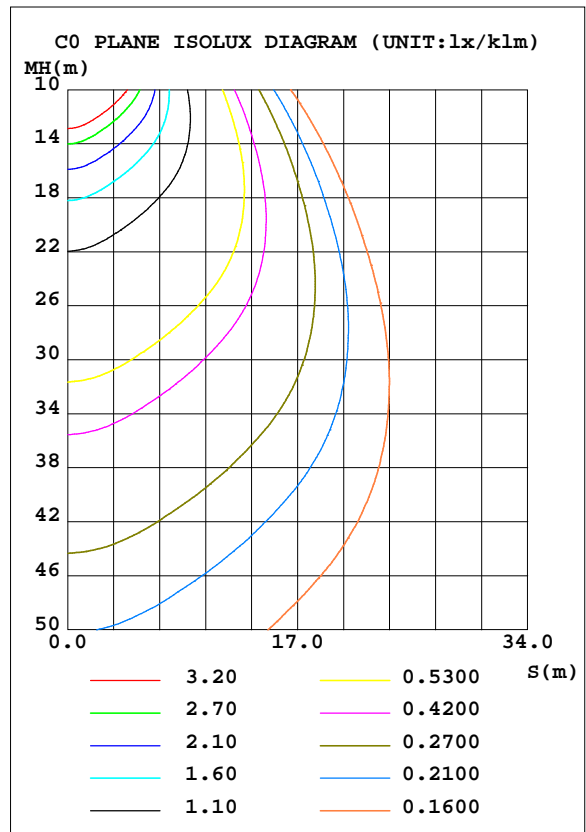
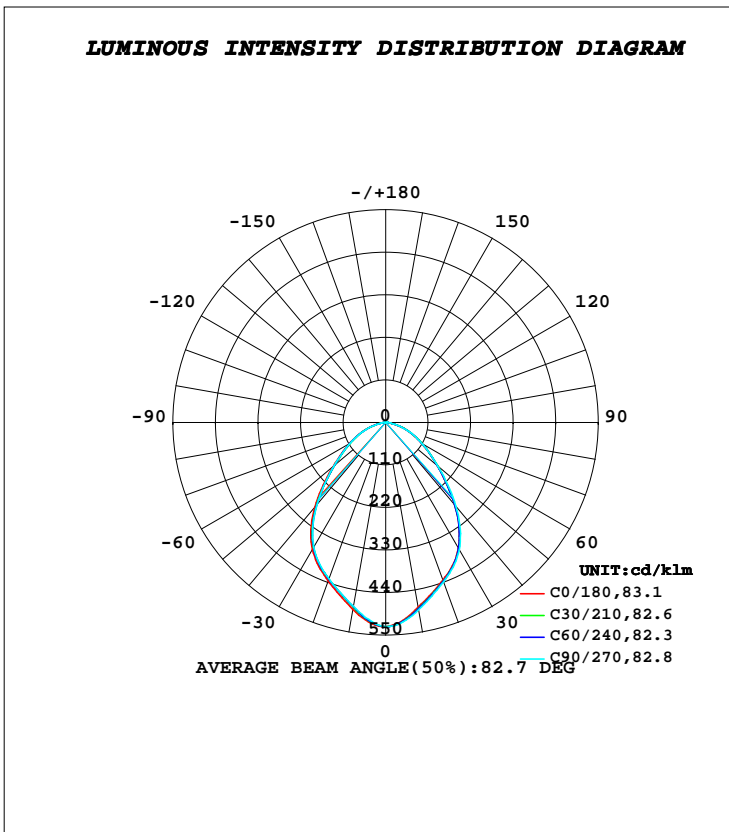


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:221.66V I:0.6734A P:145.42W PF:0.9743 Freq:50.00Hz Lamp Flux:23723.3x1 lm		
NAME: UFO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 163.14 lm/W			
MODEL	UFO	I <sub>max</sub> (cd/klm)	527.9	S/MH(C0/180)	1.09
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.07
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm/klm)	1000.0	η UP, DN(C0-180)	0.3,50.0
NOMINAL FLUX(lm)	23723.3	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.3,49.4
LAMPS INSIDE	1	η up(%)	0.6	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220.0	η down(%)	99.4	CIBSE SHR MAX	1.15



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: 02**  
**Test Date: 2019-08-29**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8**  
**Humidity: 65.0%**  
**Test Distance: 8.200m [K=1.0000]**  
**Remarks:**

**ZONAL FLUX DIAGRAM**

**ZONAL FLUX DIAGRAM:**

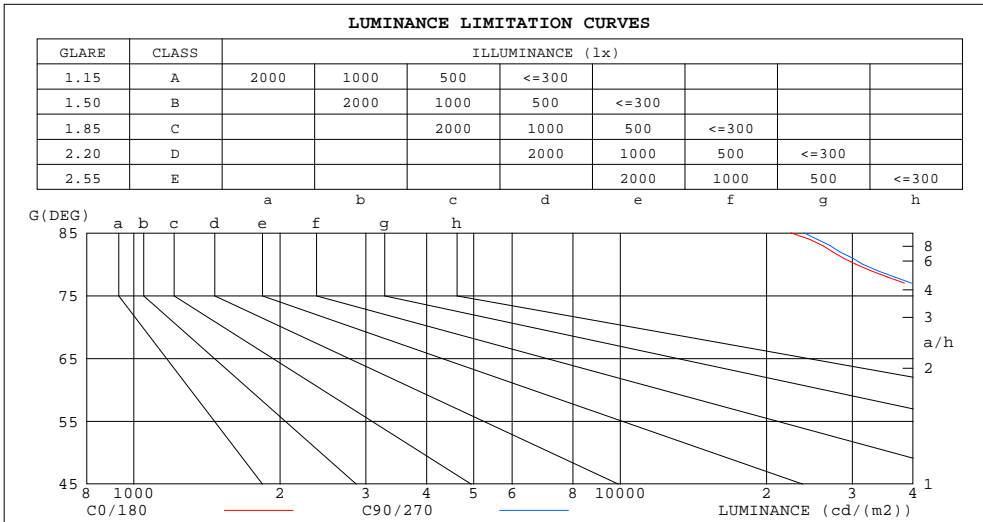
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	484.8	488.8	491.4	492.8	490.7	484.4	482.7	484.4	0- 10	48.28	48.28	4.83,4.83
20	433.6	436.4	438.4	439.1	436.3	431.0	430.0	433.3	10- 20	129.7	178.0	17.8,17.8
30	376.1	377.2	380.8	381.9	379.6	373.9	372.3	377.4	20- 30	188.2	366.2	36.6,36.6
40	277.9	278.0	282.7	286.5	285.4	277.7	276.5	280.9	30- 40	207.5	573.7	57.4,57.4
50	174.8	176.2	177.0	178.8	178.1	172.4	174.7	176.5	40- 50	174.0	747.7	74.8,74.8
60	106.9	108.3	107.8	107.3	107.0	104.2	105.0	107.3	50- 60	124.0	871.6	87.2,87.2
70	57.16	58.72	58.13	56.80	56.56	55.28	55.62	57.13	60- 70	79.99	951.6	95.2,95.2
80	15.01	15.63	15.60	15.22	15.28	14.84	14.80	15.22	70- 80	36.14	987.8	98.8,98.8
90	0.1275	0.1290	0.1257	0.1257	0.0890	0.0902	0.0912	0.0897	80- 90	6.622	994.4	99.4,99.4
100	0.2505	0.2448	0.2444	0.2496	0.2008	0.2054	0.2052	0.2017	90-100	0.1734	994.6	99.5,99.5
110	0.4592	0.4494	0.4506	0.4566	0.3887	0.3943	0.3944	0.3942	100-110	0.3355	994.9	99.5,99.5
120	0.7552	0.7401	0.7383	0.7466	0.6538	0.6597	0.6640	0.6706	110-120	0.5508	995.5	99.5,99.5
130	1.119	1.100	1.095	1.106	0.9980	1.005	1.013	1.026	120-130	0.7832	996.2	99.6,99.6
140	1.495	1.474	1.467	1.479	1.372	1.378	1.391	1.403	130-140	0.9612	997.2	99.7,99.7
150	1.849	1.829	1.819	1.829	1.731	1.743	1.759	1.766	140-150	1.009	998.2	99.8,99.8
160	2.184	2.169	2.158	2.166	2.098	2.110	2.123	2.126	150-160	0.9060	999.1	99.9,99.9
170	2.435	2.429	2.424	2.431	2.401	2.406	2.409	2.408	160-170	0.6450	999.8	100,100
180	2.527	2.530	2.528	2.526	2.535	2.530	2.526	2.527	170-180	0.2357	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT: lm/klm		

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:02**  
**Test Date:2019-08-29**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8**  
**Humidity:65.0%**  
**Test Distance:8.200m [K=1.0000]**  
**Remarks:**

**LUMINANCE LIMITATION CURVES**

Test:U:221.66V I:0.6734A P:145.42W PF:0.9743 Freq:50.00Hz Lamp Flux:23723.3x1 lm		
NAME: UFO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



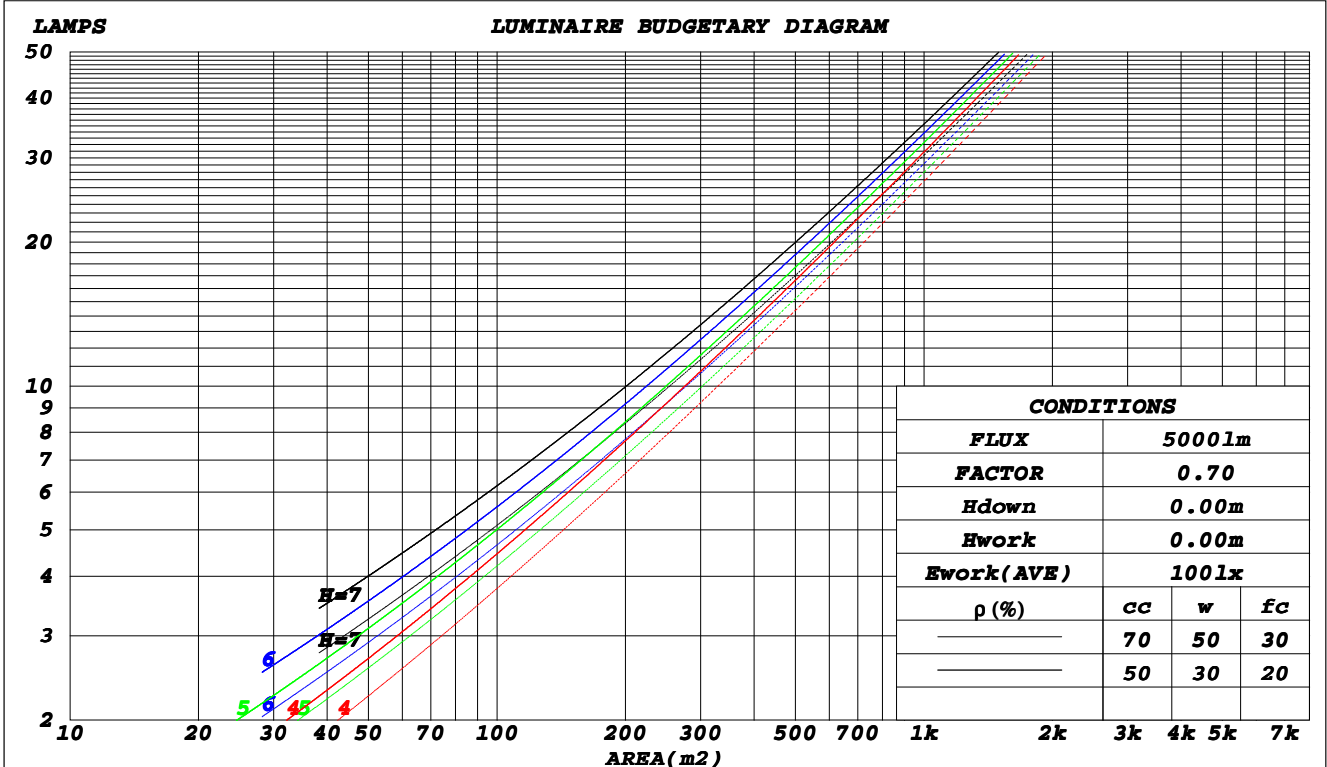
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: 02**  
**Test Date: 2019-08-29**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8**  
**Humidity: 65.0%**  
**Test Distance: 8.200m [K=1.0000]**  
**Remarks:**

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:221.66V I:0.6734A P:145.42W PF:0.9743 Freq:50.00Hz Lamp Flux:23723.3x1 lm		
NAME: UFO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Coefficients of Utilization(CU)</b>									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.99
1.0	1.06	1.03	.99	1.04	1.01	.98	.90	.97	.95	.96	.94	.92	.92	.90	.89	.87
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.85	.77	.72	.83	.76	.71	.80	.74	.70	.77	.73	.69	.75	.71	.67	.65
4.0	.76	.68	.62	.75	.67	.62	.72	.66	.61	.70	.65	.60	.68	.63	.59	.57
5.0	.69	.61	.55	.68	.60	.54	.66	.59	.54	.64	.58	.53	.62	.57	.53	.51
6.0	.63	.54	.49	.62	.54	.48	.60	.53	.48	.58	.52	.48	.57	.51	.47	.45
7.0	.57	.49	.44	.56	.49	.43	.55	.48	.43	.54	.47	.43	.52	.47	.42	.41
8.0	.53	.45	.39	.52	.44	.39	.51	.44	.39	.49	.43	.39	.48	.43	.39	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.35	.45	.39	.35	.33
10.0	.45	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.31



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 02  
 Test Date: 2019-08-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8  
 Humidity: 65.0%  
 Test Distance: 8.200m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:221.66V I:0.6734A P:145.42W PF:0.9743 Freq:50.00Hz Lamp Flux:23723.3x1 lm		
NAME: UFO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients(WEC)</b>									
0.0																
1.0	.260	.148	.047	.253	.144	.046	.240	.137	.044	.227	.131	.042	.216	.125	.040	
2.0	.250	.137	.042	.244	.134	.041	.232	.129	.040	.222	.124	.039	.212	.120	.038	
3.0	.236	.125	.038	.230	.123	.037	.220	.119	.036	.210	.115	.035	.202	.112	.035	
4.0	.221	.115	.034	.216	.113	.033	.207	.110	.033	.198	.107	.032	.191	.104	.032	
5.0	.206	.105	.030	.202	.104	.030	.194	.101	.030	.187	.099	.029	.180	.096	.029	
6.0	.193	.097	.028	.190	.096	.028	.182	.094	.027	.176	.091	.027	.170	.089	.027	
7.0	.182	.090	.025	.178	.089	.025	.172	.087	.025	.166	.085	.025	.160	.083	.024	
8.0	.171	.084	.023	.168	.083	.023	.162	.081	.023	.157	.079	.023	.152	.078	.023	
9.0	.161	.078	.022	.159	.077	.022	.153	.076	.021	.149	.074	.021	.144	.073	.021	
10.0	.152	.073	.020	.150	.072	.020	.145	.071	.020	.141	.070	.020	.137	.069	.020	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients(CCEC)</b>									
0.0	.195	.195	.195	.166	.166	.166	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.181	.161	.143	.155	.138	.123	.106	.095	.085	.061	.055	.049	.020	.018	.016	
2.0	.171	.136	.107	.146	.117	.093	.100	.081	.065	.058	.047	.038	.019	.015	.012	
3.0	.162	.118	.084	.139	.102	.072	.095	.071	.051	.055	.041	.030	.018	.013	.010	
4.0	.154	.105	.067	.132	.090	.058	.091	.063	.041	.053	.037	.024	.017	.012	.008	
5.0	.147	.094	.055	.126	.081	.048	.087	.057	.034	.050	.033	.020	.016	.011	.007	
6.0	.140	.085	.046	.120	.074	.040	.083	.052	.029	.048	.030	.017	.016	.010	.006	
7.0	.133	.078	.040	.115	.068	.035	.079	.048	.025	.046	.028	.015	.015	.009	.005	
8.0	.127	.073	.035	.110	.063	.031	.076	.044	.022	.044	.026	.013	.014	.009	.004	
9.0	.122	.068	.031	.105	.059	.027	.073	.041	.019	.042	.024	.011	.014	.008	.004	
10.0	.116	.063	.028	.100	.055	.024	.070	.039	.017	.041	.023	.010	.013	.008	.003	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:02**  
**Test Date:2019-08-29**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8**  
**Humidity:65.0%**  
**Test Distance:8.200m [K=1.0000]**  
**Remarks:**

**UGR(Unified Glare Rating) Table**

Test:U:221.66V I:0.6734A P:145.42W PF:0.9743 Freq:50.00Hz Lamp Flux:23723.3x1 lm										
NAME: UFO					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:			Shielding Angle:		
<b>ceiling/cavity</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>
<b>walls</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>
<b>working plane</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
<b>Room dimensions</b>	<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>x = 2H y = 2H</b>	<b>16.7</b>	<b>18.1</b>	<b>17.0</b>	<b>18.3</b>	<b>18.5</b>	<b>16.7</b>	<b>18.1</b>	<b>17.0</b>	<b>18.3</b>	<b>18.5</b>
<b>3H</b>	<b>17.7</b>	<b>18.9</b>	<b>18.0</b>	<b>19.2</b>	<b>19.4</b>	<b>17.7</b>	<b>18.9</b>	<b>18.0</b>	<b>19.1</b>	<b>19.4</b>
<b>4H</b>	<b>18.0</b>	<b>19.1</b>	<b>18.3</b>	<b>19.4</b>	<b>19.7</b>	<b>17.9</b>	<b>19.1</b>	<b>18.3</b>	<b>19.4</b>	<b>19.6</b>
<b>6H</b>	<b>18.1</b>	<b>19.2</b>	<b>18.4</b>	<b>19.4</b>	<b>19.7</b>	<b>18.0</b>	<b>19.2</b>	<b>18.4</b>	<b>19.4</b>	<b>19.7</b>
<b>8H</b>	<b>18.1</b>	<b>19.1</b>	<b>18.4</b>	<b>19.4</b>	<b>19.7</b>	<b>18.1</b>	<b>19.1</b>	<b>18.4</b>	<b>19.4</b>	<b>19.7</b>
<b>12H</b>	<b>18.0</b>	<b>19.1</b>	<b>18.4</b>	<b>19.4</b>	<b>19.7</b>	<b>18.0</b>	<b>19.1</b>	<b>18.4</b>	<b>19.4</b>	<b>19.7</b>
<b>4H 2H</b>	<b>17.1</b>	<b>18.3</b>	<b>17.4</b>	<b>18.5</b>	<b>18.8</b>	<b>17.1</b>	<b>18.3</b>	<b>17.4</b>	<b>18.5</b>	<b>18.8</b>
<b>3H</b>	<b>18.3</b>	<b>19.3</b>	<b>18.6</b>	<b>19.6</b>	<b>19.9</b>	<b>18.2</b>	<b>19.2</b>	<b>18.6</b>	<b>19.5</b>	<b>19.9</b>
<b>4H</b>	<b>18.6</b>	<b>19.6</b>	<b>19.0</b>	<b>19.9</b>	<b>20.2</b>	<b>18.6</b>	<b>19.5</b>	<b>19.0</b>	<b>19.9</b>	<b>20.2</b>
<b>6H</b>	<b>18.8</b>	<b>19.6</b>	<b>19.2</b>	<b>20.0</b>	<b>20.3</b>	<b>18.8</b>	<b>19.6</b>	<b>19.2</b>	<b>19.9</b>	<b>20.3</b>
<b>8H</b>	<b>18.8</b>	<b>19.6</b>	<b>19.2</b>	<b>19.9</b>	<b>20.3</b>	<b>18.8</b>	<b>19.6</b>	<b>19.2</b>	<b>19.9</b>	<b>20.3</b>
<b>12H</b>	<b>18.8</b>	<b>19.5</b>	<b>19.2</b>	<b>19.9</b>	<b>20.3</b>	<b>18.8</b>	<b>19.5</b>	<b>19.2</b>	<b>19.9</b>	<b>20.3</b>
<b>8H 4H</b>	<b>18.7</b>	<b>19.5</b>	<b>19.1</b>	<b>19.9</b>	<b>20.2</b>	<b>18.7</b>	<b>19.5</b>	<b>19.1</b>	<b>19.8</b>	<b>20.2</b>
<b>6H</b>	<b>18.9</b>	<b>19.6</b>	<b>19.4</b>	<b>20.0</b>	<b>20.4</b>	<b>18.9</b>	<b>19.6</b>	<b>19.4</b>	<b>20.0</b>	<b>20.4</b>
<b>8H</b>	<b>19.0</b>	<b>19.6</b>	<b>19.5</b>	<b>20.0</b>	<b>20.5</b>	<b>19.0</b>	<b>19.6</b>	<b>19.5</b>	<b>20.0</b>	<b>20.4</b>
<b>12H</b>	<b>19.1</b>	<b>19.5</b>	<b>19.5</b>	<b>20.0</b>	<b>20.5</b>	<b>19.0</b>	<b>19.5</b>	<b>19.5</b>	<b>20.0</b>	<b>20.5</b>
<b>12H 4H</b>	<b>18.7</b>	<b>19.4</b>	<b>19.1</b>	<b>19.8</b>	<b>20.2</b>	<b>18.7</b>	<b>19.4</b>	<b>19.1</b>	<b>19.8</b>	<b>20.2</b>
<b>6H</b>	<b>18.9</b>	<b>19.5</b>	<b>19.4</b>	<b>19.9</b>	<b>20.4</b>	<b>18.9</b>	<b>19.5</b>	<b>19.4</b>	<b>19.9</b>	<b>20.4</b>
<b>8H</b>	<b>19.0</b>	<b>19.5</b>	<b>19.5</b>	<b>20.0</b>	<b>20.4</b>	<b>19.0</b>	<b>19.5</b>	<b>19.5</b>	<b>19.9</b>	<b>20.4</b>
<b>Variations with the observer position at spacings:</b>										
<b>S = 1.0H</b>	<b>+ 0.4 / - 0.5</b>					<b>+ 0.4 / - 0.5</b>				
<b>1.5H</b>	<b>+ 0.2 / - 0.3</b>					<b>+ 0.2 / - 0.3</b>				
<b>2.0H</b>	<b>+ 0.7 / - 0.6</b>					<b>+ 0.7 / - 0.6</b>				

CIE Pub.117, 23723 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 11.0)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 02  
 Test Date: 2019-08-29

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8  
 Humidity: 65.0%  
 Test Distance: 8.200m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:221.66V I:0.6734A P:145.42W PF:0.9743 Freq:50.00Hz Lamp Flux:23723.3x1 lm		
NAME: UFO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

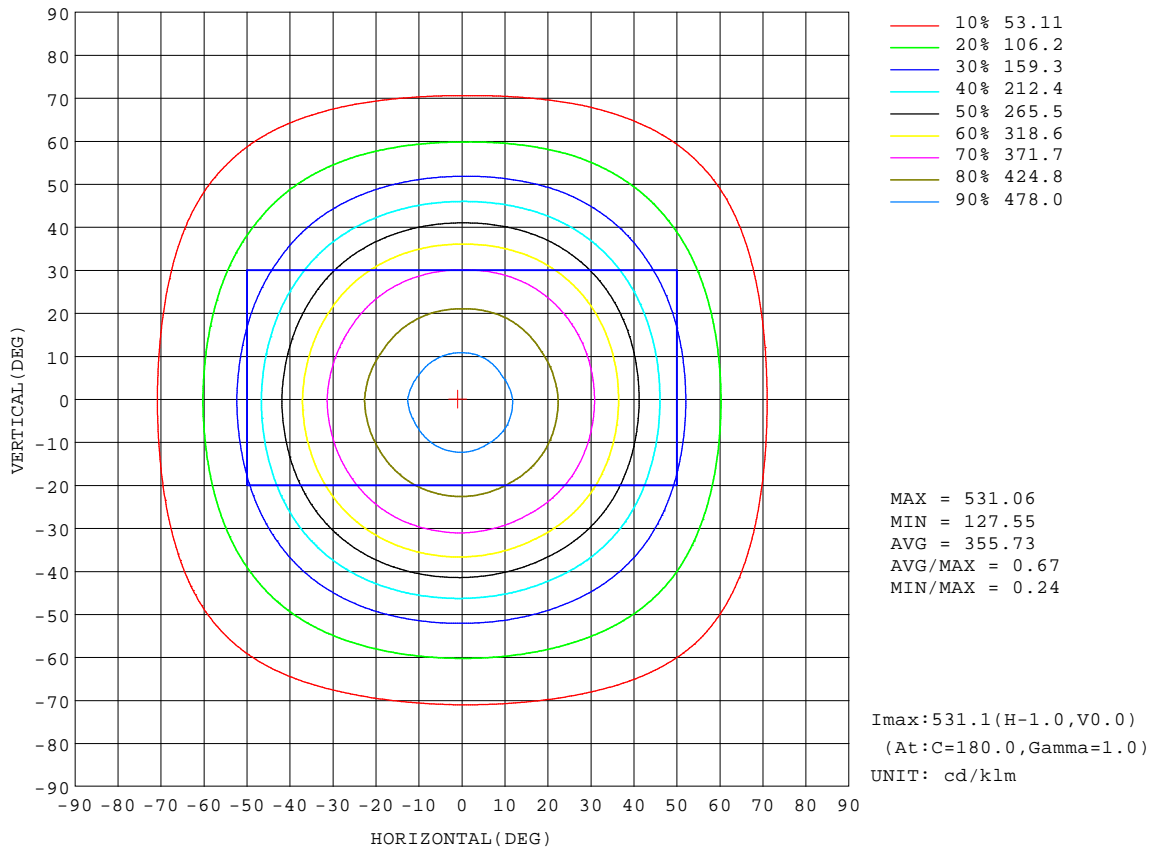
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	65	55	49	64	54	48	63	54	48	43
0.80	75	65	58	74	64	58	72	64	58	52
1.00	83	73	67	81	73	67	79	73	66	60
1.25	89	80	74	88	80	74	85	78	73	67
1.50	94	85	79	92	84	79	89	83	78	71
2.00	99	92	87	98	91	86	94	89	85	77
2.50	103	96	91	101	95	90	97	92	88	81
3.00	105	100	95	103	98	94	99	95	92	84
4.00	109	104	100	106	102	99	102	99	96	88
5.00	111	107	103	108	105	102	104	101	99	90
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:02**  
**Test Date:2019-08-29**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8**  
**Humidity:65.0%**  
**Test Distance:8.200m [K=1.0000]**  
**Remarks:**

**ISOCANDELA DIAGRAM**

Test:U:221.66V I:0.6734A P:145.42W PF:0.9743 Freq:50.00Hz Lamp Flux:23723.3x1 lm		
NAME: UFO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:02**  
**Test Date:2019-08-29**

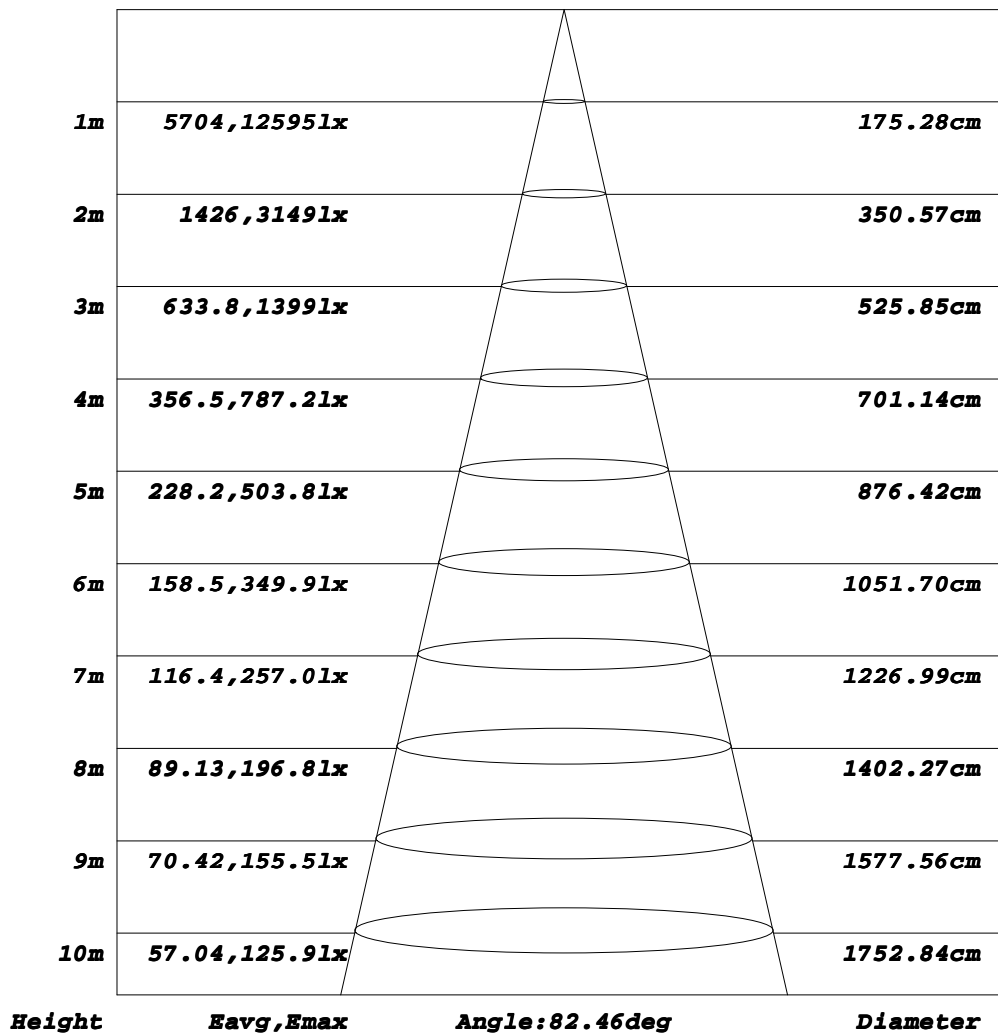
**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8**  
**Humidity:65.0%**  
**Test Distance:8.200m [K=1.0000]**  
**Remarks:**



**AAI Figure**

Test:U:221.66V I:0.6734A P:145.42W PF:0.9743 Freq:50.00Hz Lamp Flux:23723.3x1 lm		
NAME: UFO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

**Flux out:14529 lm**



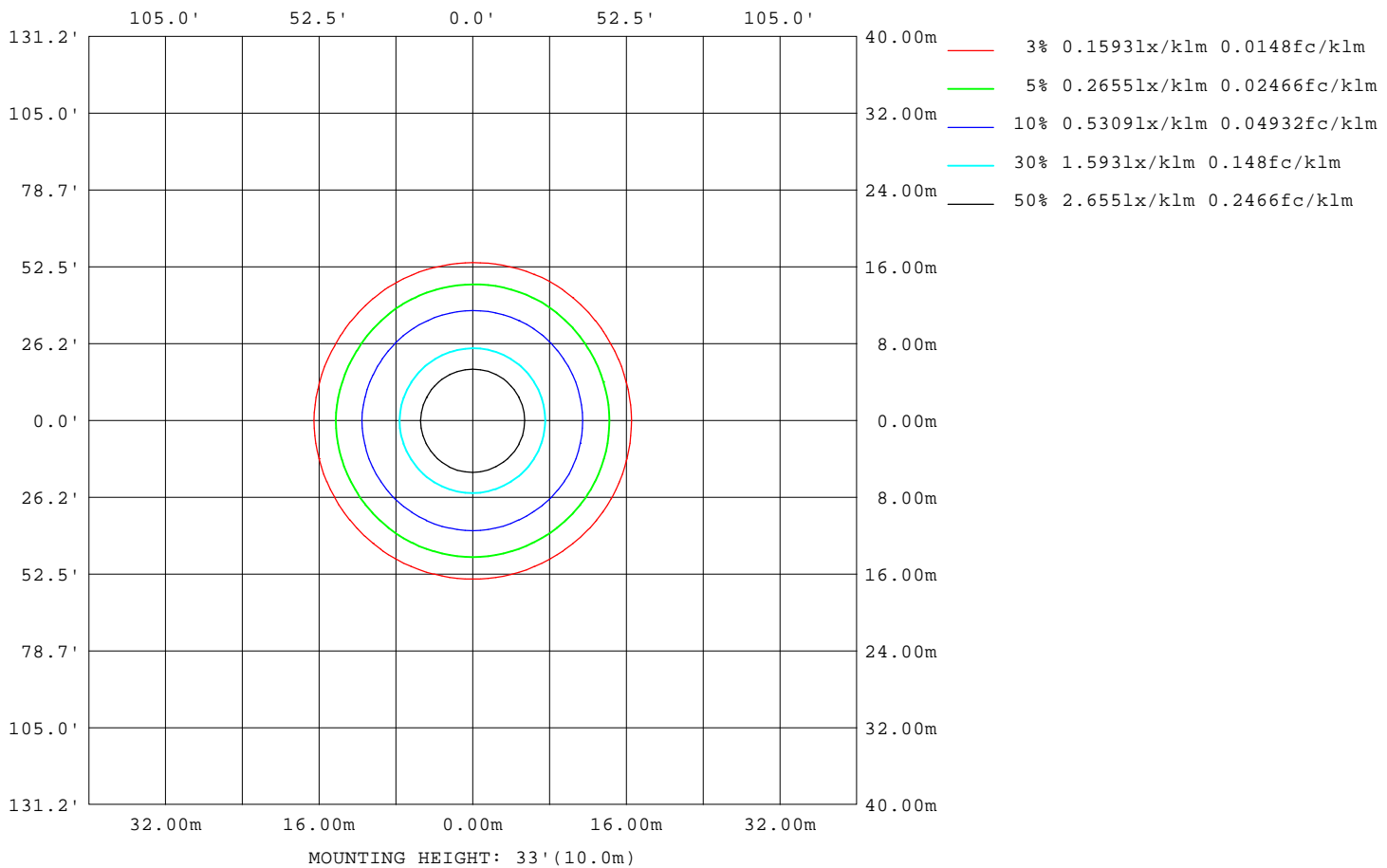
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:02**  
**Test Date:2019-08-29**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8**  
**Humidity:65.0%**  
**Test Distance:8.200m [K=1.0000]**  
**Remarks:**

**ISOLUX DIAGRAM**

Test:U:221.66V I:0.6734A P:145.42W PF:0.9743 Freq:50.00Hz Lamp Flux:23723.3x1 lm		
NAME: UFO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: 02**  
**Test Date: 2019-08-29**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8**  
**Humidity: 65.0%**  
**Test Distance: 8.200m [K=1.0000]**  
**Remarks:**

**LED Avg.L Report**

Test:U:221.66V I:0.6734A P:145.42W PF:0.9743 Freq:50.00Hz Lamp Flux:23723.3x1 lm		
NAME: UFO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

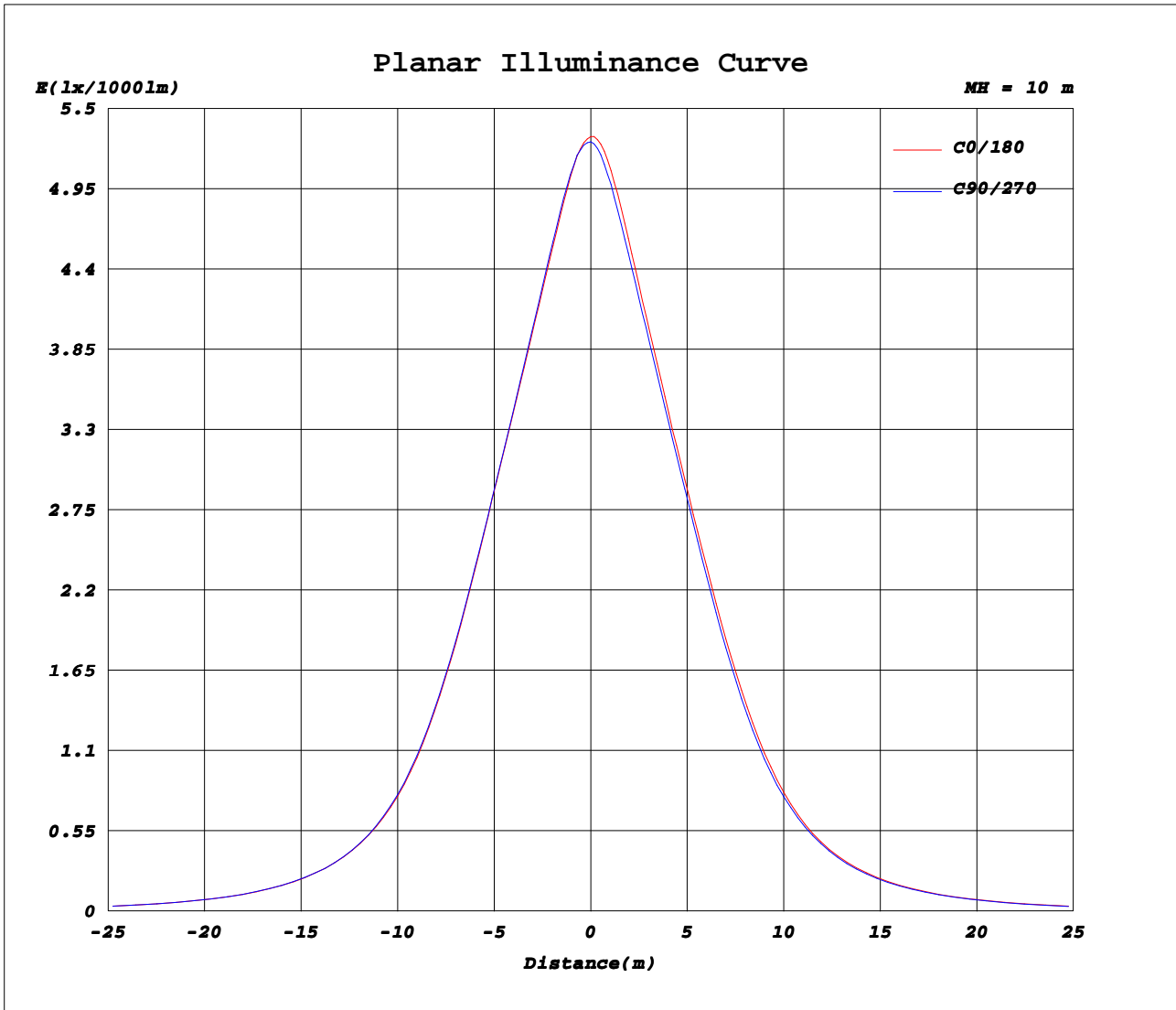
AvgL	cd/m2
L_0~180(65)av	66832
L_0~180(75)av	45303
L_0~180(85)av	22495
L_90~270(65)av	66573
L_90~270(75)av	45163
L_90~270(85)av	22725
L_45(65)av	66868
L_45(75)av	45351
L_45(85)av	22635

Standard: GB/T 29293-2012

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:02**  
**Test Date:2019-08-29**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8**  
**Humidity:65.0%**  
**Test Distance:8.200m [K=1.0000]**  
**Remarks:**

**Planar Illuminance Curve**



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: 02**  
**Test Date: 2019-08-29**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8**  
**Humidity: 65.0%**  
**Test Distance: 8.200m [K=1.0000]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:221.66V I:0.6734A P:145.42W PF:0.9743 Freq:50.00Hz Lamp Flux:23723.3xl lm		
NAME: UFO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd/klm

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	528	528	528	528	528	528	528	528	528	528	528	528							
5	514	516	516	518	518	519	518	514	514	511	512	513							
10	485	488	489	491	492	493	491	485	483	483	484	485							
15	458	461	462	464	465	465	462	456	456	455	457	458							
20	434	436	437	438	439	439	436	431	431	430	433	434							
25	409	411	411	413	414	414	411	406	406	404	408	409							
30	376	378	377	381	382	382	380	374	374	372	377	378							
35	331	333	331	337	339	340	338	332	330	329	334	334							
40	278	279	277	283	286	287	285	278	277	277	281	281							
45	222	223	222	226	229	231	229	222	222	222	225	224							
50	175	177	175	177	178	179	178	172	173	175	177	176							
55	137	139	138	139	139	139	139	134	135	136	139	137							
60	107	109	108	108	108	107	107	103	105	105	108	106							
65	80.6	82.8	81.6	81.6	80.6	80.5	80.4	77.7	79.2	78.8	81.6	80.0							
70	57.2	59.1	58.3	58.1	56.7	56.9	56.6	54.8	55.7	55.6	57.5	56.8							
75	33.4	34.7	34.1	34.3	33.3	33.4	33.4	32.2	32.7	32.3	33.6	33.5							
80	15.0	15.8	15.4	15.6	15.1	15.3	15.3	14.7	15.0	14.8	15.2	15.2							
85	5.54	6.11	5.86	5.94	5.48	5.60	5.63	5.27	5.47	5.35	5.60	5.57							
90	0.13	0.13	0.13	0.13	0.13	0.12	0.09	0.09	0.09	0.09	0.09	0.09							
95	0.18	0.17	0.17	0.17	0.18	0.18	0.13	0.14	0.14	0.14	0.13	0.14							
100	0.25	0.24	0.25	0.24	0.25	0.25	0.20	0.21	0.20	0.21	0.20	0.20							
105	0.34	0.33	0.34	0.34	0.34	0.34	0.29	0.29	0.29	0.29	0.29	0.29							
110	0.46	0.45	0.45	0.45	0.46	0.45	0.39	0.40	0.39	0.39	0.39	0.40							
115	0.60	0.58	0.59	0.58	0.59	0.59	0.51	0.52	0.52	0.52	0.52	0.52							
120	0.76	0.74	0.74	0.74	0.75	0.75	0.65	0.66	0.66	0.66	0.67	0.67							
125	0.93	0.91	0.91	0.91	0.92	0.92	0.82	0.82	0.82	0.83	0.84	0.84							
130	1.12	1.10	1.10	1.10	1.10	1.11	1.00	1.00	1.01	1.01	1.02	1.03							
135	1.31	1.29	1.29	1.28	1.29	1.30	1.19	1.19	1.19	1.20	1.21	1.22							
140	1.49	1.48	1.47	1.47	1.48	1.48	1.37	1.38	1.38	1.39	1.40	1.41							
145	1.67	1.66	1.65	1.65	1.65	1.66	1.55	1.56	1.57	1.58	1.58	1.59							
150	1.85	1.83	1.83	1.82	1.83	1.83	1.73	1.74	1.75	1.76	1.77	1.77							
155	2.02	2.01	2.00	1.99	2.00	2.00	1.92	1.92	1.93	1.94	1.95	1.95							
160	2.18	2.17	2.16	2.16	2.16	2.17	2.10	2.11	2.11	2.12	2.13	2.13							
165	2.32	2.32	2.31	2.31	2.31	2.31	2.27	2.27	2.28	2.28	2.28	2.28							
170	2.43	2.43	2.43	2.42	2.43	2.43	2.40	2.40	2.41	2.41	2.41	2.41							
175	2.50	2.51	2.50	2.50	2.50	2.50	2.49	2.49	2.49	2.49	2.49	2.48							
180	2.53	2.53	2.53	2.53	2.52	2.53	2.53	2.53	2.53	2.53	2.53	2.53							

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: 02**  
**Test Date: 2019-08-29**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.405.8**  
**Humidity: 65.0%**  
**Test Distance: 8.200m [K=1.0000]**  
**Remarks:**