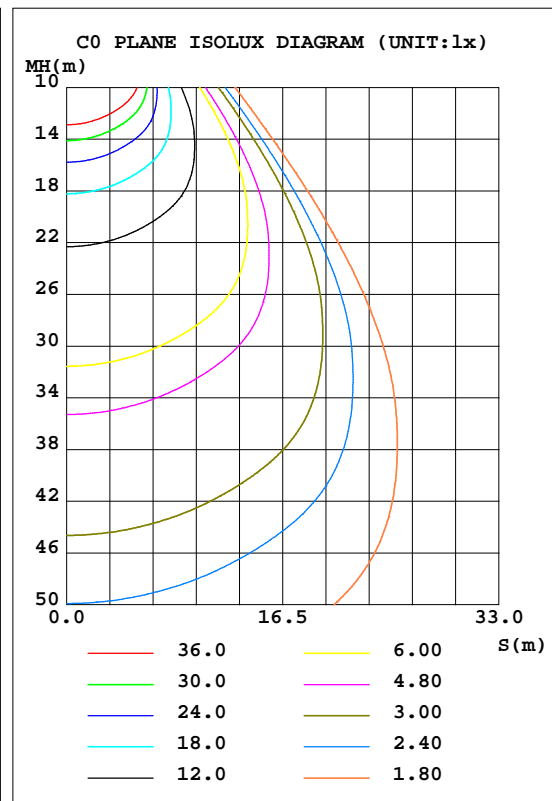
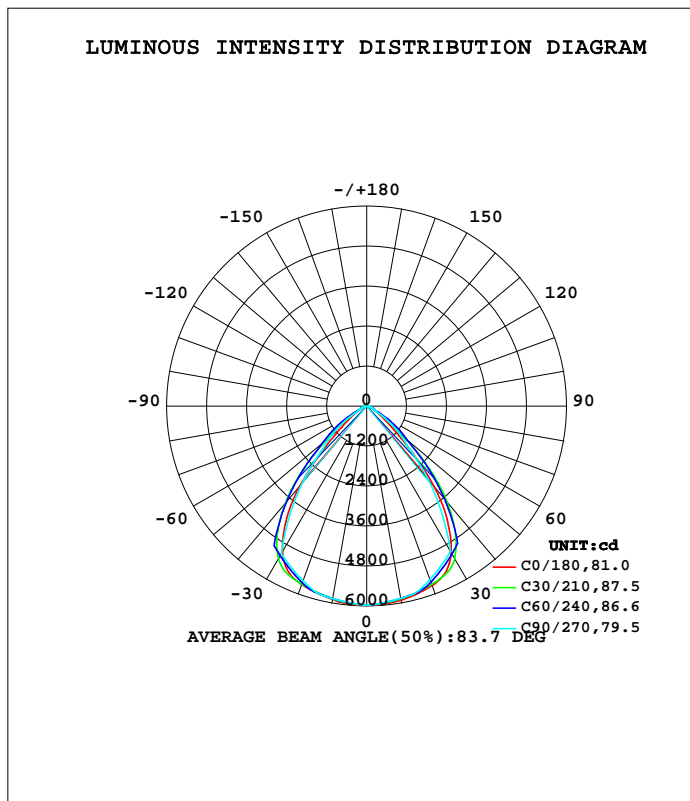


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.23 lm/W			
MODEL	80W	I _{max} (cd)	5977	S/MH(C0/180)	1.17
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)		TOTAL FLUX(lm)	10538	η UP, DN(C0-180)	0.0,49.6
NOMINAL FLUX(lm)	10537.5	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [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
5	5960	5927	5919	5927	5960	5930	5922	5930	0- 5	142.2	142.2	1.35,1.35
10	5914	5864	5860	5864	5885	5870	5868	5870	5- 10	422.2	564.4	5.36,5.36
15	5834	5792	5782	5780	5805	5789	5796	5800	10- 15	691.9	1256	11.9,11.9
20	5732	5700	5545	5692	5701	5705	5582	5711	15- 20	944.2	2201	20.9,20.9
25	5545	5492	5288	5484	5519	5512	5351	5518	20- 25	1166	3367	32,32
30	5071	5226	5031	5221	5056	5271	5120	5274	25- 30	1346	4712	44.7,44.7
35	4245	4860	3950	4857	4234	4933	4058	4929	30- 35	1427	6140	58.3,58.3
40	3138	4232	2868	4234	3118	4335	2995	4323	35- 40	1340	7480	71,71
45	1843	3061	1846	3047	1831	3157	1985	3147	40- 45	1095	8575	81.4,81.4
50	980.4	1950	1296	1928	971.8	2035	1399	2031	45- 50	770.6	9346	88.7,88.7
55	576.1	1012	805.6	980.1	572.8	1070	865.4	1071	50- 55	501.3	9847	93.4,93.4
60	324.3	581.6	314.8	561.3	320.1	609.1	331.9	611.0	55- 60	300.2	10147	96.3,96.3
65	219.7	302.6	226.7	295.4	218.5	313.9	239.2	315.2	60- 65	161.6	10309	97.8,97.8
70	145.2	156.6	146.0	155.1	144.7	161.3	154.6	161.9	65- 70	99.42	10408	98.8,98.8
75	90.43	94.47	95.61	93.55	90.38	97.18	101.8	97.53	70- 75	64.37	10473	99.4,99.4
80	48.22	52.78	53.31	52.40	47.47	54.60	57.68	54.50	75- 80	38.85	10511	99.8,99.8
85	15.64	22.60	23.19	22.60	15.09	23.96	26.56	23.49	80- 85	19.84	10531	99.9,99.9
90	0.6842	3.583	4.173	3.835	2.448	3.062	4.366	2.683	85- 90	5.723	10537	100,100
95	0	0	0	0	0	0	0	0	90- 95	0.5559	10538	100,100
100	0	0	0	0	0	0	0	0	95-100	0	10538	100,100
105	0	0	0	0	0	0	0	0	100-105	0	10538	100,100
110	0	0	0	0	0	0	0	0	105-110	0	10538	100,100
115	0	0	0	0	0	0	0	0	110-115	0	10538	100,100
120	0	0	0	0	0	0	0	0	115-120	0	10538	100,100
125	0	0	0	0	0	0	0	0	120-125	0	10538	100,100
130	0	0	0	0	0	0	0	0	125-130	0	10538	100,100
135	0	0	0	0	0	0	0	0	130-135	0	10538	100,100
140	0	0	0	0	0	0	0	0	135-140	0	10538	100,100
145	0	0	0	0	0	0	0	0	140-145	0	10538	100,100
150	0	0	0	0	0	0	0	0	145-150	0	10538	100,100
155	0	0	0	0	0	0	0	0	150-155	0	10538	100,100
160	0	0	0	0	0	0	0	0	155-160	0	10538	100,100
165	0	0	0	0	0	0	0	0	160-165	0	10538	100,100
170	0	0	0	0	0	0	0	0	165-170	0	10538	100,100
175	0	0	0	0	0	0	0	0	170-175	0	10538	100,100
180	0	0	0	0	0	0	0	0	175-180	0	10538	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 8575.1 lm

%lum = 81.4%
%lamp = 81.4%

Conical surface Flux(120deg): 10147 lm

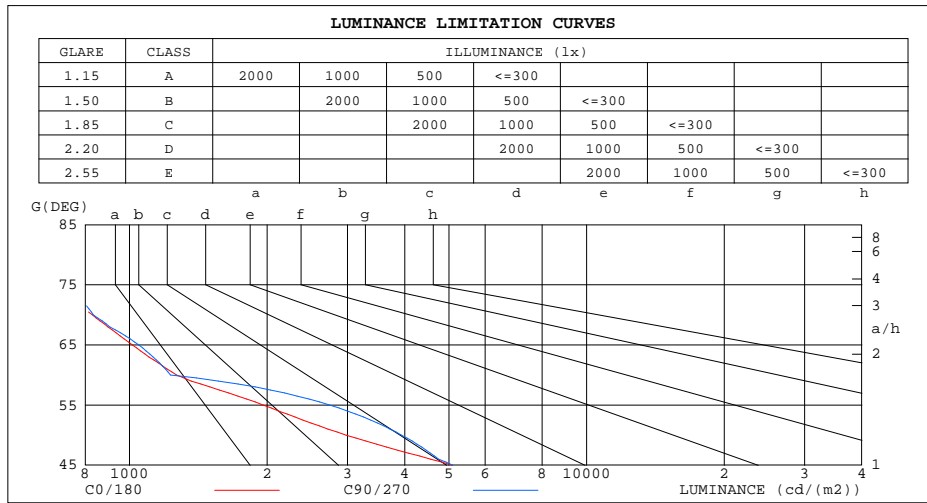
%lum = 96.3%
%lamp = 96.3%

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:32DEG
Operators:HUA
Test Date:2018-05-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity:43%
Test Distance:12.218m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	350	520
80	542	600
75	682	722
70	829	834
65	1015	1047
60	1267	1230
55	1962	2743
50	2979	3939
45	5090	5099

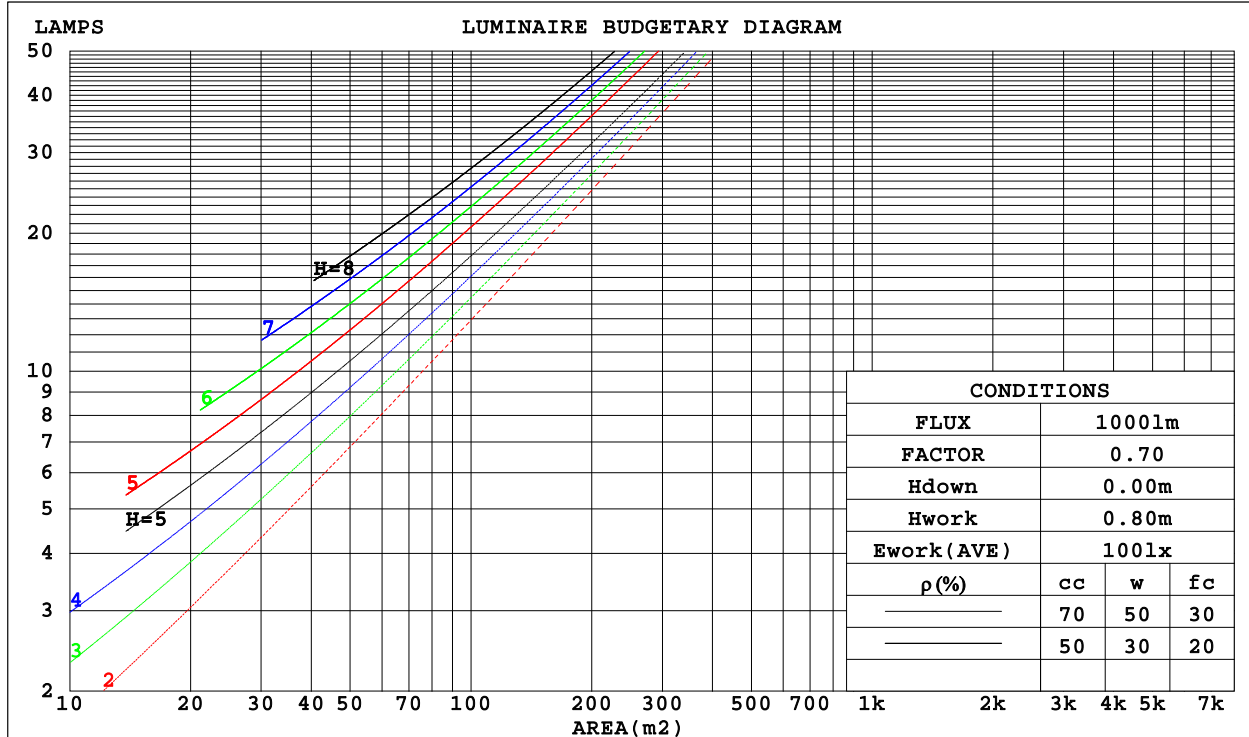
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.05	1.03	1.06	1.04	1.01	1.02	1.00	.98	.98	.97	.95	.95	.94	.92	.90
2.0	.99	.93	.89	.97	.92	.88	.93	.90	.86	.90	.87	.84	.87	.85	.83	.81
3.0	.90	.83	.78	.88	.82	.78	.85	.80	.76	.83	.79	.75	.80	.77	.74	.72
4.0	.82	.75	.69	.80	.74	.69	.78	.73	.68	.76	.71	.67	.74	.70	.66	.65
5.0	.75	.67	.62	.74	.67	.62	.72	.66	.61	.70	.65	.60	.68	.64	.60	.58
6.0	.68	.61	.56	.68	.61	.56	.66	.60	.55	.64	.59	.55	.63	.58	.54	.53
7.0	.63	.56	.50	.62	.55	.50	.61	.55	.50	.59	.54	.50	.58	.53	.49	.48
8.0	.58	.51	.46	.57	.51	.46	.56	.50	.46	.55	.49	.45	.54	.49	.45	.43
9.0	.54	.47	.42	.53	.47	.42	.52	.46	.42	.51	.46	.41	.50	.45	.41	.40
10.0	.50	.43	.39	.50	.43	.38	.49	.43	.38	.48	.42	.38	.47	.42	.38	.36



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.220	.125	.040	.213	.122	.039	.200	.115	.037	.189	.109	.035	.178	.103	.033	
2.0	.214	.117	.036	.208	.115	.035	.197	.110	.034	.187	.105	.033	.178	.100	.032	
3.0	.205	.109	.033	.200	.107	.032	.190	.103	.031	.181	.099	.030	.173	.096	.030	
4.0	.195	.101	.030	.190	.099	.029	.182	.096	.029	.174	.093	.028	.167	.091	.028	
5.0	.185	.094	.027	.181	.093	.027	.173	.090	.027	.166	.088	.026	.160	.085	.026	
6.0	.175	.088	.025	.172	.087	.025	.165	.085	.025	.159	.083	.024	.153	.081	.024	
7.0	.166	.082	.023	.163	.081	.023	.157	.080	.023	.152	.078	.023	.147	.076	.022	
8.0	.158	.077	.022	.155	.076	.022	.150	.075	.021	.145	.073	.021	.140	.072	.021	
9.0	.150	.073	.020	.148	.072	.020	.143	.071	.020	.139	.069	.020	.134	.068	.020	
10.0	.143	.069	.019	.141	.068	.019	.137	.067	.019	.132	.066	.019	.129	.065	.019	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.174	.157	.142	.149	.135	.122	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.162	.132	.107	.139	.114	.093	.095	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.152	.114	.084	.130	.098	.072	.089	.068	.051	.052	.040	.030	.017	.013	.010	
4.0	.143	.100	.066	.123	.086	.058	.085	.060	.041	.049	.035	.024	.016	.011	.008	
5.0	.136	.089	.054	.117	.077	.047	.080	.054	.033	.047	.032	.020	.015	.010	.006	
6.0	.129	.080	.045	.111	.069	.039	.077	.049	.028	.044	.029	.016	.014	.009	.005	
7.0	.123	.073	.038	.106	.063	.033	.073	.044	.023	.043	.026	.014	.014	.009	.005	
8.0	.118	.067	.032	.101	.058	.028	.070	.041	.020	.041	.024	.012	.013	.008	.004	
9.0	.112	.062	.028	.097	.054	.024	.067	.038	.017	.039	.022	.010	.013	.007	.003	
10.0	.108	.058	.025	.093	.050	.022	.064	.035	.015	.038	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:BLD20180523A05		
MFR.:					SUR.:0.253*0.253*8			Shielding 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	15.8	17.0	16.0	17.2	17.4	16.2	17.4	16.4	17.6	17.8
3H	15.8	16.9	16.0	17.1	17.3	16.1	17.2	16.4	17.5	17.7
4H	15.7	16.8	16.0	17.0	17.2	16.1	17.1	16.4	17.4	17.6
6H	15.7	16.6	16.0	16.9	17.1	16.0	17.0	16.4	17.3	17.5
8H	15.6	16.6	15.9	16.8	17.1	16.0	16.9	16.3	17.2	17.5
12H	15.6	16.5	15.9	16.8	17.0	16.0	16.9	16.3	17.2	17.4
4H 2H	15.8	16.8	16.1	17.0	17.3	16.1	17.2	16.4	17.4	17.6
3H	15.8	16.7	16.1	17.0	17.2	16.1	17.0	16.4	17.3	17.6
4H	15.8	16.6	16.1	16.9	17.2	16.1	16.9	16.5	17.2	17.5
6H	15.7	16.5	16.1	16.8	17.1	16.1	16.8	16.5	17.1	17.5
8H	15.7	16.4	16.1	16.7	17.1	16.1	16.7	16.5	17.1	17.5
12H	15.7	16.3	16.1	16.7	17.1	16.0	16.6	16.5	17.0	17.4
8H 4H	15.7	16.3	16.1	16.7	17.1	16.0	16.7	16.4	17.0	17.4
6H	15.7	16.2	16.1	16.6	17.0	16.0	16.6	16.5	17.0	17.4
8H	15.7	16.1	16.1	16.6	17.0	16.0	16.5	16.5	16.9	17.4
12H	15.7	16.1	16.1	16.5	17.0	16.0	16.4	16.5	16.9	17.3
12H 4H	15.6	16.3	16.1	16.6	17.0	16.0	16.6	16.4	16.9	17.3
6H	15.7	16.1	16.1	16.5	17.0	16.0	16.5	16.4	16.9	17.3
8H	15.6	16.1	16.1	16.5	17.0	16.0	16.4	16.5	16.8	17.3
Variations with the observer position at spacings:										
S = 1.0H	+ 2.3 / - 4.3					+ 2.0 / - 2.8				
1.5H	+ 2.0 / - 3.3					+ 1.3 / - 2.0				
2.0H	+ 3.2 / - 3.9					+ 2.5 / - 4.6				

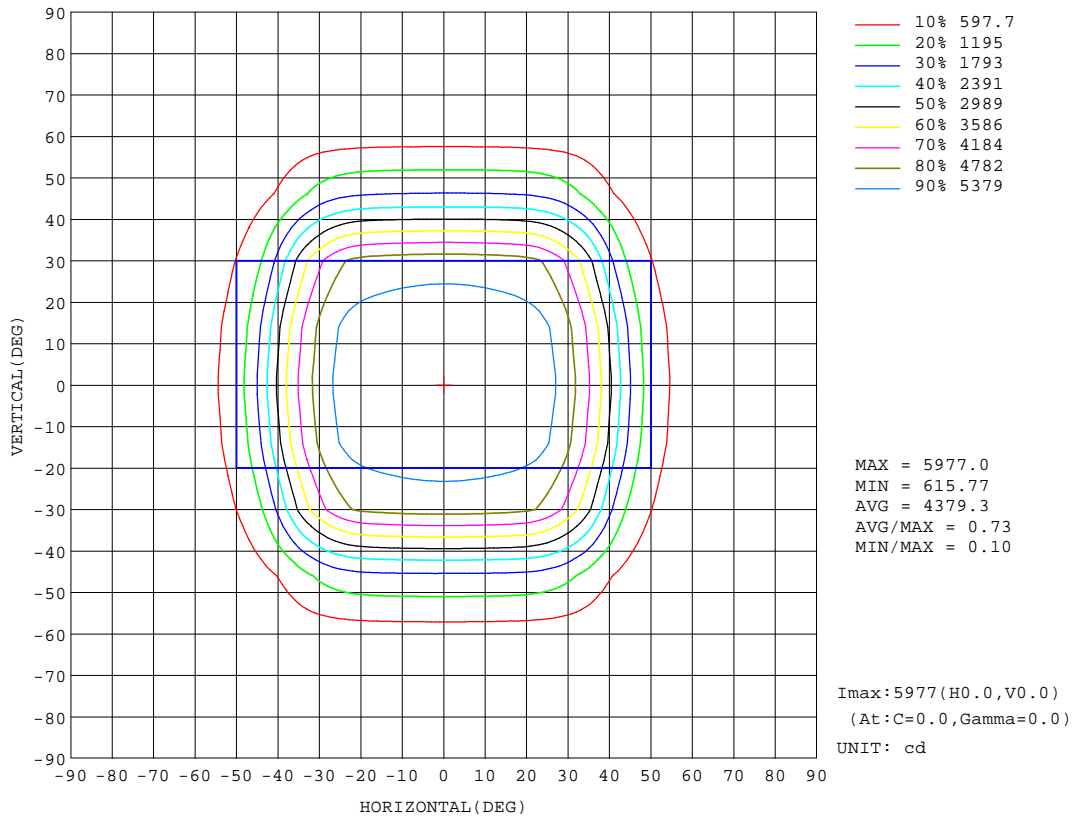
CIE Pub.117 Corrected 10538 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.2)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:



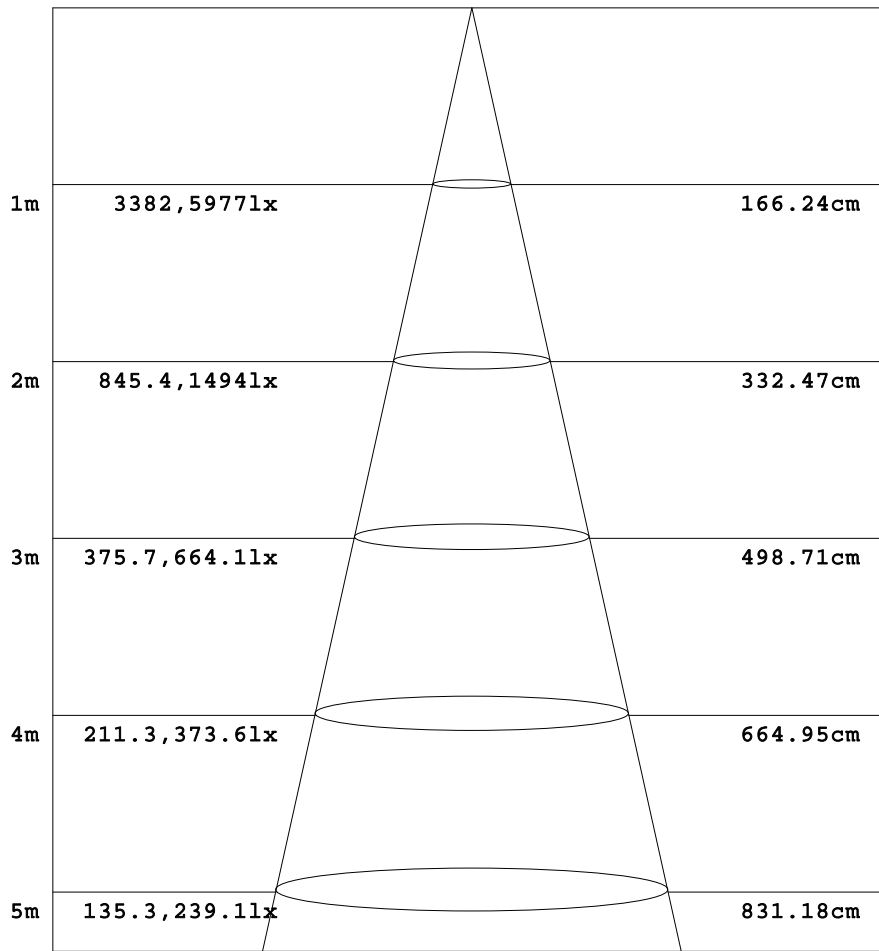
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks:

AAI Figure

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:

Flux out:7480 lm



Height Eavg, Emax Angle:79.47deg Diameter

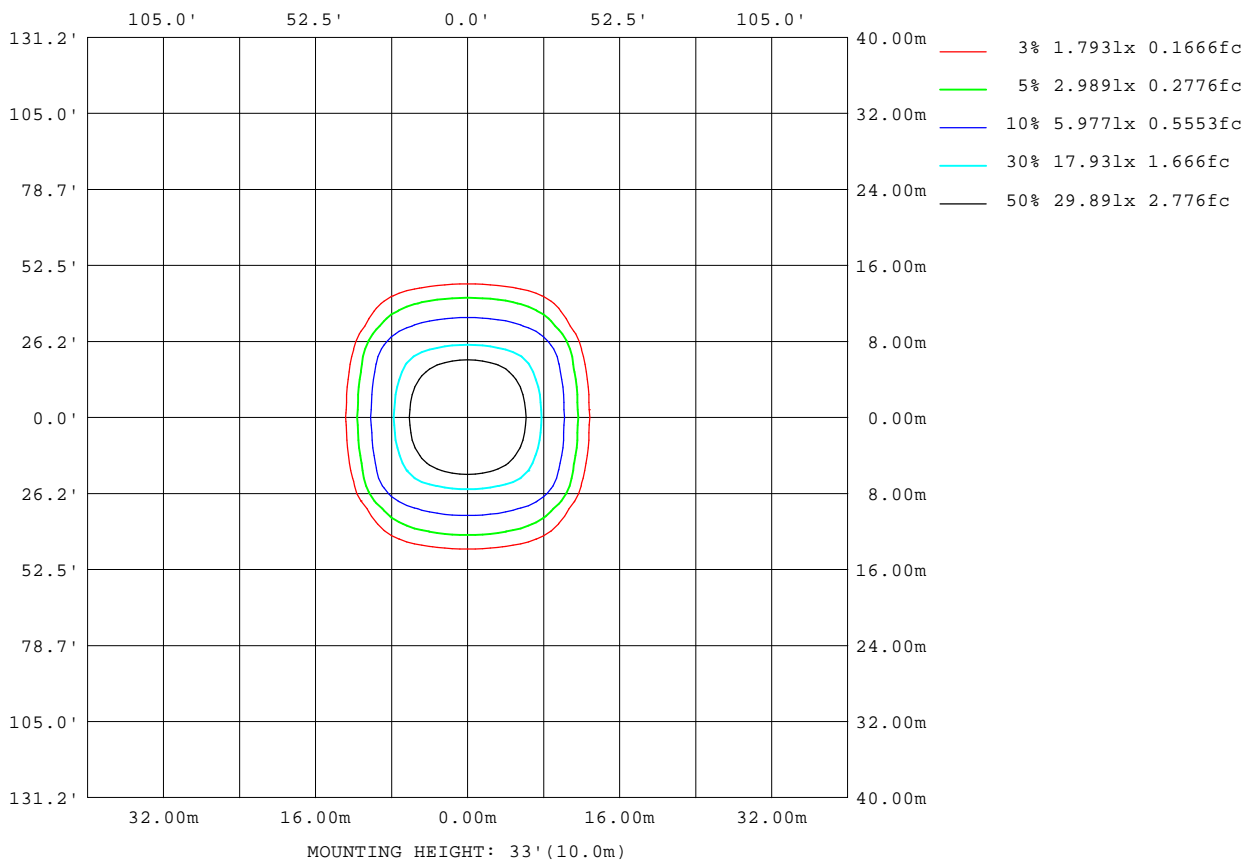
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:

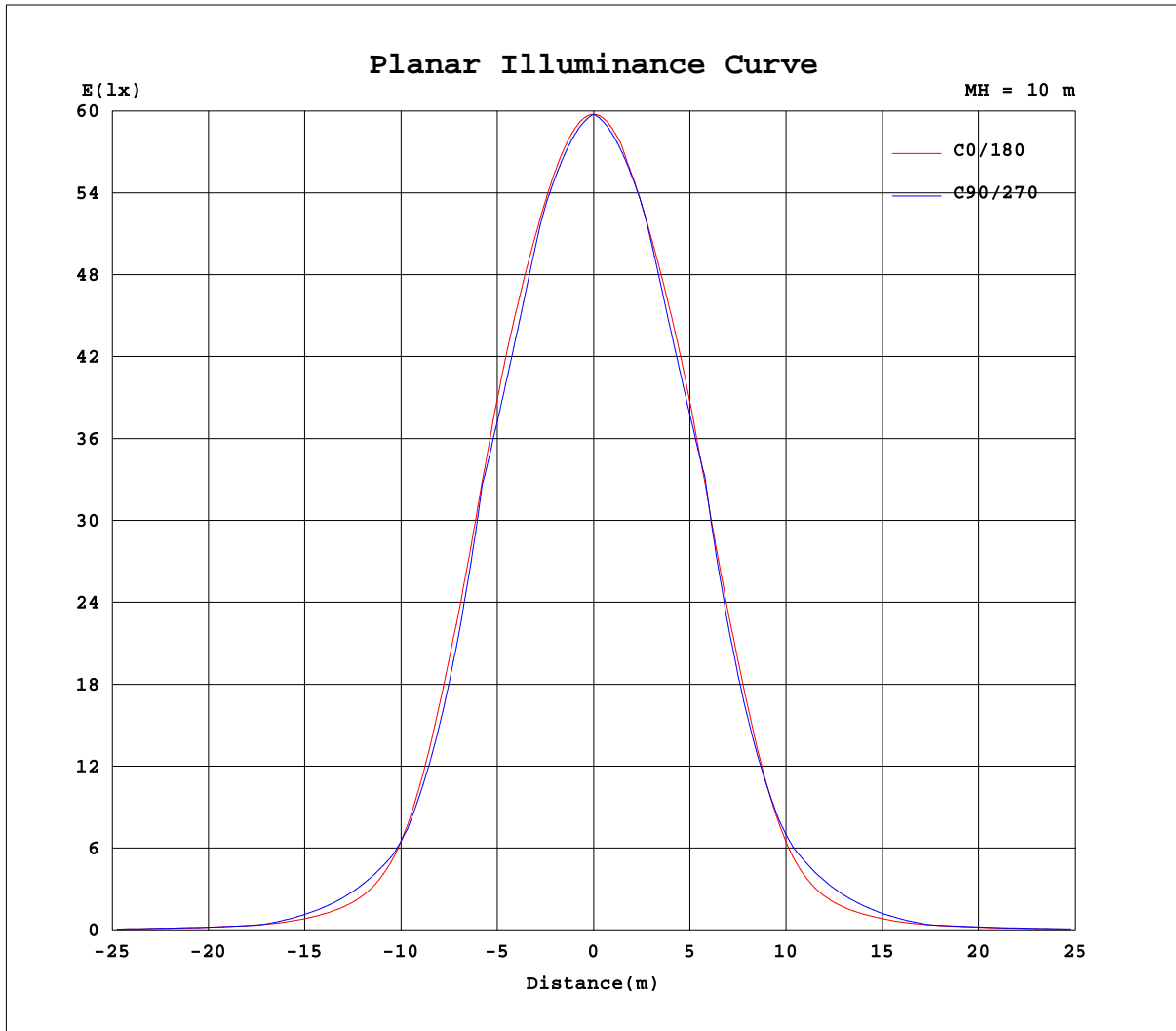
AvgL	cd/m2
L_0~180(65)av	1013
L_0~180(75)av	682
L_0~180(85)av	344
L_90~270(65)av	1077
L_90~270(75)av	745
L_90~270(85)av	558
L_45(65)av	1418
L_45(75)av	722
L_45(85)av	519

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 32DEG
Operators: HUA
Test Date: 2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity: 43%
Test Distance: 12.218m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977
5	5960	5955	5951	5946	5942	5939	5936	5933	5930	5927	5925	5923	5922	5921	5920	5919	5919	5918	5919
10	5914	5905	5896	5889	5883	5877	5873	5869	5866	5864	5863	5862	5861	5861	5860	5860	5860	5860	5860
15	5834	5822	5813	5805	5799	5795	5793	5791	5791	5792	5793	5794	5795	5797	5796	5790	5785	5783	5782
20	5732	5718	5707	5700	5696	5695	5696	5699	5703	5700	5683	5657	5627	5601	5580	5564	5553	5547	5545
25	5545	5528	5522	5529	5542	5559	5577	5574	5541	5492	5448	5409	5376	5348	5326	5308	5296	5290	5288
30	5071	5049	5060	5105	5172	5254	5288	5270	5251	5226	5194	5158	5123	5093	5070	5051	5039	5033	5031
35	4245	4219	4250	4335	4469	4574	4641	4718	4796	4860	4894	4892	4668	4447	4266	4127	4027	3969	3950
40	3138	3106	3170	3320	3497	3603	3760	3946	4135	4232	4082	3872	3631	3402	3209	3059	2952	2889	2868
45	1843	1823	1898	2065	2211	2405	2674	3005	3088	3061	2960	2790	2571	2344	2146	1989	1909	1862	1846
50	980	970	1014	1096	1186	1333	1554	1772	1922	1950	1874	1728	1603	1525	1447	1381	1333	1305	1296
55	576	569	599	616	658	723	807	912	977	1012	1097	1129	1092	1025	950	887	841	815	806
60	324	322	335	347	369	408	431	451	503	582	646	650	597	523	450	391	349	323	315
65	220	218	220	225	230	238	242	268	292	303	286	240	241	240	237	233	230	227	227
70	145	145	144	146	148	153	158	159	154	157	159	159	157	154	152	150	148	147	146
75	90.4	88.0	86.1	87.5	90.9	92.8	94.0	95.7	95.1	94.5	95.4	97.0	97.9	98.1	97.7	96.9	96.2	95.8	95.6
80	48.2	42.8	44.1	47.0	49.2	50.7	51.7	52.7	53.0	52.8	52.2	51.4	52.1	52.9	53.1	53.2	53.2	53.3	53.3
85	15.6	15.3	17.7	19.8	20.9	21.3	21.8	22.1	22.4	22.6	22.8	23.0	23.3	23.4	23.3	23.3	23.1	23.2	23.2
90	0.68	3.76	3.54	3.39	3.36	3.35	3.34	3.41	3.52	3.58	3.70	3.81	3.87	3.92	3.97	4.05	4.08	4.13	4.17
95	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
100	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
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: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977
5	5918	5919	5919	5920	5921	5922	5923	5925	5927	5930	5932	5935	5938	5942	5946	5950	5955	5960	5955
10	5860	5860	5859	5859	5860	5860	5861	5862	5864	5867	5869	5867	5867	5867	5869	5873	5878	5885	5879
15	5782	5784	5788	5794	5794	5793	5790	5784	5780	5777	5776	5775	5775	5778	5781	5787	5795	5805	5796
20	5546	5553	5563	5578	5598	5622	5651	5677	5692	5692	5686	5681	5677	5676	5677	5682	5690	5701	5691
25	5290	5296	5308	5323	5345	5372	5403	5441	5484	5532	5564	5565	5544	5524	5509	5500	5504	5519	5506
30	5033	5040	5051	5067	5090	5119	5152	5189	5221	5244	5262	5277	5241	5157	5089	5045	5034	5056	5037
35	3969	4028	4126	4265	4444	4664	4891	4891	4857	4793	4712	4630	4559	4450	4317	4232	4204	4234	4210
40	2890	2953	3059	3208	3400	3629	3869	4079	4234	4128	3933	3744	3576	3462	3280	3134	3078	3118	3087
45	1863	1910	1990	2145	2343	2568	2784	2954	3047	3077	2984	2643	2369	2167	2017	1862	1799	1831	1807
50	1306	1334	1382	1447	1523	1597	1717	1854	1928	1893	1744	1528	1302	1155	1065	991	956	972	960
55	815	842	887	950	1022	1086	1116	1073	980	948	890	789	710	647	602	583	560	573	563
60	323	349	391	450	522	594	641	630	561	485	439	420	401	360	340	327	317	320	318
65	227	230	233	236	239	240	238	282	295	286	261	238	234	227	223	217	216	218	216
70	147	148	149	151	153	156	158	157	155	152	157	156	151	146	144	142	143	145	144
75	95.7	96.0	96.6	97.3	97.5	97.2	96.1	94.4	93.6	94.3	94.9	93.5	92.2	89.9	86.5	84.6	85.3	90.4	89.7
80	53.2	53.1	53.0	52.8	52.4	51.7	51.1	51.9	52.4	52.6	52.4	51.3	50.4	49.0	46.7	43.2	41.8	47.5	48.7
85	23.2	23.2	23.2	23.3	23.3	23.2	23.0	22.8	22.6	22.4	22.1	21.8	21.2	20.9	19.5	17.3	14.4	15.1	18.0
90	4.18	4.18	4.16	4.14	4.11	4.06	4.01	3.94	3.84	3.75	3.71	3.68	3.68	3.69	3.70	3.75	3.81	2.45	1.02
95	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
100	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
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: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977
5	5951	5947	5943	5940	5937	5935	5932	5930	5928	5927	5925	5925	5924	5923	5923	5922	5922	5922	5923
10	5874	5871	5870	5870	5872	5874	5872	5870	5868	5867	5867	5867	5867	5867	5868	5868	5868	5868	5868
15	5790	5785	5782	5781	5781	5783	5786	5789	5794	5800	5804	5806	5806	5801	5798	5796	5796	5797	5799
20	5684	5681	5682	5684	5689	5695	5703	5705	5693	5672	5648	5627	5610	5598	5589	5584	5582	5584	5590
25	5505	5516	5532	5553	5575	5578	5553	5512	5476	5446	5419	5398	5380	5366	5358	5353	5351	5354	5359
30	5052	5099	5170	5256	5299	5294	5286	5271	5246	5217	5189	5166	5148	5134	5126	5121	5120	5122	5128
35	4243	4332	4470	4588	4672	4768	4859	4933	4974	4979	4757	4541	4365	4229	4133	4076	4058	4078	4136
40	3151	3305	3494	3621	3802	4007	4219	4335	4183	3977	3739	3514	3326	3180	3076	3015	2995	3017	3079
45	1879	2042	2205	2421	2714	3076	3173	3157	3070	2908	2696	2474	2281	2128	2048	2000	1985	2003	2051
50	1001	1081	1179	1342	1588	1817	1983	2035	1979	1851	1731	1647	1562	1490	1439	1408	1399	1410	1442
55	589	611	660	730	819	933	1012	1070	1176	1213	1176	1103	1023	954	904	875	865	876	906
60	330	344	369	411	436	462	518	609	687	695	640	560	480	415	369	341	332	341	369
65	219	225	230	238	245	273	300	314	300	252	254	254	250	246	242	240	239	240	242
70	145	148	150	155	159	161	158	161	165	166	165	162	160	158	156	155	155	155	156
75	90.6	91.7	93.5	95.1	95.9	97.5	97.3	97.2	98.6	101	103	103	103	103	102	102	102	102	102
80	48.8	49.7	50.6	51.3	52.3	53.8	54.4	54.6	54.5	54.2	55.3	56.3	56.9	57.3	57.4	57.6	57.7	57.6	57.4
85	17.8	18.3	19.8	20.5	21.6	22.5	23.3	24.0	24.5	25.2	25.7	26.1	26.3	26.4	26.5	26.6	26.6	26.4	26.3
90	1.03	1.11	1.41	1.72	2.09	2.42	2.74	3.06	3.33	3.58	3.79	3.96	4.11	4.23	4.35	4.38	4.37	4.26	4.15
95	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
100	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
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: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.3798A P:82.18W PF:0.9844 Lamp Flux:10537.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20180523A05
MFR.:	SUR.:0.253*0.253*8	Shielding Angle:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977	5977				
5	5923	5924	5925	5925	5927	5928	5930	5932	5935	5938	5940	5944	5947	5951	5956				
10	5868	5868	5868	5868	5868	5869	5870	5871	5874	5877	5881	5885	5891	5898	5905				
15	5802	5807	5808	5805	5803	5802	5800	5799	5798	5799	5800	5803	5808	5814	5823				
20	5600	5613	5630	5651	5677	5699	5711	5712	5707	5703	5701	5701	5704	5709	5719				
25	5369	5383	5401	5424	5451	5482	5518	5559	5585	5585	5566	5548	5534	5526	5530				
30	5138	5152	5171	5194	5222	5250	5274	5289	5297	5305	5265	5182	5113	5066	5052				
35	4233	4370	4546	4761	4981	4973	4929	4855	4765	4674	4595	4482	4345	4257	4223				
40	3184	3331	3519	3743	3976	4178	4323	4207	4002	3802	3633	3515	3332	3178	3110				
45	2133	2287	2480	2699	2906	3065	3147	3163	3066	2714	2431	2227	2075	1903	1825				
50	1495	1567	1651	1733	1851	1977	2031	1979	1813	1582	1349	1195	1101	1017	971				
55	956	1025	1105	1176	1214	1175	1071	1014	935	822	732	665	620	600	570				
60	415	480	559	639	694	686	611	522	465	440	414	373	349	335	322				
65	246	250	253	253	251	300	315	302	276	246	241	232	226	221	218				
70	158	160	162	165	166	165	162	158	162	160	156	152	148	146	146				
75	103	103	104	103	102	99.0	97.5	97.6	97.7	96.1	95.5	94.0	92.3	90.7	90.2				
80	57.2	56.9	56.3	55.2	54.2	54.5	54.5	54.2	53.5	52.0	50.8	50.3	49.5	48.8	48.4				
85	26.1	26.0	25.8	25.4	24.8	24.2	23.5	22.8	22.0	21.2	20.2	19.5	18.0	17.5	17.9				
90	3.97	3.83	3.65	3.49	3.29	3.01	2.68	2.41	2.09	1.76	1.51	1.21	1.01	1.01	1.01				
95	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				
100	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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:32DEG
 Operators:HUA
 Test Date:2018-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:43%
 Test Distance:12.218m [K=1.0000]
 Remarks: