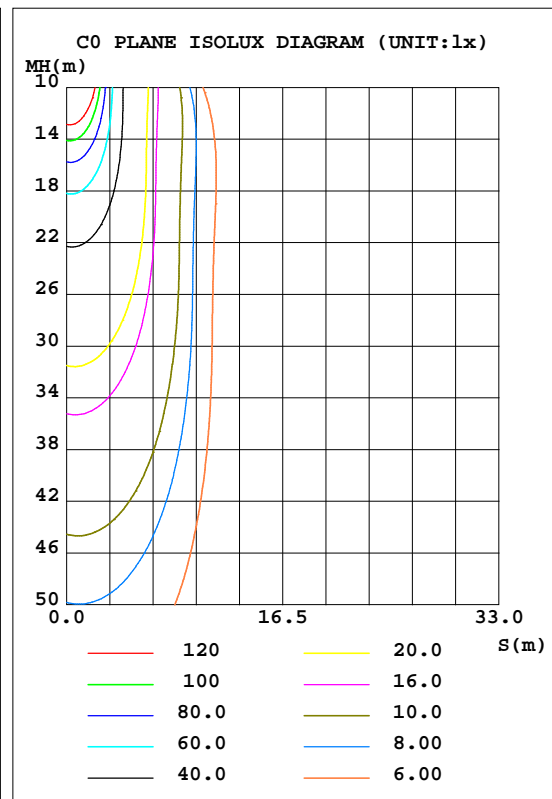
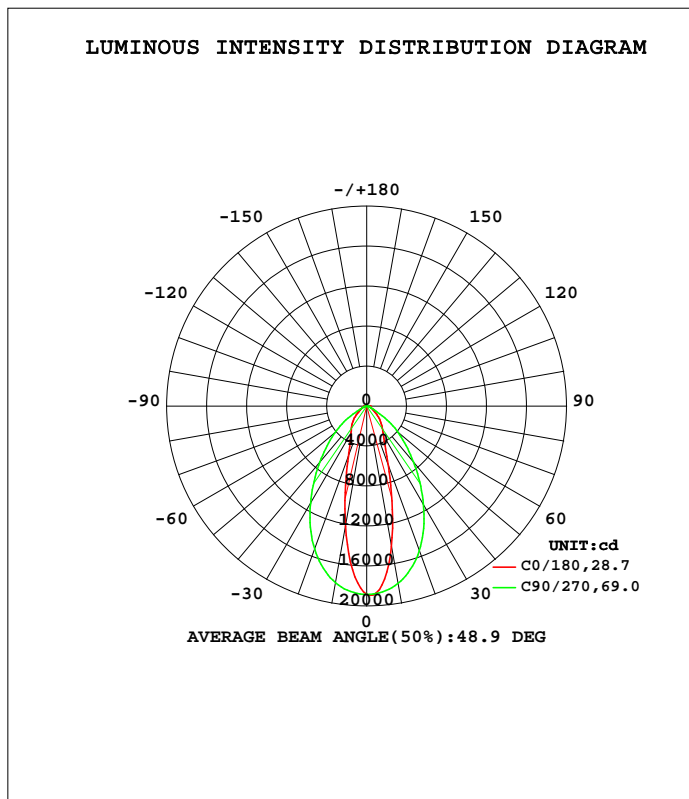


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.8V I:0.6872A P:148.6W PF:0.9838 Lamp Flux:17370.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160701A20
MFR.:	SUR.:0.25*0.4	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 116.93 lm/W			
MODEL	LL-150W	I <sub>max</sub> (cd)	20293	S/MH(C0/180)	0.44
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.98
RATED VOLTAGE(V)		TOTAL FLUX(lm)	17371	η UP, DN(C0-180)	0.1,48.8
NOMINAL FLUX(lm)	17370.5	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,51.0
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)		η down(%)	99.8	CIBSE SHR MAX	0.65



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:30DEG  
 Operators:Neiko  
 Test Date:2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:50%  
 Test Distance:12.218m [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	1429	1780	1802	1258	1224	1356	1796	1929	0- 10	1640	1640	9.44,9.44
20	638.2	1152	1541	715.8	538.8	788.3	1524	1335	10- 20	3561	5201	29.9,29.9
30	339.3	655.8	1137	448.6	317.1	467.4	1126	781.5	20- 30	3743	8943	51.5,51.5
40	226.7	387.6	729.9	302.3	226.6	306.3	729.2	458.8	30- 40	3288	12231	70.4,70.4
50	134.2	218.4	411.6	164.9	135.4	176.5	414.7	263.9	40- 50	2508	14739	84.9,84.9
60	75.98	90.85	124.6	67.50	77.26	75.73	133.0	111.0	50- 60	1455	16195	93.2,93.2
70	39.75	42.84	37.09	35.72	39.91	39.86	38.91	49.81	60- 70	640.0	16835	96.9,96.9
80	34.63	23.50	14.18	17.10	29.30	19.79	15.26	27.14	70- 80	339.3	17174	98.9,98.9
90	14.65	4.432	0.5556	0.9073	11.47	1.706	0.6858	7.817	80- 90	166.5	17340	99.8,99.8
100	0.2714	0.3758	0.6620	0.5184	0.1905	0.2825	0.4248	0.2348	90-100	16.45	17357	99.9,99.9
110	0.4490	0.6540	1.086	0.9191	0.3229	0.5283	0.7273	0.4192	100-110	5.152	17362	100,100
120	0.7473	1.082	1.583	1.514	0.5620	0.9226	1.123	0.7293	110-120	8.053	17370	100,100
130	0	0	0	0	0	0	0	0	120-130	0.4825	17371	100,100
140	0	0	0	0	0	0	0	0	130-140	0	17371	100,100
150	0	0	0	0	0	0	0	0	140-150	0	17371	100,100
160	0	0	0	0	0	0	0	0	150-160	0	17371	100,100
170	0	0	0	0	0	0	0	0	160-170	0	17371	100,100
180	0	0	0	0	0	0	0	0	170-180	0	17371	100,100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$								UNIT:lm			

Conical surface Flux(90deg): 13603 lm

%lum = 78.3%  
%lamp = 78.3%

Conical surface Flux(120deg): 16195 lm

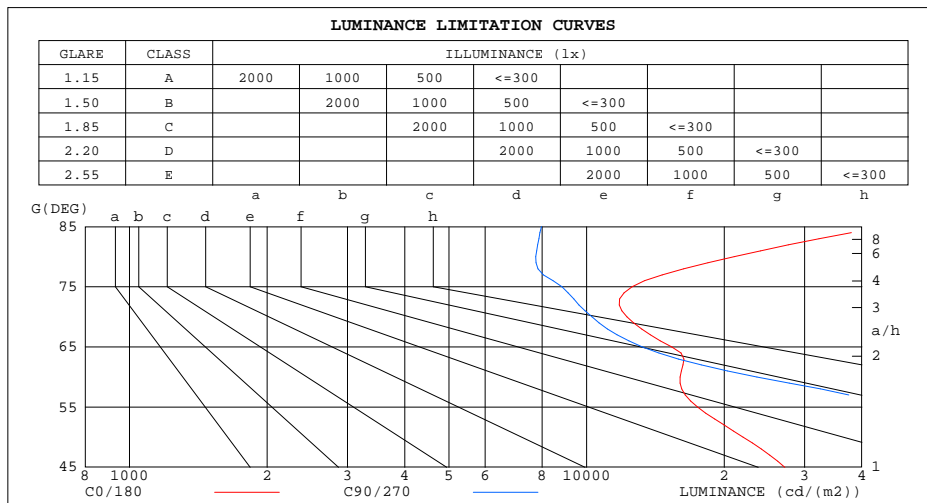
%lum = 93.2%  
%lamp = 93.2%

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Neiko  
Test Date:2016-07-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
Humidity:50%  
Test Distance:12.218m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.8V I:0.6872A P:148.6W PF:0.9838 Lamp Flux:17370.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160701A20
MFR.:	SUR.:0.25*0.4	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	44399	7963
80	21024	7737
75	12577	8828
70	12252	10278
65	15363	13246
60	16019	23607
55	17496	45505
50	22011	60682
45	27140	74835

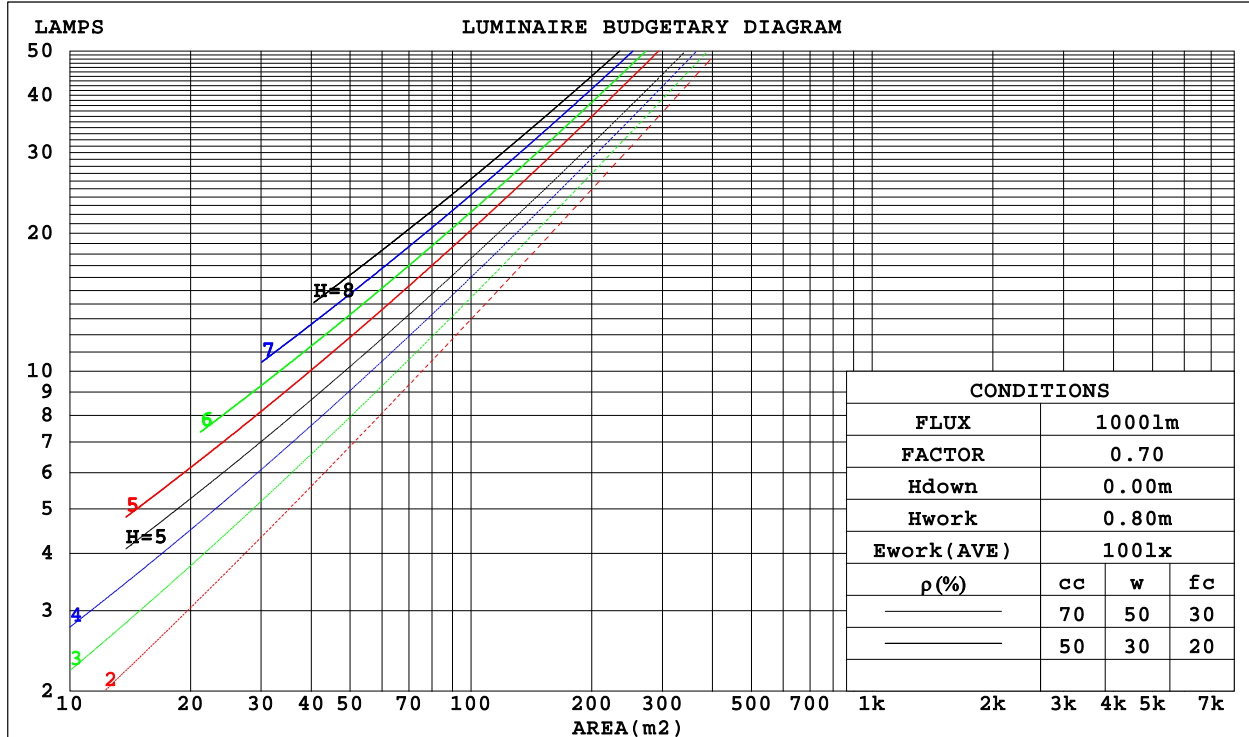
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:30DEG  
 Operators:Neiko  
 Test Date:2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:50%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.8V I:0.6872A P:148.6W PF:0.9838 Lamp Flux:17370.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160701A20
MFR.:	SUR.:0.25*0.4	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
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	1.08	1.05	1.02	1.06	1.03	1.01	1.02	.99	.97	.98	.96	.94	.94	.93	.92	.90
2.0	.98	.93	.89	.97	.92	.88	.93	.89	.86	.90	.87	.84	.87	.85	.82	.80
3.0	.90	.84	.79	.88	.83	.78	.86	.81	.77	.83	.79	.75	.81	.77	.74	.72
4.0	.82	.76	.70	.81	.75	.70	.79	.73	.69	.77	.72	.68	.75	.71	.67	.66
5.0	.76	.69	.64	.75	.68	.63	.73	.67	.63	.71	.66	.62	.69	.65	.61	.60
6.0	.70	.63	.58	.69	.63	.58	.68	.62	.57	.66	.61	.57	.65	.60	.56	.55
7.0	.65	.58	.53	.64	.58	.53	.63	.57	.53	.62	.56	.52	.61	.56	.52	.50
8.0	.61	.54	.49	.60	.54	.49	.59	.53	.49	.58	.52	.48	.57	.52	.48	.47
9.0	.57	.50	.46	.56	.50	.45	.55	.49	.45	.54	.49	.45	.53	.49	.45	.43
10.0	.54	.47	.42	.53	.47	.42	.52	.46	.42	.51	.46	.42	.50	.46	.42	.41



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:30DEG  
 Operators:Neiko  
 Test Date:2016-07-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:50%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:219.8V I:0.6872A P:148.6W PF:0.9838 Lamp Flux:17370.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160701A20
MFR.:	SUR.:0.25*0.4	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	.227	.129	.041	.220	.125	.040	.207	.119	.038	.195	.112	.036	.184	.107	.034	
2.0	.215	.118	.036	.210	.115	.036	.198	.110	.034	.188	.106	.033	.179	.101	.032	
3.0	.203	.108	.032	.198	.106	.032	.188	.102	.031	.179	.098	.030	.171	.095	.029	
4.0	.191	.099	.029	.186	.098	.029	.178	.094	.028	.170	.091	.028	.163	.089	.027	
5.0	.180	.092	.027	.176	.090	.026	.168	.088	.026	.161	.085	.025	.155	.083	.025	
6.0	.169	.085	.024	.166	.084	.024	.159	.082	.024	.153	.080	.023	.147	.078	.023	
7.0	.160	.079	.022	.157	.078	.022	.151	.076	.022	.146	.075	.022	.140	.073	.021	
8.0	.151	.074	.021	.149	.073	.021	.143	.072	.020	.138	.070	.020	.134	.069	.020	
9.0	.144	.069	.019	.141	.069	.019	.136	.067	.019	.132	.066	.019	.128	.065	.019	
10.0	.136	.065	.018	.134	.065	.018	.130	.064	.018	.126	.063	.018	.122	.061	.018	

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.176	.158	.142	.150	.136	.122	.103	.093	.085	.059	.054	.049	.019	.017	.016	
2.0	.163	.134	.109	.140	.115	.094	.096	.080	.065	.055	.046	.038	.018	.015	.013	
3.0	.153	.115	.085	.131	.099	.074	.090	.069	.052	.052	.040	.031	.017	.013	.010	
4.0	.144	.101	.068	.123	.087	.059	.085	.061	.042	.049	.036	.025	.016	.012	.008	
5.0	.136	.090	.056	.117	.078	.049	.080	.054	.034	.047	.032	.020	.015	.010	.007	
6.0	.129	.081	.047	.111	.070	.041	.076	.049	.029	.044	.029	.017	.014	.009	.006	
7.0	.122	.074	.040	.105	.064	.035	.073	.045	.025	.042	.026	.015	.014	.009	.005	
8.0	.116	.068	.034	.100	.059	.030	.069	.041	.021	.040	.024	.013	.013	.008	.004	
9.0	.111	.063	.030	.095	.054	.026	.066	.038	.019	.038	.023	.011	.012	.007	.004	
10.0	.106	.058	.027	.091	.051	.023	.063	.036	.017	.037	.021	.010	.012	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:30DEG  
 Operators:Neiko  
 Test Date:2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:50%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:219.8V I:0.6872A P:148.6W PF:0.9838 Lamp Flux:17370.5x1 lm											
NAME:		TYPE:				WEIGHT:					
SPEC.:		DIM.:				SERIAL No.:BLD20160701A20					
MFR.:		SUR.:0.25*0.4				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	20.7	21.8	20.9	22.0	22.2	25.7	26.8	25.9	27.0	27.2
	3H	21.3	22.4	21.6	22.6	22.8	25.7	26.8	26.0	27.0	27.2
	4H	21.6	22.7	21.9	22.9	23.1	25.7	26.7	26.0	27.0	27.2
	6H	22.2	23.2	22.5	23.4	23.7	25.7	26.7	26.0	26.9	27.2
	8H	22.8	23.7	23.1	24.0	24.2	25.7	26.6	26.0	26.9	27.1
	12H	23.6	24.5	24.0	24.8	25.1	25.7	26.5	26.0	26.8	27.1
4H	2H	21.1	22.1	21.4	22.4	22.6	25.5	26.6	25.8	26.8	27.0
	3H	21.9	22.8	22.3	23.1	23.4	25.7	26.6	26.0	26.9	27.1
	4H	22.4	23.2	22.7	23.5	23.8	25.8	26.6	26.1	26.9	27.2
	6H	23.1	23.8	23.5	24.1	24.5	25.8	26.5	26.2	26.9	27.2
	8H	23.7	24.4	24.1	24.8	25.1	25.9	26.5	26.3	26.9	27.3
	12H	24.8	25.4	25.2	25.8	26.2	25.9	26.5	26.3	26.9	27.3
8H	4H	22.5	23.2	22.9	23.6	23.9	25.7	26.4	26.1	26.8	27.1
	6H	23.4	24.0	23.9	24.4	24.8	25.9	26.5	26.4	26.9	27.3
	8H	24.2	24.7	24.7	25.1	25.5	26.0	26.5	26.5	26.9	27.4
	12H	25.4	25.9	25.9	26.3	26.8	26.1	26.5	26.6	27.0	27.4
12H	4H	22.6	23.2	23.0	23.5	23.9	25.7	26.3	26.1	26.7	27.1
	6H	23.5	24.0	23.9	24.4	24.8	25.9	26.4	26.4	26.8	27.3
	8H	24.3	24.7	24.8	25.2	25.6	26.0	26.5	26.5	26.9	27.4
Variations with the observer position at spacings:											
S = 1.0H		+ 0.6 / - 0.6					+ 0.9 / - 1.3				
1.5H		+ 0.4 / - 0.5					+ 1.1 / - 2.3				
2.0H		+ 0.6 / - 0.5					+ 2.8 / - 2.8				

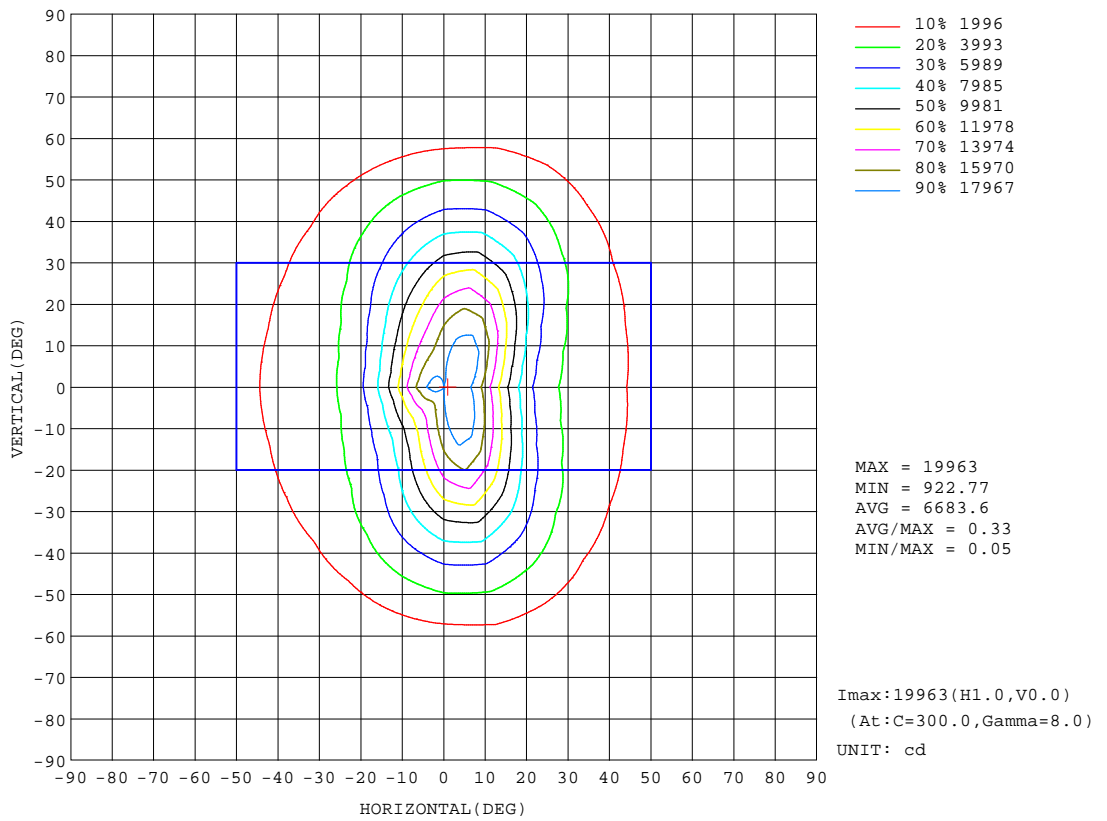
CIE Pub.117 Corrected 17371 lm Total Lamp Luminous Flux.(8log(F/F0) = 9.9)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Neiko  
Test Date:2016-07-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
Humidity:50%  
Test Distance:12.218m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.8V I:0.6872A P:148.6W PF:0.9838 Lamp Flux:17370.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160701A20
MFR.:	SUR.:0.25*0.4	Shielding Angle:



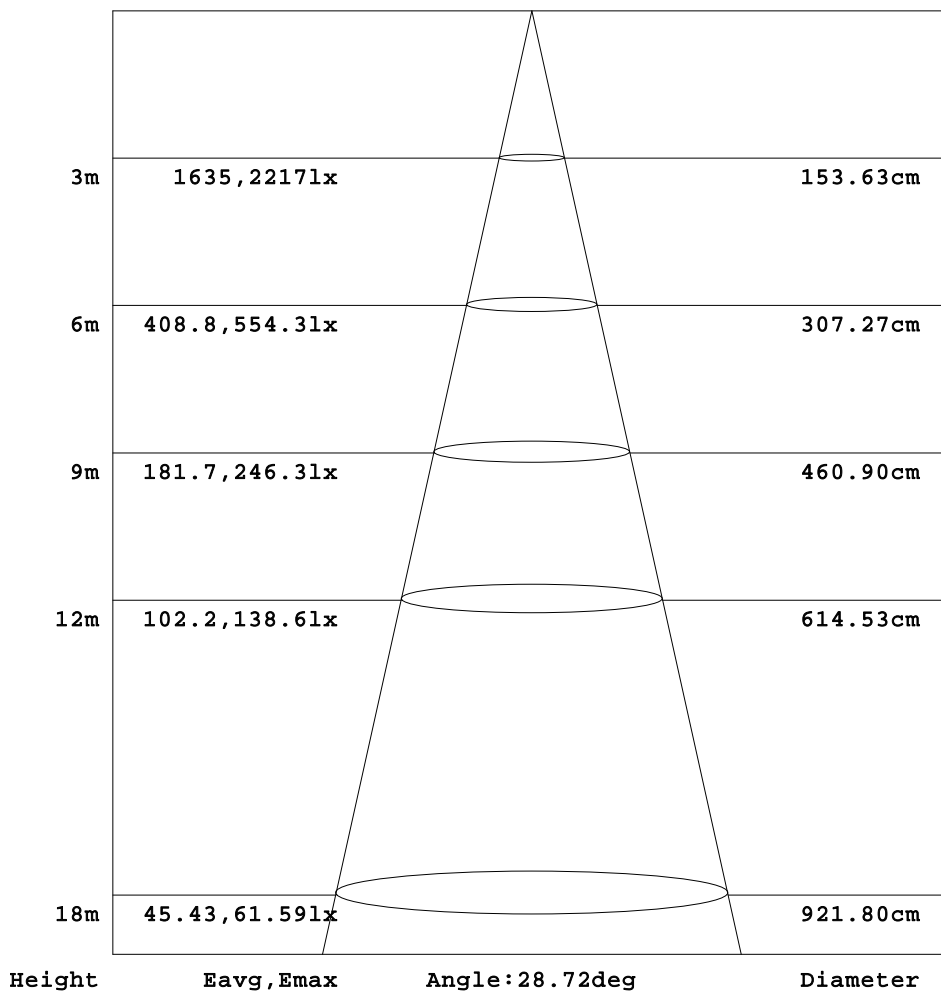
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:30DEG  
 Operators:Neiko  
 Test Date:2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:50%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:219.8V I:0.6872A P:148.6W PF:0.9838 Lamp Flux:17370.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160701A20
MFR.:	SUR.:0.25*0.4	Shielding Angle:

Flux out:3320 lm



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

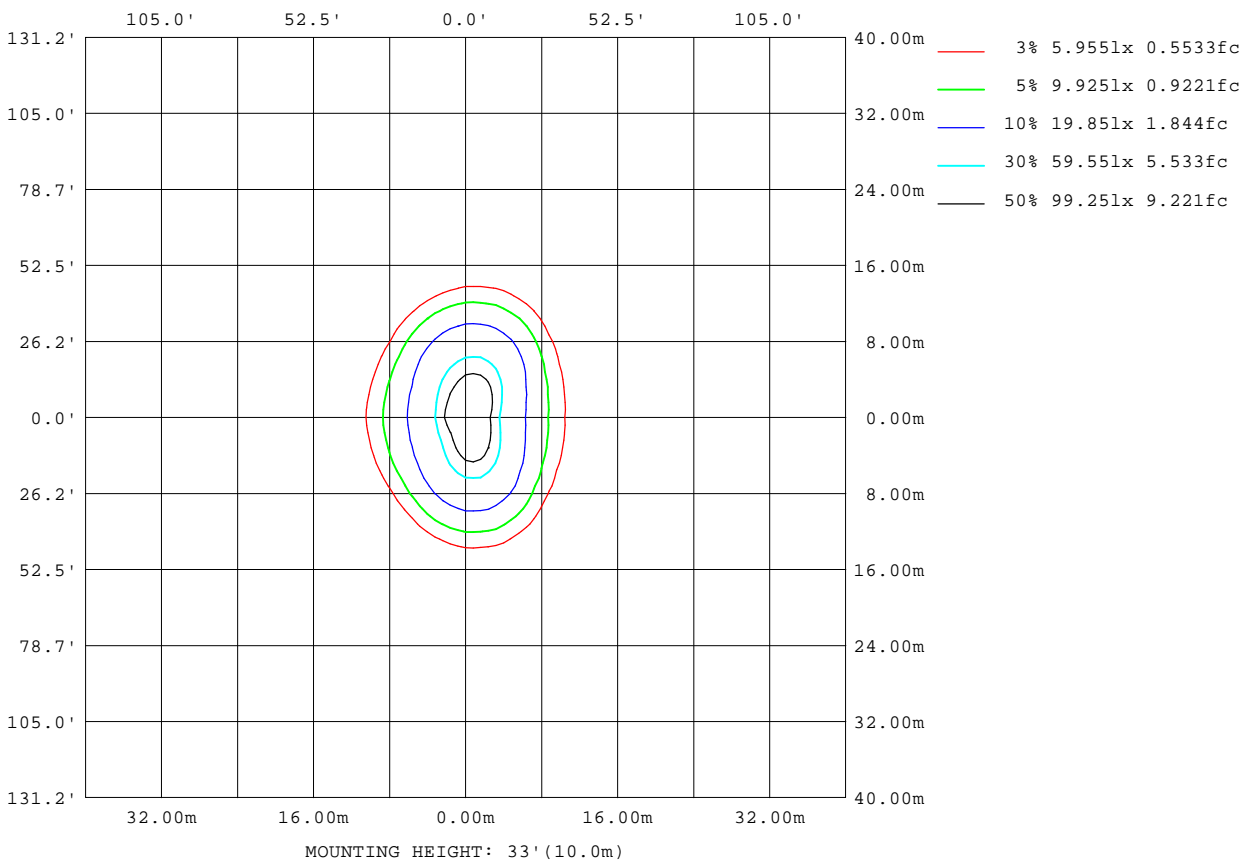
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 30DEG  
 Operators: Neiko  
 Test Date: 2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity: 50%  
 Test Distance: 12.218m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

Test:U:219.8V I:0.6872A P:148.6W PF:0.9838 Lamp Flux:17370.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160701A20
MFR.:	SUR.:0.25*0.4	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:30DEG  
 Operators:Neiko  
 Test Date:2016-07-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:50%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:219.8V I:0.6872A P:148.6W PF:0.9838 Lamp Flux:17370.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160701A20
MFR.:	SUR.:0.25*0.4	Shielding Angle:

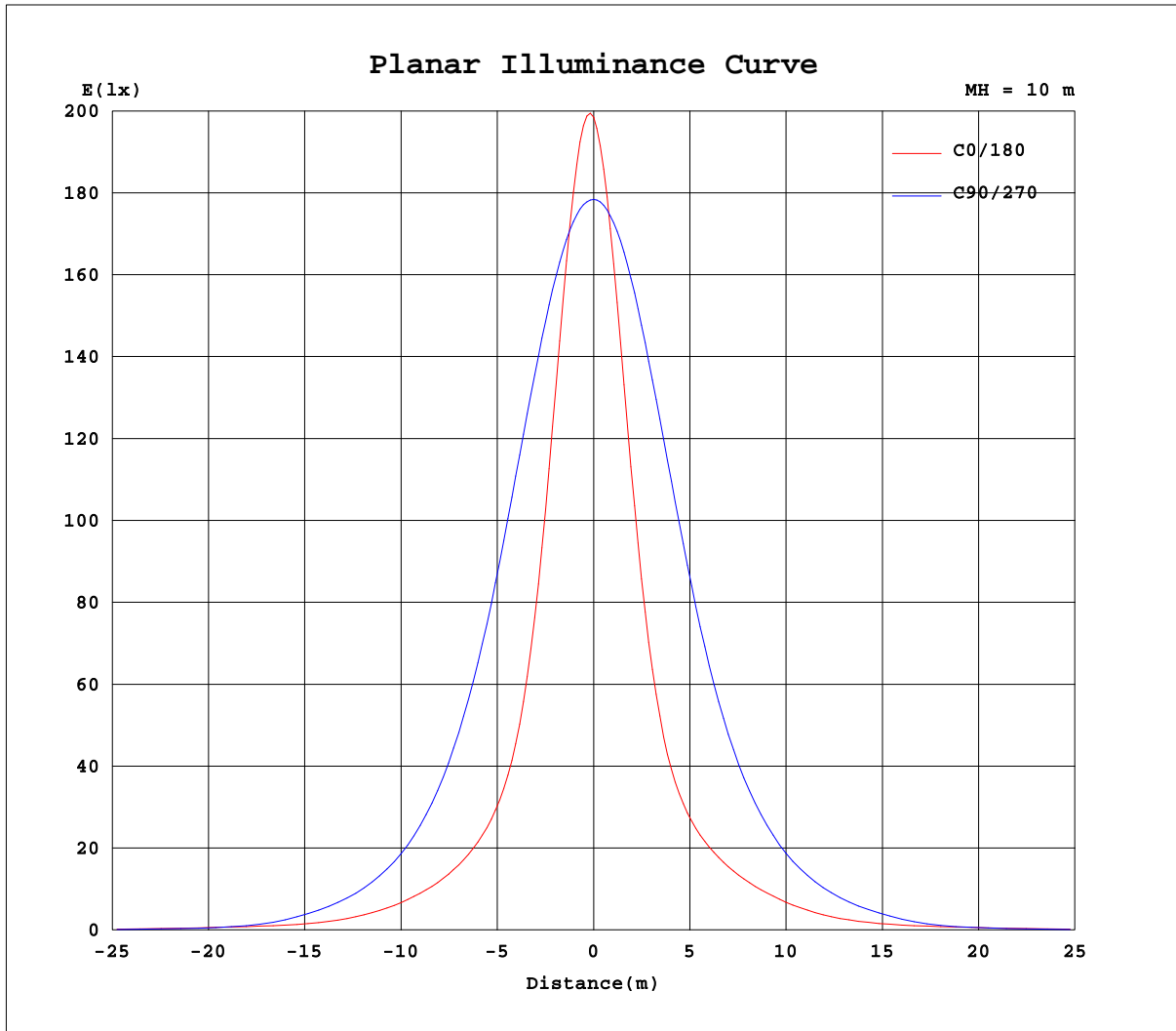
AvgL	cd/m2
L_0~180(65)av	14646
L_0~180(75)av	11941
L_0~180(85)av	36457
L_90~270(65)av	14273
L_90~270(75)av	9660
L_90~270(85)av	8834
L_45(65)av	13705
L_45(75)av	11981
L_45(85)av	14203

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:30DEG  
 Operators:Neiko  
 Test Date:2016-07-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:50%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 30DEG  
 Operators: Neiko  
 Test Date: 2016-07-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity: 50%  
 Test Distance: 12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.6872A P:148.6W PF:0.9838 Lamp Flux:17370.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160701A20
MFR.:	SUR.:0.25*0.4	Shielding Angle:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883
5	1795	1842	1887	1933	1959	1941	1865	1763	1663	1603	1597	1600	1644	1625	1637	1666	1712	1773	1862
10	1429	1515	1633	1780	1906	1930	1802	1603	1397	1258	1201	1174	1224	1212	1266	1356	1479	1622	1796
15	983	1077	1246	1486	1730	1839	1693	1419	1143	947	847	791	819	823	907	1043	1228	1438	1680
20	638	714	880	1152	1475	1672	1541	1235	930	716	599	533	539	553	638	788	1003	1247	1524
25	441	487	617	868	1202	1450	1350	1056	761	555	451	397	394	405	465	599	813	1061	1337
30	339	368	455	656	958	1200	1137	888	625	449	364	323	317	326	366	467	656	882	1126
35	276	296	356	500	755	960	927	730	512	370	304	273	268	274	302	376	526	721	918
40	227	242	286	388	587	749	730	582	413	302	252	229	227	229	250	306	423	579	729
45	182	193	224	298	446	568	558	454	321	235	198	182	184	183	200	242	333	454	561
50	134	144	166	218	326	418	412	333	229	165	142	132	135	135	147	176	245	335	415
55	95.2	101	113	147	219	285	275	214	142	104	93.6	90.8	96.0	94.1	99.1	116	159	220	283
60	76.0	71.9	75.4	90.8	128	162	125	118	84.0	67.5	64.1	66.3	77.3	68.5	68.1	75.7	96.7	127	133
65	61.6	55.7	54.9	59.9	74.0	79.1	59.1	65.9	56.0	48.3	48.4	52.4	62.2	53.5	50.7	53.4	62.9	71.5	61.6
70	39.8	42.9	42.1	42.8	48.8	46.3	37.1	42.7	41.1	35.7	37.9	38.4	39.9	40.3	39.4	39.9	44.4	45.5	38.9
75	30.9	30.6	32.8	30.6	35.6	31.8	24.1	30.7	32.1	27.2	29.3	29.1	30.9	30.1	31.2	29.4	34.3	31.8	25.9
80	34.6	26.6	23.7	23.5	26.6	23.0	14.2	21.9	17.3	17.1	20.2	25.4	29.3	24.8	21.6	19.8	21.3	22.8	15.3
85	36.7	26.8	17.0	13.9	12.9	13.4	7.32	8.93	7.14	7.62	11.6	18.2	26.8	21.5	14.0	10.7	9.06	10.2	8.07
90	14.7	15.2	8.62	4.43	3.97	2.39	0.56	0.69	0.67	0.91	2.45	5.62	11.5	9.91	4.96	1.71	1.26	0.81	0.69
95	0.9852	1.19	0.47	0.29	0.38	0.47	0.53	0.53	0.47	0.38	0.27	0.24	0.86	0.23	0.17	0.20	0.26	0.32	0.35
100	0.27	0.28	0.30	0.38	0.46	0.58	0.66	0.70	0.64	0.52	0.37	0.31	0.19	0.19	0.23	0.28	0.36	0.41	0.42
105	0.35	0.37	0.40	0.50	0.61	0.75	0.86	0.91	0.85	0.70	0.50	0.41	0.25	0.26	0.31	0.39	0.49	0.55	0.56
110	0.45	0.47	0.53	0.65	0.79	0.96	1.09	1.15	1.10	0.92	0.67	0.54	0.32	0.34	0.42	0.53	0.65	0.72	0.73
115	0.57	0.60	0.68	0.85	1.01	1.20	1.33	1.41	1.38	1.19	0.88	0.71	0.42	0.46	0.56	0.70	0.84	0.92	0.92
120	0.75	0.79	0.89	1.08	1.25	1.45	1.58	1.69	1.69	1.51	1.17	0.96	0.56	0.62	0.75	0.92	1.05	1.13	1.12
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:30DEG  
 Operators:Neiko  
 Test Date:2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:50%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.6872A P:148.6W PF:0.9838 Lamp Flux:17370.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160701A20
MFR.:	SUR.:0.25*0.4	Shielding Angle:

Table--2

UNIT: x10cd

C( DEG) γ (DEG)	285	300	315	330	345														
0	1883	1883	1883	1883	1883														
5	1947	2011	2011	1939	1870														
10	1942	2011	1929	1725	1560														
15	1850	1873	1671	1350	1125														
20	1686	1639	1335	973	752														
25	1476	1364	1026	688	512														
30	1235	1099	782	501	383														
35	994	867	597	387	307														
40	778	675	459	310	251														
45	594	514	353	246	201														
50	440	382	264	185	151														
55	305	264	181	127	105														
60	178	158	111	82.8	74.0														
65	86.6	88.6	70.1	58.9	57.4														
70	50.9	57.6	49.8	45.2	44.3														
75	35.2	41.5	36.8	35.5	32.1														
80	25.2	31.4	27.1	26.3	29.0														
85	15.5	16.4	17.3	19.3	26.3														
90	3.84	6.52	7.82	9.02	13.3														
95	0.36	0.36	0.78	1.16	1.18														
100	0.37	0.30	0.23	0.20	0.18														
105	0.49	0.40	0.31	0.27	0.24														
110	0.65	0.54	0.42	0.35	0.31														
115	0.83	0.70	0.56	0.46	0.40														
120	1.03	0.89	0.73	0.60	0.53														
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:30DEG  
 Operators:Neiko  
 Test Date:2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:50%  
 Test Distance:12.218m [K=1.0000]  
 Remarks: