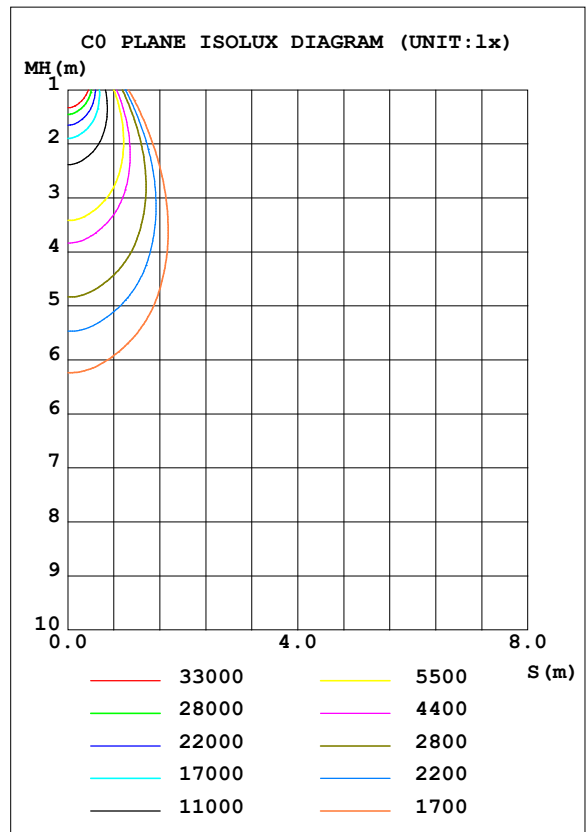
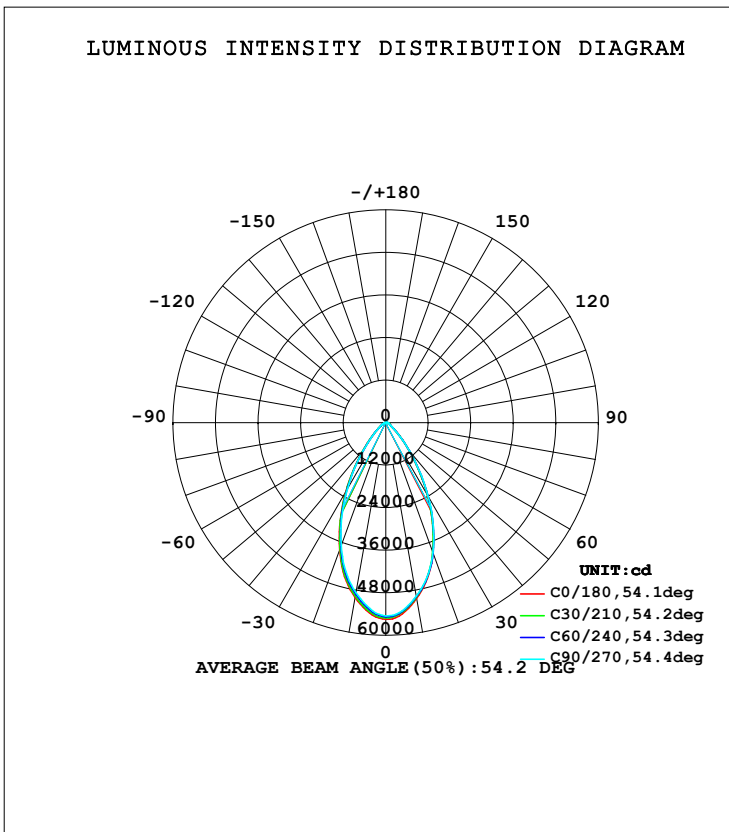


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:1.839A P:392.5W PF:0.9680 Lamp Flux:49629.5x1 lm		
NAME: LED Flood Light 400W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.44 lm/W			
MODEL		I _{max} (cd)	55477	S/MH (C0/180)	0.82
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.80
RATED VOLTAGE (V)		TOTAL FLUX (lm)	49630	η UP, DN (C0-180)	0.3, 51.8
NOMINAL FLUX (lm)	49629.5	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.2, 47.7
LAMPS INSIDE	1	η up (%)	0.4	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)		η down (%)	99.6	CIBSE SHR MAX	0.85



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YU
 Test Date: 2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 9.020m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	5038	5001	4967	4970	5005	4937	4869	4813	0- 10	4946	4946	9.97,9.97
20	3892	3909	3902	3905	3809	3739	3682	3612	10- 20	12356	17301	34.9,34.9
30	2347	2404	2398	2426	2266	2200	2180	2104	20- 30	13901	31202	62.9,62.9
40	1022	1045	1041	1057	953.7	927.6	911.0	878.7	30- 40	9773	40975	82.6,82.6
50	357.4	358.2	360.4	363.9	329.2	315.1	314.2	295.5	40- 50	4643	45618	91.9,91.9
60	150.2	148.7	164.1	149.1	136.4	134.3	146.5	128.8	50- 60	1940	47558	95.8,95.8
70	77.52	90.53	75.07	90.50	66.18	74.41	62.54	69.62	60- 70	1047	48605	97.9,97.9
80	40.48	39.56	38.11	40.21	29.80	28.32	27.43	27.26	70- 80	551.0	49156	99,99
90	22.31	22.25	21.84	22.12	14.20	14.10	13.93	13.98	80- 90	265.2	49421	99.6,99.6
100	22.56	22.33	22.10	21.72	15.59	15.56	15.73	15.70	90-100	198.1	49619	100,100
110	0	0	0	0	0	0	0	0	100-110	10.16	49630	100,100
120	0	0	0	0	0	0	0	0	110-120	0	49630	100,100
130	0	0	0	0	0	0	0	0	120-130	0	49630	100,100
140	0	0	0	0	0	0	0	0	130-140	0	49630	100,100
150	0	0	0	0	0	0	0	0	140-150	0	49630	100,100
160	0	0	0	0	0	0	0	0	150-160	0	49630	100,100
170	0	0	0	0	0	0	0	0	160-170	0	49630	100,100
180	0	0	0	0	0	0	0	0	170-180	0	49630	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

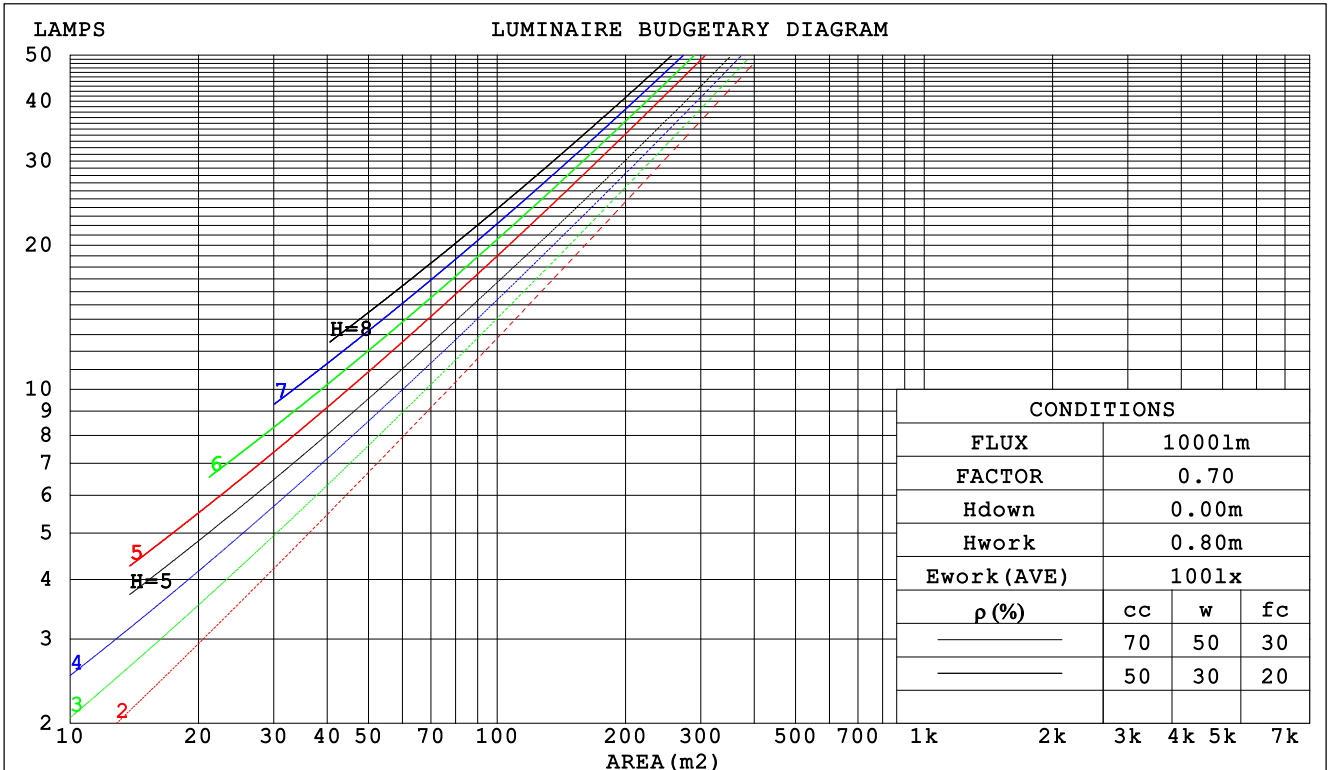
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:9.020m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:1.839A P:392.5W PF:0.9680 Lamp Flux:49629.5x1 lm		
NAME: LED Flood Light 400W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
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	.00
1.0	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.94	.93	.91
2.0	1.01	.96	.92	.99	.95	.91	.96	.92	.89	.93	.90	.87	.90	.87	.85	.84
3.0	.93	.88	.83	.92	.87	.82	.89	.85	.81	.86	.83	.80	.84	.81	.78	.77
4.0	.86	.80	.76	.85	.79	.75	.83	.78	.74	.81	.77	.73	.79	.75	.72	.71
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.76	.71	.68	.74	.70	.67	.65
6.0	.75	.68	.64	.74	.68	.64	.72	.67	.63	.71	.66	.63	.70	.65	.62	.61
7.0	.70	.64	.59	.69	.63	.59	.68	.63	.59	.67	.62	.58	.66	.61	.58	.56
8.0	.66	.59	.55	.65	.59	.55	.64	.59	.55	.63	.58	.54	.62	.57	.54	.53
9.0	.62	.56	.51	.61	.55	.51	.60	.55	.51	.59	.54	.51	.59	.54	.51	.49
10.0	.58	.52	.48	.58	.52	.48	.57	.52	.48	.56	.51	.48	.56	.51	.48	.46



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.020m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.0V I:1.839A P:392.5W PF:0.9680 Lamp Flux:49629.5x1 lm		
NAME: LED Flood Light 400W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.201	.115	.036	.195	.111	.035	.182	.104	.033	.170	.098	.031	.159	.092	.030	
2.0	.192	.105	.032	.186	.102	.032	.175	.097	.030	.165	.092	.029	.155	.088	.028	
3.0	.181	.096	.029	.176	.094	.028	.167	.090	.027	.158	.087	.027	.150	.083	.026	
4.0	.171	.089	.026	.167	.087	.026	.159	.084	.025	.151	.081	.024	.144	.078	.024	
5.0	.162	.083	.024	.158	.081	.024	.151	.079	.023	.144	.076	.023	.138	.074	.022	
6.0	.154	.077	.022	.150	.076	.022	.144	.074	.021	.138	.072	.021	.132	.070	.021	
7.0	.146	.072	.020	.143	.071	.020	.137	.069	.020	.132	.068	.020	.127	.066	.019	
8.0	.139	.068	.019	.136	.067	.019	.131	.066	.019	.127	.064	.018	.122	.063	.018	
9.0	.133	.064	.018	.130	.063	.018	.126	.062	.018	.121	.061	.017	.117	.060	.017	
10.0	.127	.061	.017	.124	.060	.017	.120	.059	.017	.116	.058	.016	.113	.057	.016	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.176	.160	.146	.151	.138	.126	.103	.095	.087	.059	.055	.051	.019	.018	.016	
2.0	.162	.136	.113	.139	.117	.098	.095	.081	.068	.055	.047	.040	.018	.015	.013	
3.0	.151	.117	.090	.129	.101	.078	.089	.070	.055	.051	.041	.032	.016	.013	.011	
4.0	.141	.103	.073	.121	.089	.064	.083	.062	.045	.048	.036	.026	.015	.012	.009	
5.0	.133	.091	.061	.114	.079	.053	.078	.055	.037	.045	.032	.022	.015	.011	.007	
6.0	.125	.082	.051	.108	.071	.044	.074	.050	.031	.043	.029	.019	.014	.010	.006	
7.0	.119	.075	.044	.102	.065	.038	.071	.045	.027	.041	.027	.016	.013	.009	.005	
8.0	.113	.069	.038	.097	.059	.033	.067	.042	.023	.039	.025	.014	.013	.008	.005	
9.0	.108	.063	.033	.093	.055	.029	.064	.039	.021	.037	.023	.012	.012	.007	.004	
10.0	.103	.059	.030	.089	.051	.026	.062	.036	.018	.036	.021	.011	.012	.007	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.020m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.0V I:1.839A P:392.5W PF:0.9680 Lamp Flux:49629.5x1 lm										
NAME: LED Flood Light 400W					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
					SUR.:			PROTECTION ANGLE:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	24.0	25.1	24.3	25.3	25.4	24.2	25.3	24.4	25.4	25.6
3H	24.2	25.2	24.5	25.4	25.6	24.4	25.3	24.7	25.6	25.8
4H	24.3	25.3	24.6	25.5	25.7	24.5	25.4	24.8	25.6	25.9
6H	24.5	25.3	24.8	25.6	25.8	24.6	25.4	24.9	25.7	25.9
8H	24.6	25.4	24.9	25.7	25.9	24.6	25.5	25.0	25.7	26.0
12H	24.7	25.4	25.0	25.7	26.0	24.7	25.5	25.0	25.8	26.1
4H 2H	24.0	24.9	24.3	25.2	25.4	24.2	25.1	24.5	25.3	25.6
3H	24.4	25.1	24.7	25.4	25.7	24.5	25.3	24.8	25.6	25.8
4H	24.6	25.3	25.0	25.6	25.9	24.7	25.4	25.0	25.7	26.0
6H	24.9	25.5	25.3	25.8	26.2	24.9	25.5	25.3	25.8	26.2
8H	25.0	25.6	25.4	26.0	26.4	25.0	25.6	25.4	25.9	26.3
12H	25.2	25.7	25.6	26.1	26.5	25.1	25.7	25.5	26.0	26.4
8H 4H	24.6	25.2	25.0	25.6	26.0	24.7	25.3	25.1	25.6	26.0
6H	25.0	25.5	25.5	25.9	26.3	25.0	25.5	25.4	25.9	26.3
8H	25.3	25.7	25.8	26.1	26.6	25.2	25.6	25.6	26.0	26.5
12H	25.6	25.9	26.1	26.4	26.9	25.5	25.8	25.9	26.3	26.7
12H 4H	24.6	25.1	25.0	25.5	25.9	24.7	25.2	25.1	25.6	26.0
6H	25.0	25.5	25.5	25.9	26.3	25.0	25.4	25.5	25.9	26.3
8H	25.4	25.7	25.8	26.2	26.6	25.3	25.6	25.7	26.1	26.5
Variations with the observer position at spacings:										
S = 1.0H	+ 1.2 / - 1.8					+ 1.3 / - 1.9				
1.5H	+ 2.2 / - 1.7					+ 2.4 / - 1.8				
2.0H	+ 2.4 / - 1.3					+ 2.4 / - 1.0				

CIE Pub.117 Corrected 49630 lm Total Lamp Luminous Flux. (8log(F/F0) = 13.6)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.020m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.0V I:1.839A P:392.5W PF:0.9680 Lamp Flux:49629.5x1 lm		
NAME: LED Flood Light 400W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	PROTECTION 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	81	73	69	80	73	68	79	72	68	64
0.80	89	82	77	88	81	77	87	81	77	72
1.00	94	88	83	93	87	83	92	87	82	78
1.25	99	93	89	98	92	88	96	91	87	83
1.50	102	96	92	101	96	92	99	94	91	86
2.00	106	101	97	104	100	96	101	98	95	89
2.50	108	103	100	106	102	99	103	100	97	90
3.00	110	106	102	108	104	101	104	101	99	92
4.00	112	109	106	110	107	105	106	104	102	94
5.00	114	111	108	111	109	107	107	105	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.020m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.0V I:1.839A P:392.5W PF:0.9680 Lamp Flux:49629.5x1 lm		
NAME: LED Flood Light 400W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

43810 lm

%lum = 88.3%

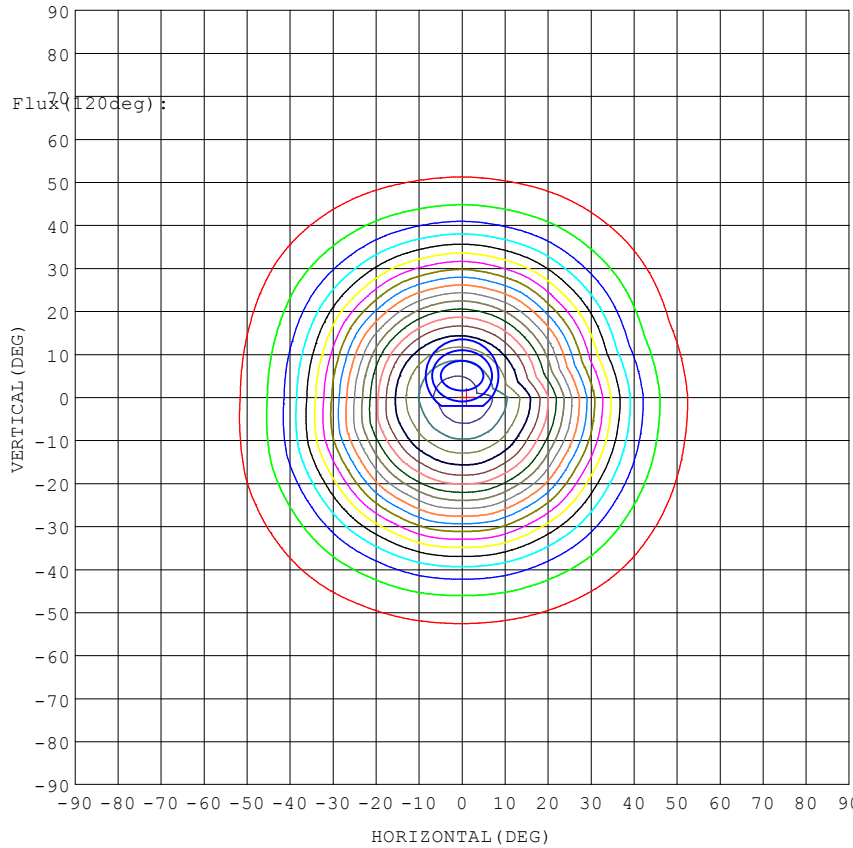
%lamp = 88.3%

Conical surface Flux(20deg):

47558 lm

%lum = 95.8%

%lamp = 95.8%



- 5% 2774
- 10% 5548
- 15% 8322
- 20% 11095
- 25% 13869
- 30% 16643
- 35% 19417
- 40% 22191
- 45% 24965
- 50% 27739
- 55% 30513
- 60% 33286
- 65% 36060
- 70% 38834
- 75% 41608
- 80% 44382
- 85% 47156
- 90% 49930
- 95% 52704

- 1. AVG=52094,MIN=49812
- 2. AVG=51590,MIN=47770
- 3. AVG=50888,MIN=45267

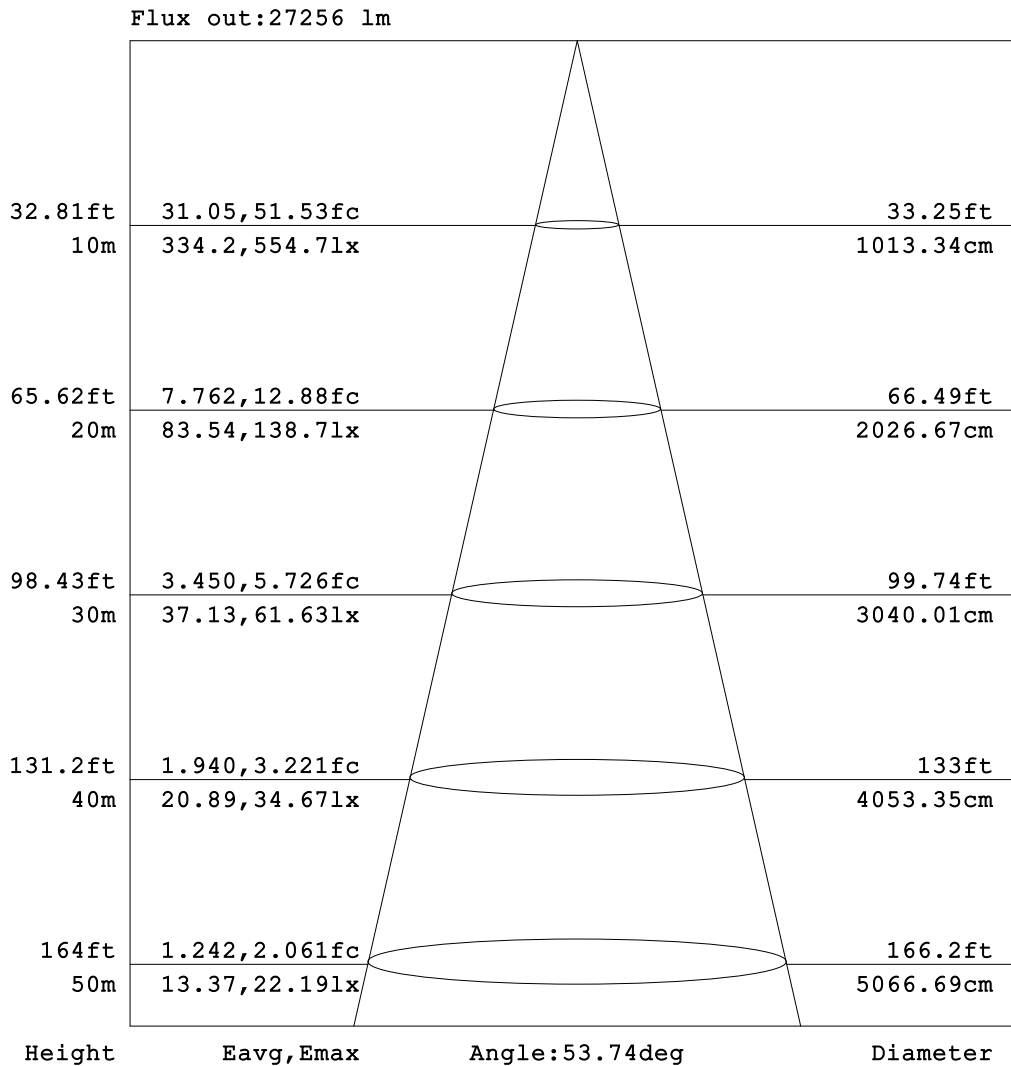
Imax:55477 (H1.0,V0.0)
 (At:C=0.0,Gamma=1.0)
 UNIT: cd

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.020m [K=1.0000]
 Remarks:

AAI Figure

Test:U:220.0V I:1.839A P:392.5W PF:0.9680 Lamp Flux:49629.5x1 lm		
NAME: LED Flood Light 400W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	PROTECTION ANGLE:



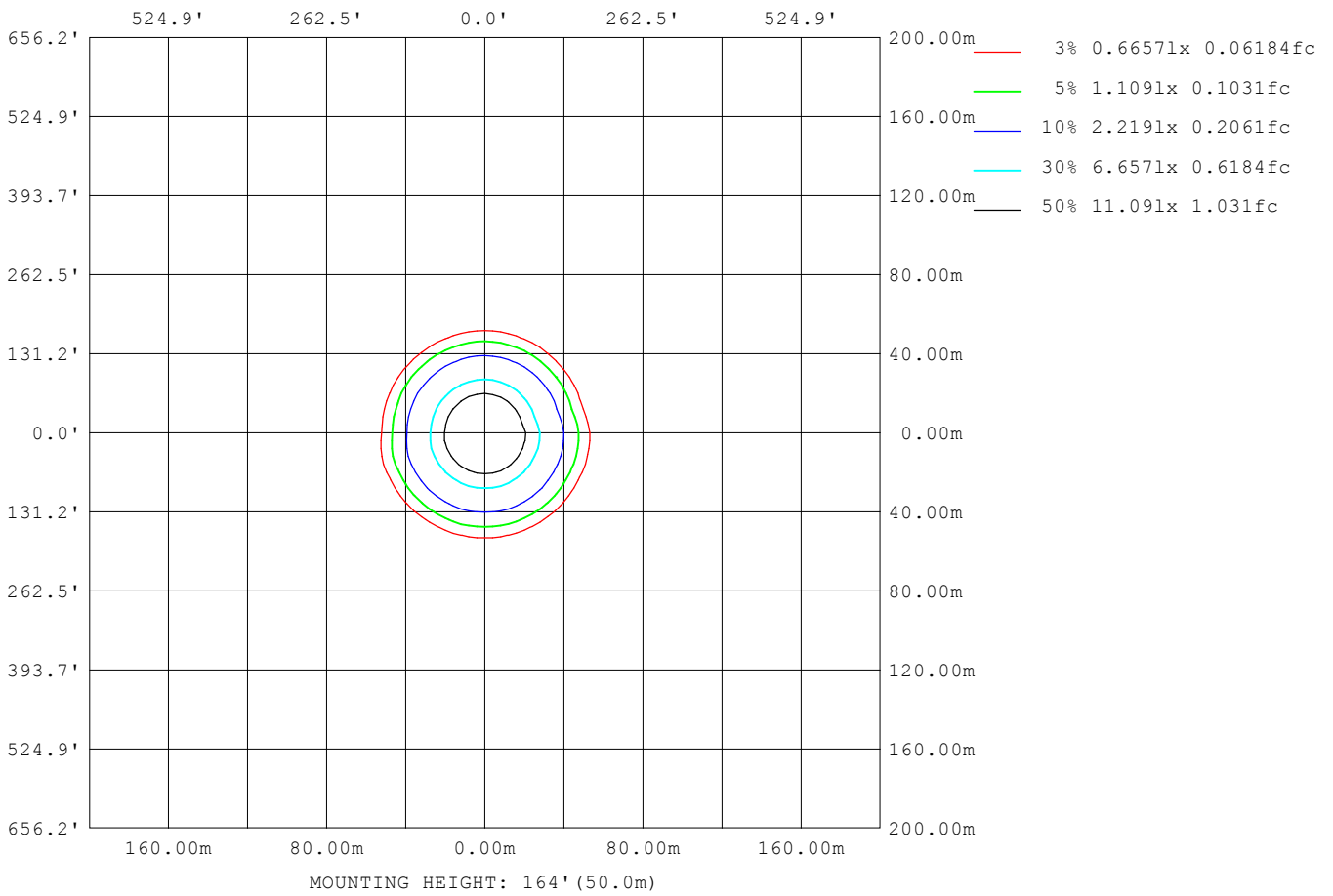
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.020m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

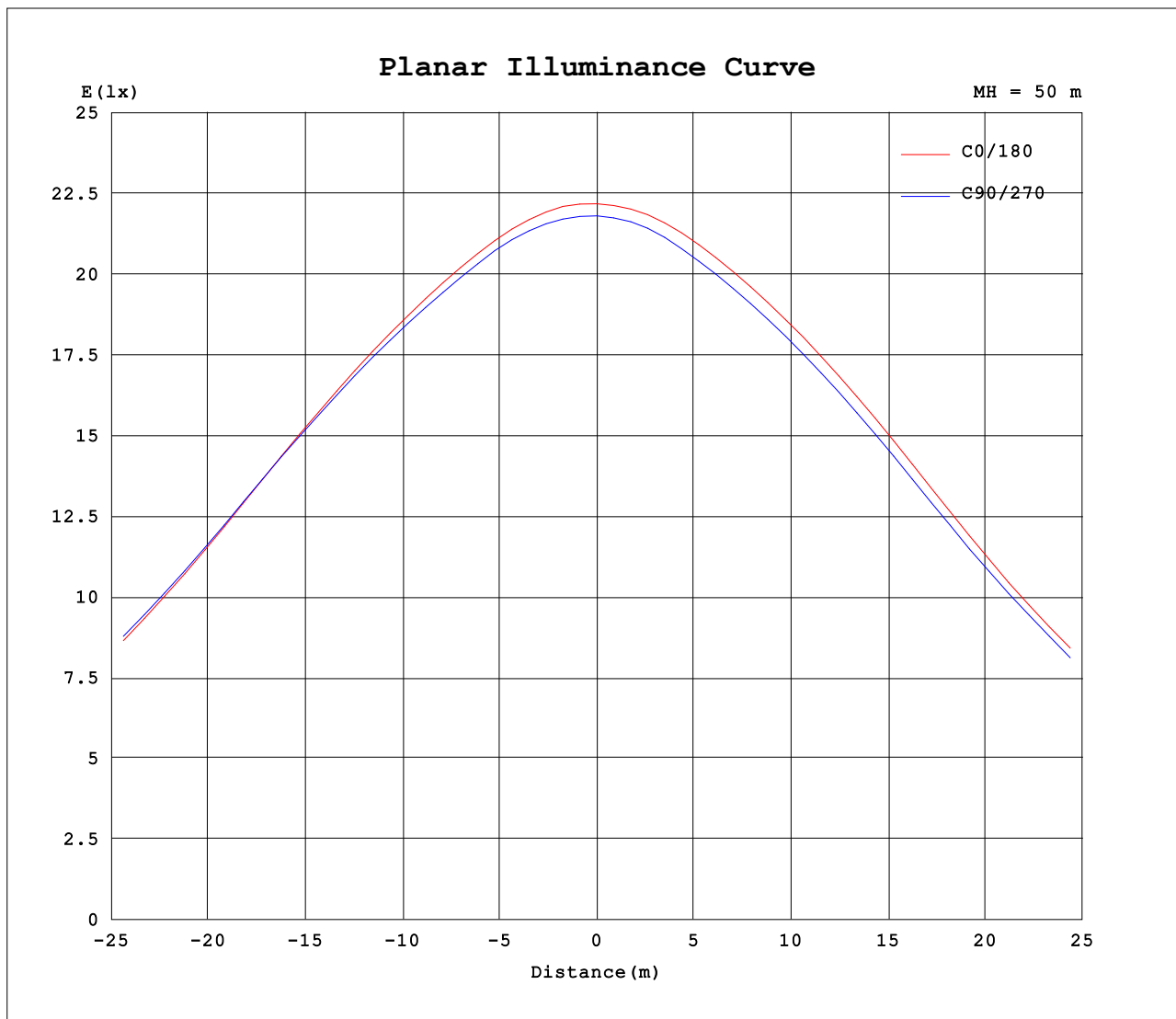
Test:U:220.0V I:1.839A P:392.5W PF:0.9680 Lamp Flux:49629.5x1 lm		
NAME: LED Flood Light 400W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.020m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YU
 Test Date: 2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 9.020m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:1.839A P:392.5W PF:0.9680 Lamp Flux:49629.5x1 lm		
NAME: LED Flood Light 400W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: ×10cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	5547	5531	5510	5496	5477	5468	5452	5444	5429	5422	5406	5394	5547	5531	5510	5496	5477	5468	5452
5	5413	5396	5369	5365	5348	5347	5328	5328	5313	5316	5305	5308	5382	5365	5348	5323	5295	5277	5259
10	5038	5026	5001	5001	4985	4984	4967	4971	4958	4970	4965	4974	5005	4985	4968	4937	4911	4889	4869
15	4546	4546	4523	4538	4526	4531	4511	4516	4504	4516	4506	4521	4497	4479	4467	4430	4398	4374	4357
20	3892	3899	3877	3909	3909	3923	3902	3911	3890	3905	3889	3909	3809	3788	3779	3739	3714	3692	3682
25	3134	3153	3127	3178	3173	3195	3173	3190	3169	3185	3159	3185	3051	3017	3037	2974	2980	2937	2953
30	2347	2376	2346	2404	2391	2430	2398	2432	2397	2426	2390	2424	2266	2229	2255	2200	2205	2166	2180
35	1611	1635	1610	1657	1644	1675	1646	1679	1648	1677	1650	1686	1533	1509	1528	1491	1483	1459	1463
40	1022	1033	1022	1045	1043	1056	1041	1055	1042	1057	1047	1065	954	941	952	928	923	906	911
45	620	629	617	629	625	633	625	635	625	637	632	647	571	563	570	550	544	534	541
50	357	363	351	358	355	363	360	363	356	364	361	373	329	322	324	315	313	310	314
55	220	219	211	213	217	224	226	224	217	216	217	224	202	199	199	192	197	201	203
60	150	149	144	149	162	166	164	165	159	149	147	152	136	134	133	134	146	147	146
65	105	106	105	119	122	112	109	111	122	119	107	108	93.2	92.8	94.7	105	105	94.7	93.8
70	77.5	78.1	82.8	90.5	77.8	76.1	75.1	76.3	78.6	90.5	83.5	79.5	66.2	65.5	72.1	74.4	65.3	62.7	62.5
75	56.4	57.1	69.4	56.4	54.3	54.9	54.5	55.1	54.9	57.5	69.4	58.1	45.1	45.1	57.3	44.4	42.7	42.4	42.5
80	40.5	45.9	40.3	39.6	38.7	38.6	38.1	38.7	39.1	40.2	41.3	45.2	29.8	35.0	30.1	28.3	28.0	27.4	27.4
85	28.6	29.1	27.9	27.8	27.5	27.8	27.5	27.8	27.6	28.0	28.2	29.5	18.7	18.6	18.7	18.1	17.9	17.9	18.0
90	22.3	22.4	22.2	22.2	22.1	22.1	21.8	21.9	21.9	22.1	22.1	22.4	14.2	14.2	14.0	14.1	13.9	14.0	13.9
95	21.8	21.8	21.7	21.9	21.7	21.7	21.6	21.5	21.3	21.3	21.2	21.3	14.5	14.5	14.4	14.5	14.5	14.7	14.6
100	22.6	22.5	22.4	22.3	22.2	22.2	22.1	22.0	21.8	21.7	21.6	21.7	15.6	15.5	15.5	15.6	15.6	15.7	15.7
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.020m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:1.839A P:392.5W PF:0.9680 Lamp Flux:49629.5x1 lm		
NAME: LED Flood Light 400W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	5444	5429	5422	5406	5394														
5	5242	5227	5211	5196	5176														
10	4847	4835	4813	4799	4777														
15	4332	4320	4295	4286	4257														
20	3653	3639	3612	3604	3570														
25	2905	2923	2867	2882	2823														
30	2138	2153	2104	2117	2068														
35	1439	1444	1415	1420	1389														
40	894	898	879	882	863														
45	530	532	519	521	511														
50	307	305	295	297	292														
55	198	191	182	184	183														
60	145	142	129	125	124														
65	93.2	101	101	89.5	86.0														
70	61.9	64.1	69.6	68.5	61.0														
75	41.8	41.9	42.2	53.2	42.2														
80	27.0	27.4	27.3	27.9	33.2														
85	17.6	17.7	17.4	17.6	17.4														
90	13.9	14.0	14.0	13.9	13.8														
95	14.6	14.5	14.5	14.4	14.4														
100	15.7	15.7	15.7	15.6	15.6														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2015-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.020m [K=1.0000]
 Remarks: