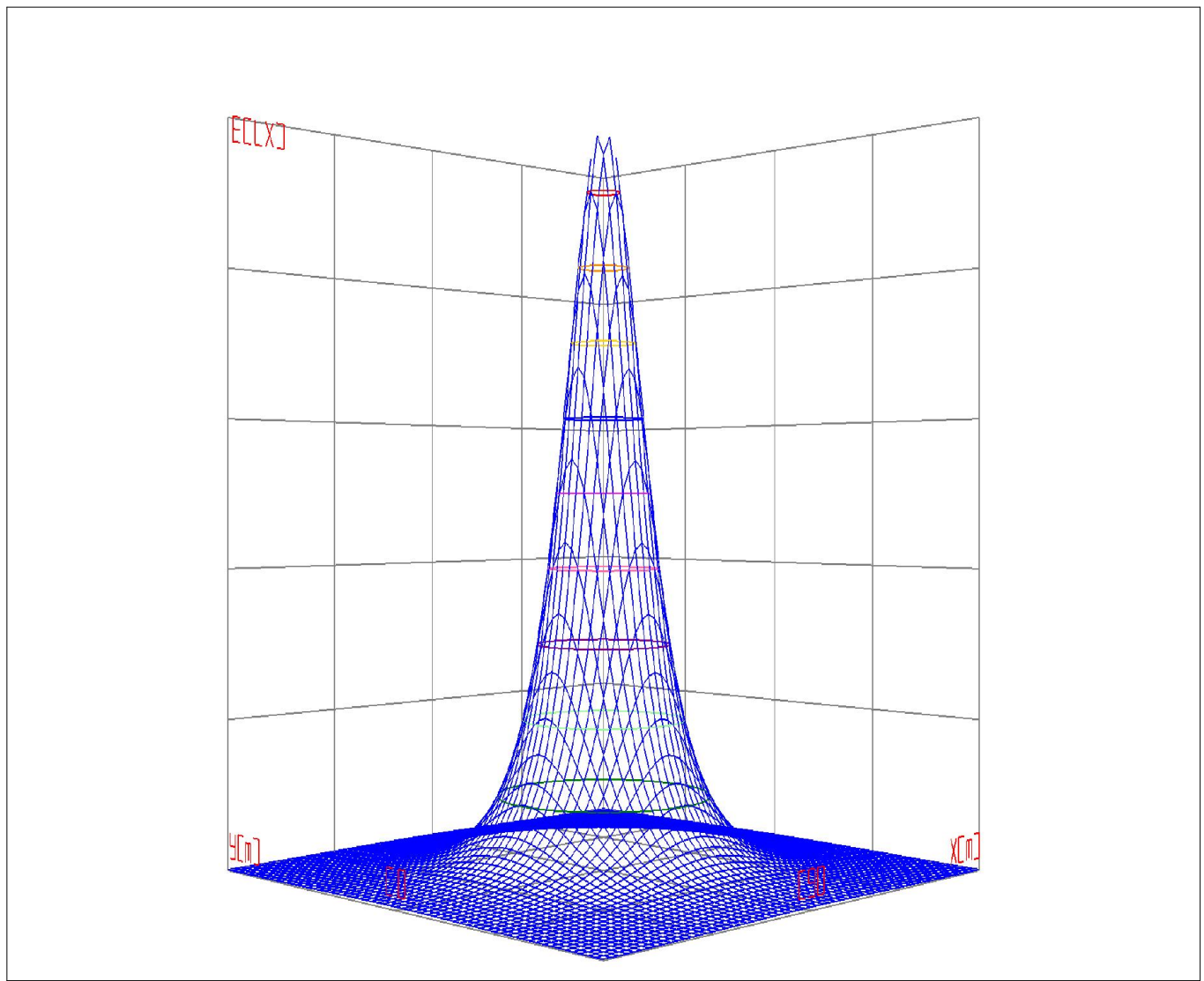
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3D Plane ISO Illuminance Diagram

Lum. Name: 2' x2' 36W LED troffer light	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2016/08/06

3D Plane Illuminance Modal

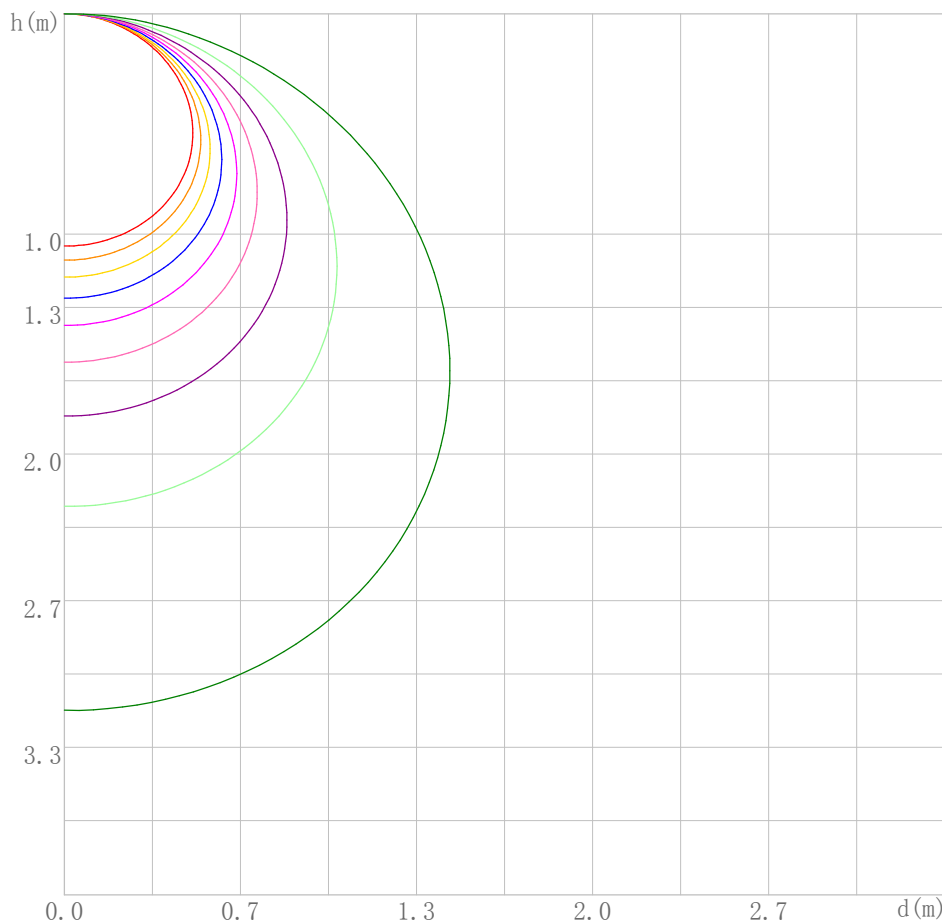


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: 2' x2' 36W LED troffer light	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2016/08/06

Space ISO Illuminance Curve



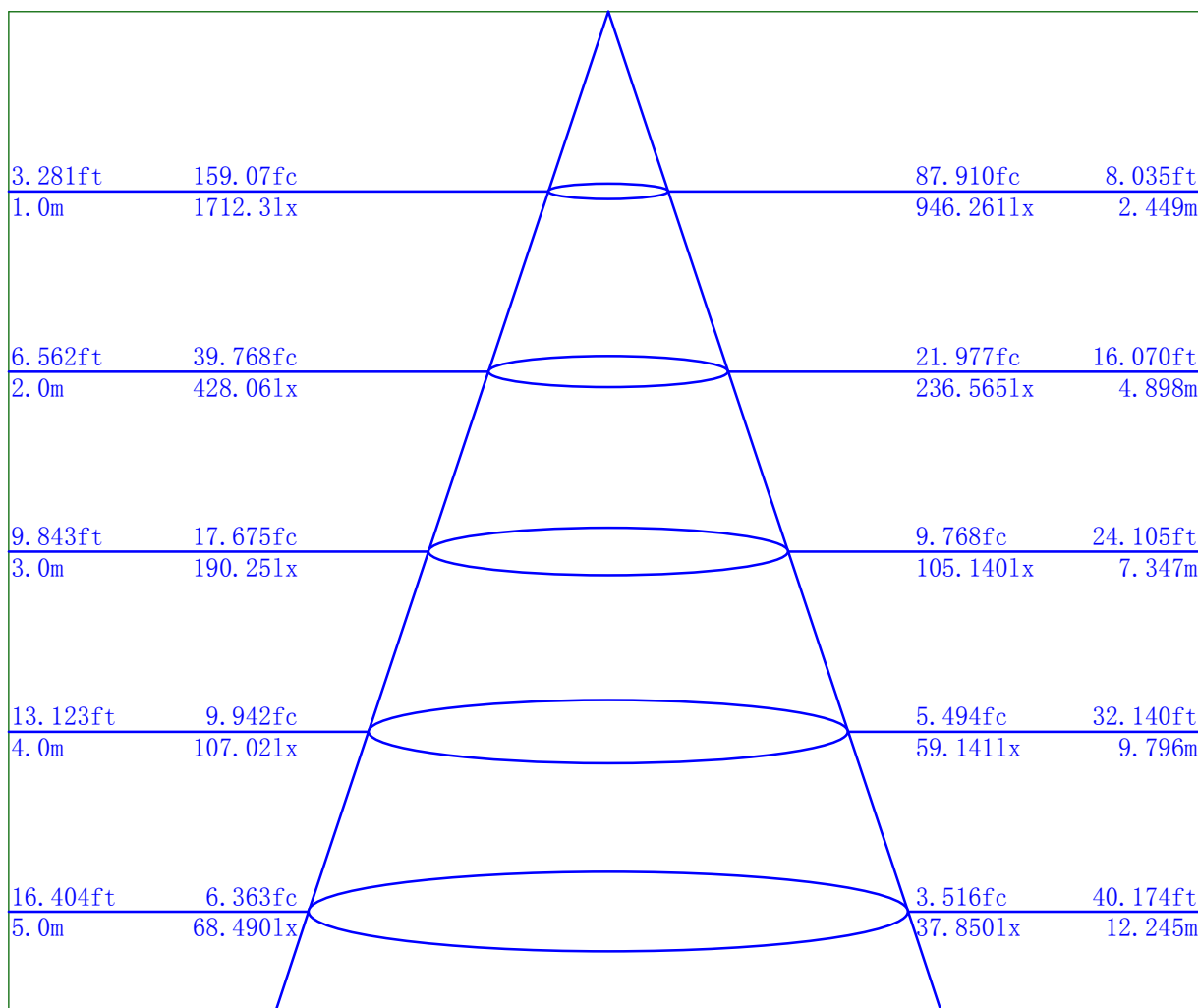
- Curves:
 [Unit: lx]
 [EMax] =1712.546
- [EMax*90%]=1541.292
 - [EMax*80%]=1370.037
 - [EMax*70%]=1198.782
 - [EMax*60%]=1027.528
 - [EMax*50%]=856.273
 - [EMax*40%]=685.019
 - [EMax*30%]=513.764
 - [EMax*20%]=342.509
 - [EMax*10%]=171.255

Space Plane Maximum Illuminance and @Angle:1712.55lx,1.0deg
 Plane Maximum Lighting Intensity and @Angle:1713.329cd,0deg

Illuminance-Distance Diagram

Lum. Name: 2' x2' 36W LED troffer light	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2016/08/06

Illuminance-Distance Curve



Height

Center E

Average E

Diameter

Beam Angle:101.5

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Indoor Luminance Limiting Curves

Lum. Name: 2' x2' 36W LED troffer light	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2016/08/06

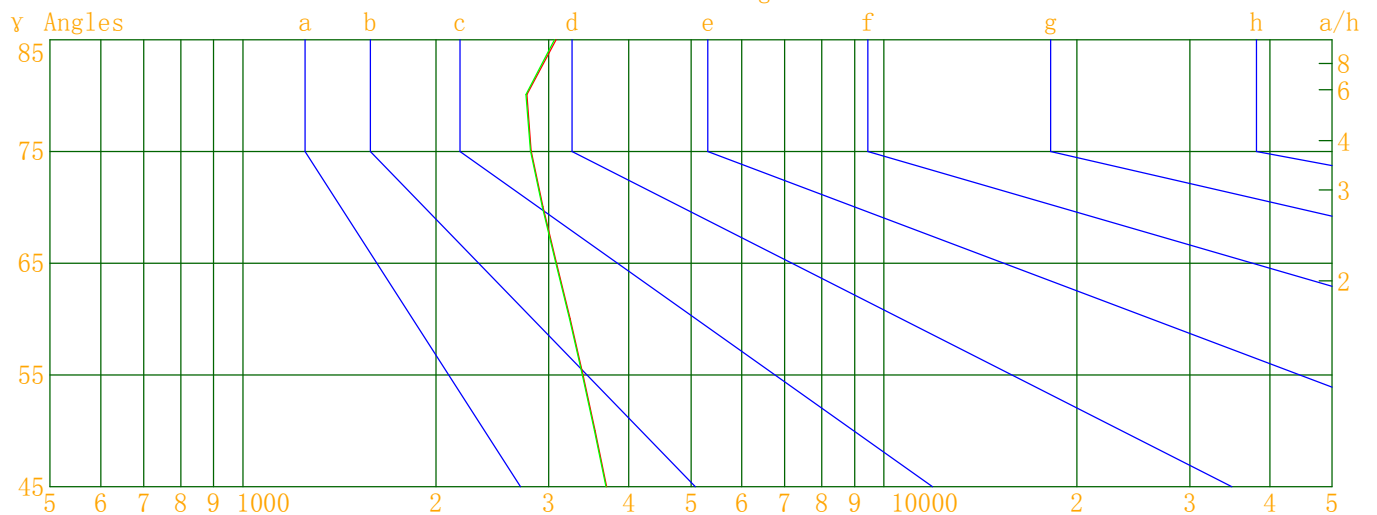
Glare Grade Table

GI	Quality	Using Illuminance							
		a	b	c	d	e	f	g	h
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	3693	3544	3392	3238	3085	2938	2816	2774	3078
C90	3683	3536	3385	3232	3078	2930	2808	2764	3063

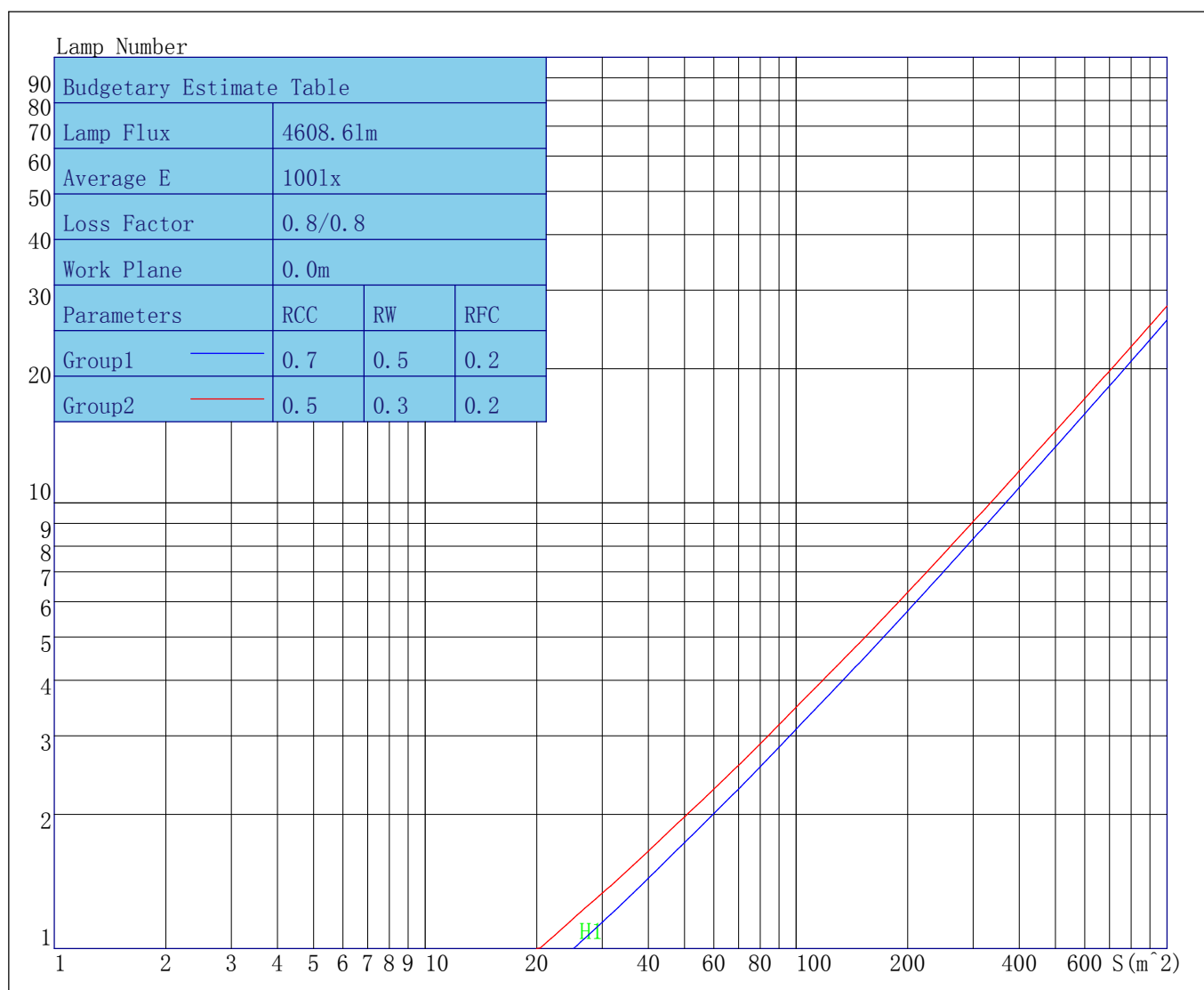
Luminance Limiting Curve



Luminous Size: Length(m)=0.600 Width(m)=0.600 Height(m)=0.050 Area(m^2)=0.390000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name: 2' x2' 36W LED troffer light	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2016/08/06



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

Indoor Coefficient of Utilization Table

Lum. Name: 2' x2' 36W LED troffer light	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2016/08/06

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	113	113	113	113	110	110	110	110	104	104	104	99	99	99	94	94	94	92
1	104	99	95	91	101	96	93	89	92	89	86	87	85	83	83	81	79	77
2	94	87	80	75	91	84	79	73	80	75	71	77	73	69	73	70	67	65
3	86	76	69	62	83	74	67	62	71	65	60	68	63	58	65	61	57	55
4	79	68	59	53	77	66	59	53	63	57	51	61	55	50	58	53	49	47
5	73	61	52	46	71	59	51	46	57	50	45	55	49	44	52	47	43	41
6	67	55	46	40	65	54	46	40	52	44	39	50	43	39	48	42	38	36
7	62	50	41	36	61	49	41	35	47	40	35	45	39	34	44	38	34	32
8	58	45	37	32	57	45	37	32	43	36	31	42	35	31	40	35	30	29
9	54	42	34	29	53	41	34	29	40	33	28	38	32	28	37	32	28	26
10	51	39	31	26	50	38	31	26	37	30	26	36	30	25	34	29	25	23

IES Indoor Report
Photometric Filename:36W LED TROFFER LIGHT.IES

Unified Glare Rating Table

Lum. Name: 2' x2' 36W LED troffer light	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2016/08/06

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	16.4	17.9	16.8	18.3	18.7	16.4	17.9	16.9	18.3	18.7	
	Y=3H	17.9	19.2	18.4	19.7	20.1	18.0	19.3	18.4	19.7	20.2
	Y=4H	18.6	19.8	19.0	20.3	20.7	18.6	19.9	19.1	20.3	20.8
	Y=6H	19.1	20.3	19.6	20.7	21.2	19.2	20.3	19.7	20.8	21.3
	Y=8H	19.4	20.4	19.8	20.9	21.4	19.4	20.5	19.9	21.0	21.5
	Y=12H	19.6	20.6	20.0	21.1	21.6	19.6	20.6	20.1	21.1	21.6
X=4H Y=2H	17.1	18.3	17.5	18.8	19.2	17.1	18.4	17.6	18.8	19.3	
	Y=3H	18.8	19.8	19.3	20.3	20.8	18.9	19.9	19.4	20.4	20.9
	Y=4H	19.6	20.5	20.1	21.0	21.5	19.7	20.6	20.2	21.1	21.6
	Y=6H	20.3	21.1	20.8	21.6	22.1	20.4	21.2	20.9	21.7	22.2
	Y=8H	20.6	21.3	21.1	21.8	22.4	20.7	21.4	21.2	21.9	22.5
	Y=12H	20.8	21.5	21.4	22.0	22.6	20.9	21.6	21.5	22.1	22.7
X=8H Y=4H	19.9	20.6	20.4	21.2	21.7	20.0	20.8	20.5	21.3	21.8	
	Y=6H	20.7	21.3	21.3	21.9	22.6	20.9	21.5	21.4	22.0	22.7
	Y=8H	21.1	21.6	21.7	22.2	22.8	21.3	21.8	21.8	22.4	22.9
	Y=12H	21.5	21.9	22.1	22.5	23.2	21.6	22.1	22.2	22.7	23.3
X=12H Y=4H	19.9	20.6	20.5	21.1	21.7	20.1	20.7	20.6	21.3	21.8	
	Y=6H	20.8	21.3	21.4	21.9	22.5	21.0	21.5	21.5	22.0	22.7
	Y=8H	21.2	21.7	21.8	22.3	22.9	21.4	21.9	22.0	22.4	23.1
Variations with the objverer position at spacings											
S=1.0H	0.4/-0.4					0.4/-0.4					
S=1.5H	0.7/-0.7					0.7/-0.7					
S=2.0H	0.8/-1.0					0.8/-1.0					
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	3.0					3.0					

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

IES Indoor Report

Photometric Filename:36W LED TROFFER LIGHT.IES

Candela Tabulation

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
Y 0.0	1712.26	1712.26	1712.26	1712.26	1712.26	1712.26	1712.26	1712.26	1712.26	1712.26	1712.26	1712.26
Y 1.0	1713.33	1712.11	1711.48	1711.17	1711.52	1711.87	1712.46	1711.64	1711.05	1710.99	1711.17	1711.56
Y 2.0	1712.55	1711.14	1710.50	1710.05	1710.49	1710.81	1710.84	1710.25	1709.68	1709.76	1709.86	1710.25
Y 3.0	1710.96	1709.34	1708.72	1708.11	1708.67	1708.95	1708.44	1708.03	1707.54	1707.70	1707.75	1708.13
Y 4.0	1708.59	1706.76	1706.14	1705.44	1706.04	1706.30	1705.21	1705.03	1704.47	1704.86	1704.74	1705.17
Y 5.0	1705.47	1703.43	1702.81	1701.96	1702.62	1702.89	1701.08	1701.19	1700.66	1701.22	1700.88	1701.45
Y 6.0	1701.53	1699.29	1698.73	1697.73	1698.49	1698.68	1696.32	1696.63	1696.15	1696.85	1696.49	1696.95
Y 7.0	1696.73	1694.40	1693.79	1692.73	1693.54	1693.74	1690.79	1691.29	1690.88	1691.70	1691.29	1691.69
Y 8.0	1691.08	1688.66	1687.95	1686.89	1687.71	1687.98	1684.47	1685.21	1684.79	1685.78	1685.25	1685.65
Y 9.0	1684.55	1682.08	1681.21	1680.23	1681.16	1681.31	1677.37	1678.22	1677.93	1679.05	1678.45	1678.74
Y 10.0	1677.00	1674.74	1673.41	1672.82	1673.89	1673.95	1669.17	1670.43	1670.08	1671.46	1670.55	1671.01
Y 11.0	1668.71	1666.74	1665.30	1664.75	1665.80	1665.85	1660.25	1661.93	1661.37	1663.18	1661.86	1662.55
Y 12.0	1659.98	1657.89	1656.36	1655.86	1656.86	1656.99	1651.07	1652.74	1652.45	1654.17	1653.03	1653.38
Y 13.0	1650.41	1648.31	1646.71	1646.23	1647.03	1647.42	1641.04	1642.79	1642.65	1644.41	1643.39	1643.44
Y 14.0	1640.02	1637.94	1636.19	1635.85	1636.00	1636.99	1630.18	1632.04	1632.10	1633.92	1632.83	1632.72
Y 15.0	1628.83	1626.66	1624.96	1624.54	1624.33	1625.74	1618.54	1620.56	1620.68	1622.64	1621.45	1621.27
Y 16.0	1616.98	1614.72	1613.00	1612.64	1612.35	1613.78	1605.88	1608.21	1608.22	1610.50	1609.03	1608.90
Y 17.0	1604.43	1602.11	1600.39	1599.95	1599.77	1601.18	1592.09	1595.18	1594.86	1597.70	1595.38	1595.88
Y 18.0	1591.19	1588.79	1587.08	1586.71	1586.41	1587.85	1578.69	1581.55	1581.76	1584.29	1582.46	1582.25
Y 19.0	1577.13	1574.74	1573.01	1572.63	1572.29	1573.86	1564.34	1567.26	1567.69	1570.26	1568.49	1567.93
Y 20.0	1562.27	1559.93	1558.15	1557.83	1557.40	1559.06	1549.18	1552.21	1552.78	1555.43	1553.61	1552.87
Y 21.0	1546.72	1544.27	1542.50	1542.18	1541.84	1543.44	1533.33	1536.33	1537.11	1539.82	1538.17	1537.00
Y 22.0	1530.48	1528.10	1526.26	1526.01	1525.62	1527.26	1515.96	1519.76	1520.55	1523.41	1520.64	1520.38
Y 23.0	1513.87	1511.34	1509.72	1509.39	1509.03	1510.66	1498.02	1502.63	1502.46	1506.59	1503.10	1503.19
Y 24.0	1496.54	1493.91	1492.37	1492.00	1491.68	1493.22	1480.96	1485.09	1485.58	1489.16	1486.40	1485.56
Y 25.0	1478.38	1475.89	1474.28	1474.10	1473.54	1475.25	1462.88	1466.86	1467.78	1471.04	1468.54	1467.25
Y 26.0	1459.58	1457.17	1455.48	1455.36	1454.73	1456.57	1443.75	1447.96	1448.98	1452.41	1449.79	1448.32
Y 27.0	1440.15	1437.60	1436.12	1435.88	1435.33	1437.13	1424.08	1428.37	1429.80	1432.99	1430.35	1428.63
Y 28.0	1420.26	1417.64	1416.17	1416.03	1415.38	1417.19	1403.34	1407.97	1408.36	1412.86	1409.35	1408.20
Y 29.0	1399.99	1397.30	1395.83	1395.67	1395.09	1396.89	1381.26	1386.85	1386.88	1392.15	1387.73	1386.99
Y 30.0	1379.11	1376.39	1375.04	1374.85	1374.24	1376.10	1360.94	1365.46	1366.91	1371.35	1367.40	1365.28
Y 31.0	1357.68	1354.98	1353.56	1353.52	1352.95	1354.72	1339.72	1343.31	1345.69	1350.00	1346.64	1342.74
Y 32.0	1335.62	1333.08	1331.56	1331.73	1330.93	1332.84	1317.53	1320.05	1323.80	1328.00	1324.53	1320.00
Y 33.0	1313.13	1310.50	1309.08	1309.22	1308.44	1310.34	1295.04	1297.36	1301.27	1305.52	1302.36	1297.23
Y 34.0	1290.21	1287.57	1286.28	1286.38	1285.59	1287.51	1270.07	1274.05	1277.65	1282.40	1277.27	1273.98
Y 35.0	1267.08	1264.33	1263.15	1263.24	1262.58	1264.35	1245.79	1250.20	1252.74	1258.71	1253.36	1250.11
Y 36.0	1243.51	1240.85	1239.64	1239.85	1239.08	1240.84	1222.92	1226.40	1229.93	1235.00	1230.43	1226.26
Y 37.0	1219.61	1216.97	1215.80	1216.07	1215.28	1217.09	1199.52	1202.54	1206.49	1210.62	1207.36	1202.33
Y 38.0	1195.26	1192.58	1191.46	1191.86	1190.95	1192.77	1175.01	1178.02	1182.26	1184.95	1182.95	1177.71
Y 39.0	1170.37	1167.75	1166.81	1167.16	1166.26	1168.01	1150.16	1153.13	1157.59	1159.59	1158.02	1152.76
Y 40.0	1145.44	1142.81	1141.96	1142.39	1141.45	1143.11	1123.81	1127.83	1130.74	1134.40	1131.45	1127.49
Y 41.0	1120.59	1117.81	1117.16	1117.48	1116.67	1118.15	1097.37	1102.05	1104.78	1108.87	1105.27	1101.69
Y 42.0	1095.38	1092.56	1092.01	1092.34	1091.57	1092.94	1072.59	1076.43	1080.21	1083.52	1080.37	1075.99
Y 43.0	1069.94	1067.24	1066.62	1067.11	1066.19	1067.54	1047.98	1051.36	1055.58	1058.36	1056.21	1050.88
Y 44.0	1044.19	1041.56	1041.01	1041.55	1040.48	1042.02	1022.22	1025.61	1029.77	1032.58	1030.39	1025.12
Y 45.0	1018.31	1015.46	1015.10	1015.67	1014.72	1015.97	996.51	999.59	1003.86	1006.66	1004.56	999.01
Y 46.0	992.30	989.55	989.31	989.80	988.97	989.94	968.11	973.22	976.63	980.32	976.23	972.69

IES Indoor Report

Photometric Filename:36W LED TROFFER LIGHT.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
Y 47.0	966.50	963.57	963.54	964.08	963.19	964.04	941.31	946.62	949.20	953.80	949.48	945.99
Y 48.0	940.65	937.62	937.93	938.22	937.42	938.16	916.03	920.16	923.68	927.62	923.94	919.46
Y 49.0	914.59	911.62	911.99	912.34	911.61	912.18	891.07	894.71	898.82	901.95	899.25	894.21
Y 50.0	888.43	885.58	885.92	886.42	885.54	886.10	864.86	868.52	872.61	875.75	873.07	868.02
Y 51.0	862.19	859.26	859.81	860.22	859.52	859.79	838.74	842.41	846.31	849.59	846.80	841.81
Y 52.0	836.21	833.12	833.94	834.22	833.64	833.67	810.72	815.98	817.99	823.20	818.80	815.36
Y 53.0	810.30	807.13	808.21	808.39	807.96	807.70	783.76	789.25	791.26	796.60	791.82	788.63
Y 54.0	784.50	781.37	782.62	782.75	782.31	781.89	758.49	762.68	765.96	770.33	766.16	761.90
Y 55.0	758.76	755.63	757.06	757.16	756.73	756.11	733.86	738.10	741.35	745.43	741.93	737.46
Y 56.0	733.04	729.93	731.45	731.57	731.15	730.49	708.19	712.32	715.60	719.48	716.12	711.57
Y 57.0	707.30	704.09	705.80	705.89	705.57	704.58	682.51	686.47	689.86	693.78	690.37	685.91
Y 58.0	681.76	678.60	680.52	680.45	680.21	679.04	654.92	660.64	662.59	667.90	662.54	660.22
Y 59.0	656.58	653.26	655.46	655.33	655.14	653.80	628.95	634.64	636.28	641.90	636.64	634.23
Y 60.0	631.47	628.22	630.54	630.18	630.39	628.66	604.47	608.45	611.52	616.14	611.85	608.13
Y 61.0	606.50	603.41	605.70	605.40	605.50	603.73	580.83	584.52	587.89	591.90	588.20	584.58
Y 62.0	581.63	578.57	581.08	580.59	580.72	578.97	556.09	559.95	563.11	567.04	563.46	559.91
Y 63.0	556.86	553.83	556.55	555.73	556.15	554.16	531.60	535.46	538.43	542.24	538.68	535.32
Y 64.0	532.47	529.41	532.17	531.27	531.88	529.70	505.20	510.97	511.93	517.43	512.42	510.67
Y 65.0	508.42	505.47	508.16	507.27	507.93	505.66	480.62	486.18	487.14	492.56	487.49	485.87
Y 66.0	484.76	481.66	484.56	483.47	484.25	481.91	457.47	461.67	463.64	467.75	463.77	461.24
Y 67.0	461.10	458.14	461.04	460.01	460.81	458.37	435.31	439.59	441.34	445.22	441.55	439.12
Y 68.0	437.67	434.88	437.73	436.73	437.41	435.09	412.07	416.44	417.98	421.78	418.14	416.12
Y 69.0	414.52	411.69	414.67	413.57	414.38	411.89	389.03	393.45	394.73	398.83	394.99	393.20
Y 70.0	391.86	388.98	392.08	390.85	391.81	389.17	365.00	370.64	370.26	375.80	370.50	370.37
Y 71.0	369.67	366.80	369.93	368.67	369.65	366.93	342.13	347.74	347.36	352.85	347.49	347.39
Y 72.0	347.89	345.06	348.26	346.86	347.96	345.11	320.80	325.13	325.70	330.13	325.84	324.76
Y 73.0	326.40	323.64	326.76	325.39	326.42	323.76	300.70	304.92	305.33	309.67	305.49	304.70
Y 74.0	305.15	302.50	305.59	304.27	305.29	302.53	279.79	283.96	284.19	288.43	284.26	283.76
Y 75.0	284.23	281.61	284.77	283.40	284.46	281.56	259.06	263.24	263.26	267.46	263.26	262.98
Y 76.0	263.97	261.27	264.48	263.15	264.13	261.23	237.46	242.82	241.33	246.88	241.34	242.49
Y 77.0	244.22	241.54	244.84	243.38	244.43	241.39	217.45	222.41	220.98	226.29	221.02	221.95
Y 78.0	224.99	222.21	225.50	224.15	225.26	222.06	198.75	202.60	201.88	206.22	201.90	202.16
Y 79.0	206.15	203.51	206.65	205.47	206.45	203.30	181.30	184.98	184.12	188.33	184.20	184.40
Y 80.0	187.84	185.18	188.28	187.16	188.02	185.00	163.27	166.83	165.83	170.04	165.93	166.44
Y 81.0	170.01	167.19	170.35	169.27	170.16	167.01	145.70	149.02	147.91	152.06	147.90	148.64
Y 82.0	152.71	149.88	153.04	152.06	152.84	149.73	127.65	131.65	129.24	134.55	129.40	131.28
Y 83.0	136.08	133.32	136.34	135.52	136.07	133.13	110.86	114.40	112.23	117.39	112.26	114.12
Y 84.0	120.14	117.32	120.21	119.53	119.97	117.10	95.39	97.87	96.39	100.84	96.31	97.99
Y 85.0	104.64	101.96	104.58	104.11	104.35	101.75	81.25	83.44	81.96	86.30	81.93	83.24
Y 86.0	89.70	87.23	89.68	89.32	89.45	86.95	66.88	68.78	67.21	71.35	67.29	68.60
Y 87.0	75.49	73.23	75.76	75.07	75.54	72.95	53.10	54.75	53.42	57.04	53.51	54.55
Y 88.0	62.30	60.88	63.20	62.01	62.94	60.58	39.39	42.05	40.36	43.64	40.27	41.90
Y 89.0	51.79	51.15	53.31	51.56	52.95	50.72	29.01	31.97	30.51	32.68	30.35	31.83
Y 90.0	45.63	44.77	46.98	45.13	46.68	44.41	23.04	25.50	24.35	25.89	24.06	25.35
Y 91.0	44.04	42.37	44.05	42.27	43.98	42.32	21.94	23.71	21.94	23.69	21.96	23.71
Y 92.0	43.42	41.93	43.38	41.74	43.36	41.87	21.79	23.37	21.80	23.34	21.82	23.38
Y 93.0	42.90	41.51	42.85	41.35	42.82	41.47	21.69	23.11	21.71	23.09	21.71	23.12

IES Indoor Report
Photometric Filename:36W LED TROFFER LIGHT.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
Y 94.0	42.41	41.15	42.36	40.97	42.34	41.09	21.63	22.91	21.60	22.89	21.63	22.91
Y 95.0	41.96	40.77	41.91	40.61	41.88	40.72	21.55	22.74	21.54	22.72	21.57	22.75
Y 96.0	41.54	40.42	41.49	40.26	41.45	40.37	21.51	22.61	21.49	22.60	21.51	22.62
Y 97.0	41.13	40.07	41.08	39.93	41.05	40.01	21.48	22.50	21.46	22.49	21.48	22.51
Y 98.0	40.73	39.74	40.68	39.60	40.67	39.68	21.47	22.41	21.44	22.41	21.45	22.41
Y 99.0	40.36	39.40	40.30	39.28	40.30	39.35	21.46	22.34	21.42	22.34	21.42	22.34
Y 100.0	40.00	39.08	39.94	38.98	39.94	39.04	21.47	22.29	21.41	22.30	21.42	22.30
Y 101.0	39.66	38.77	39.59	38.68	39.58	38.73	21.49	22.26	21.43	22.26	21.43	22.26
Y 102.0	39.33	38.47	39.26	38.40	39.25	38.43	21.52	22.23	21.45	22.24	21.43	22.23
Y 103.0	39.02	38.19	38.94	38.11	38.93	38.14	21.55	22.23	21.47	22.23	21.47	22.22
Y 104.0	38.70	37.90	38.63	37.83	38.61	37.85	21.59	22.23	21.50	22.24	21.50	22.22
Y 105.0	38.40	37.63	38.34	37.58	38.32	37.60	21.65	22.25	21.54	22.25	21.54	22.23
Y 106.0	38.11	37.37	38.04	37.32	38.03	37.32	21.71	22.27	21.60	22.27	21.60	22.26
Y 107.0	37.83	37.11	37.76	37.06	37.74	37.06	21.77	22.31	21.67	22.31	21.68	22.30
Y 108.0	37.55	36.86	37.49	36.83	37.47	36.82	21.84	22.36	21.75	22.35	21.74	22.33
Y 109.0	37.28	36.60	37.22	36.58	37.21	36.58	21.92	22.41	21.82	22.40	21.81	22.38
Y 110.0	37.01	36.37	36.96	36.35	36.94	36.34	22.01	22.46	21.89	22.46	21.91	22.45
Y 111.0	36.77	36.13	36.71	36.12	36.70	36.11	22.09	22.53	21.98	22.52	21.99	22.50
Y 112.0	36.51	35.91	36.46	35.90	36.44	35.88	22.20	22.62	22.09	22.60	22.09	22.58
Y 113.0	36.28	35.69	36.22	35.67	36.22	35.66	22.31	22.70	22.21	22.68	22.20	22.68
Y 114.0	36.06	35.48	36.00	35.46	35.99	35.44	22.42	22.80	22.31	22.77	22.30	22.77
Y 115.0	35.84	35.28	35.79	35.27	35.78	35.24	22.51	22.88	22.41	22.85	22.41	22.86
Y 116.0	35.63	35.08	35.57	35.07	35.56	35.06	22.63	22.99	22.53	22.94	22.53	22.96
Y 117.0	35.43	34.92	35.38	34.88	35.37	34.88	22.76	23.11	22.65	23.05	22.65	23.07
Y 118.0	35.26	34.75	35.20	34.72	35.19	34.71	22.90	23.22	22.78	23.15	22.79	23.19
Y 119.0	35.08	34.60	35.03	34.55	35.02	34.57	23.06	23.35	22.92	23.27	22.92	23.31
Y 120.0	34.92	34.45	34.86	34.40	34.84	34.42	23.21	23.47	23.07	23.41	23.06	23.45
Y 121.0	34.75	34.30	34.71	34.25	34.70	34.28	23.34	23.60	23.21	23.53	23.20	23.56
Y 122.0	34.63	34.17	34.57	34.12	34.56	34.16	23.48	23.73	23.37	23.67	23.35	23.69
Y 123.0	34.49	34.05	34.44	34.00	34.43	34.04	23.63	23.86	23.50	23.80	23.50	23.84
Y 124.0	34.37	33.95	34.30	33.91	34.30	33.93	23.80	24.01	23.66	23.95	23.65	23.98
Y 125.0	34.26	33.85	34.18	33.81	34.17	33.84	23.97	24.16	23.81	24.11	23.82	24.13
Y 126.0	34.15	33.75	34.07	33.72	34.07	33.74	24.14	24.32	23.97	24.24	23.96	24.27
Y 127.0	34.07	33.66	33.98	33.63	33.97	33.65	24.30	24.45	24.12	24.37	24.11	24.41
Y 128.0	33.99	33.57	33.88	33.54	33.88	33.56	24.47	24.60	24.28	24.51	24.27	24.55
Y 129.0	33.92	33.50	33.79	33.45	33.81	33.50	24.64	24.75	24.44	24.68	24.43	24.70
Y 130.0	33.84	33.42	33.72	33.39	33.73	33.43	24.82	24.91	24.62	24.84	24.60	24.86
Y 131.0	33.77	33.37	33.65	33.32	33.67	33.37	24.98	25.07	24.80	25.00	24.78	25.01
Y 132.0	33.71	33.31	33.59	33.27	33.60	33.32	25.15	25.24	24.97	25.16	24.94	25.18
Y 133.0	33.64	33.27	33.52	33.22	33.55	33.26	25.31	25.39	25.13	25.32	25.10	25.33
Y 134.0	33.60	33.23	33.47	33.19	33.51	33.22	25.50	25.56	25.31	25.48	25.27	25.50
Y 135.0	33.56	33.20	33.43	33.16	33.46	33.19	25.69	25.73	25.50	25.67	25.45	25.67
Y 136.0	33.53	33.17	33.40	33.14	33.43	33.17	25.89	25.91	25.70	25.83	25.65	25.83
Y 137.0	33.51	33.15	33.37	33.13	33.41	33.14	26.08	26.09	25.88	26.02	25.83	26.02
Y 138.0	33.49	33.14	33.34	33.12	33.39	33.13	26.28	26.27	26.08	26.22	26.02	26.22
Y 139.0	33.48	33.13	33.32	33.11	33.38	33.12	26.46	26.44	26.27	26.41	26.20	26.40
Y 140.0	33.48	33.12	33.31	33.12	33.37	33.13	26.66	26.62	26.45	26.59	26.39	26.58

