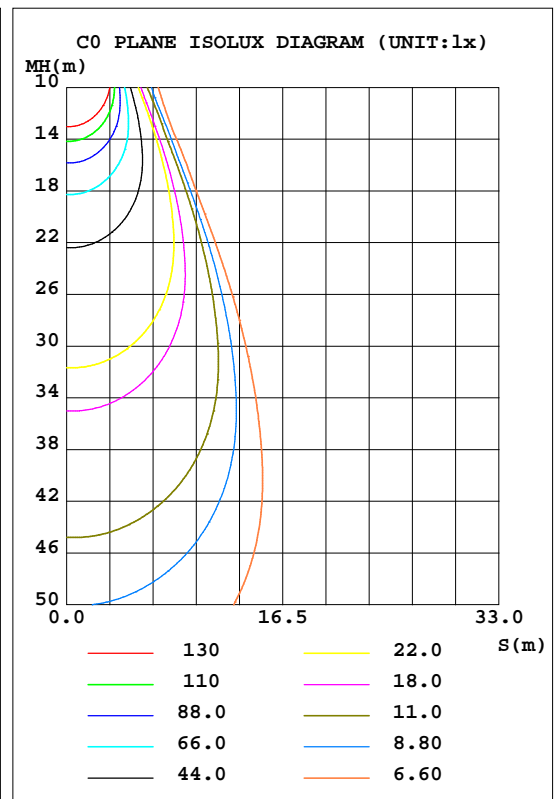
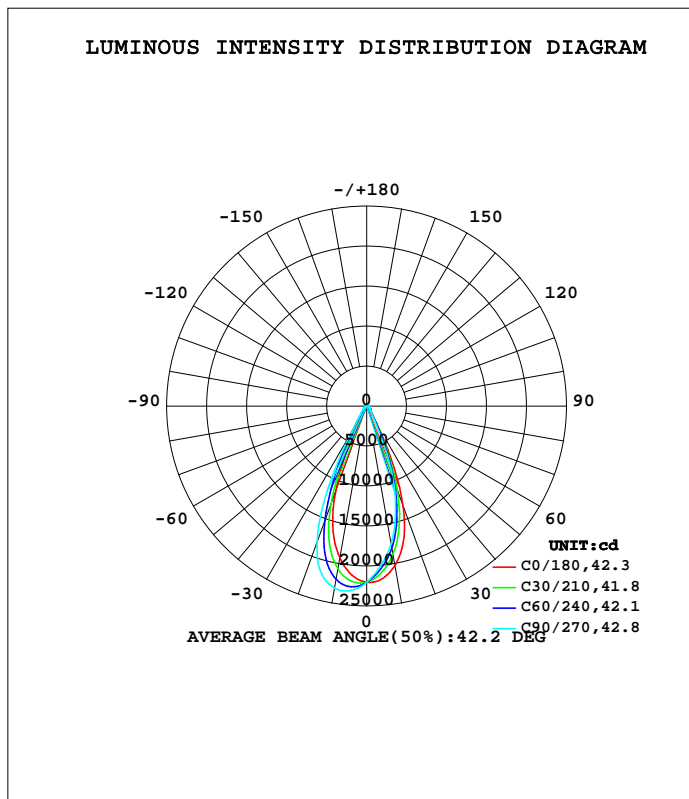


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.0V I:0.4264A P:95.72W PF:0.9760 Lamp Flux:12360.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160908P20
MFR.:	SUR.:0.083*0.235*2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.13 lm/W			
MODEL	0.6M-100W-50D	I <sub>max</sub> (cd)	23449	S/MH(C0/180)	0.62
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	0.73
RATED VOLTAGE(V)		TOTAL FLUX(lm)	12360	η UP, DN(C0-180)	0.0,42.2
NOMINAL FLUX(lm)	12360.2	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,57.7
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)		η down(%)	99.9	CIBSE SHR MAX	0.65



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:NEIKO  
 Test Date:2016-09-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:60%  
 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	2028	1844	1755	1740	1933	2132	2314	2289	0- 10	2008	2008	16.2,16.2
20	1342	1063	966.6	913.6	1142	1416	1822	1801	10- 20	4734	6742	54.5,54.5
30	252.2	231.6	183.3	154.6	180.9	309.0	407.0	542.0	20- 30	3347	10089	81.6,81.6
40	81.69	66.20	76.93	55.42	69.02	68.35	99.84	85.35	30- 40	849.6	10938	88.5,88.5
50	50.31	43.63	48.60	40.59	44.90	42.91	54.12	47.06	40- 50	443.1	11381	92.1,92.1
60	35.63	33.56	36.42	32.35	33.78	32.06	35.53	33.78	50- 60	352.6	11734	94.9,94.9
70	27.31	26.43	28.16	25.67	27.08	24.09	25.49	25.52	60- 70	296.4	12030	97.3,97.3
80	18.41	15.95	14.18	14.89	16.16	13.61	13.28	15.28	70- 80	219.6	12250	99.1,99.1
90	2.310	2.729	0.7133	1.243	1.801	1.443	0.7245	3.070	80- 90	103.9	12354	99.9,99.9
100	0.1160	0.2150	0.5502	0.2008	0.0854	0.1602	0.3770	0.1882	90-100	6.184	12360	100,100
110	0	0	0	0	0	0	0	0	100-110	0.1257	12360	100,100
120	0	0	0	0	0	0	0	0	110-120	0	12360	100,100
130	0	0	0	0	0	0	0	0	120-130	0	12360	100,100
140	0	0	0	0	0	0	0	0	130-140	0	12360	100,100
150	0	0	0	0	0	0	0	0	140-150	0	12360	100,100
160	0	0	0	0	0	0	0	0	150-160	0	12360	100,100
170	0	0	0	0	0	0	0	0	160-170	0	12360	100,100
180	0	0	0	0	0	0	0	0	170-180	0	12360	100,100
DEG	LUMINOUS INTENSITY: $\times 10$ cd								UNIT:lm			

Conical surface Flux(90deg): 11177 lm

%lum = 90.4%  
%lamp = 90.4%

Conical surface Flux(120deg): 11734 lm

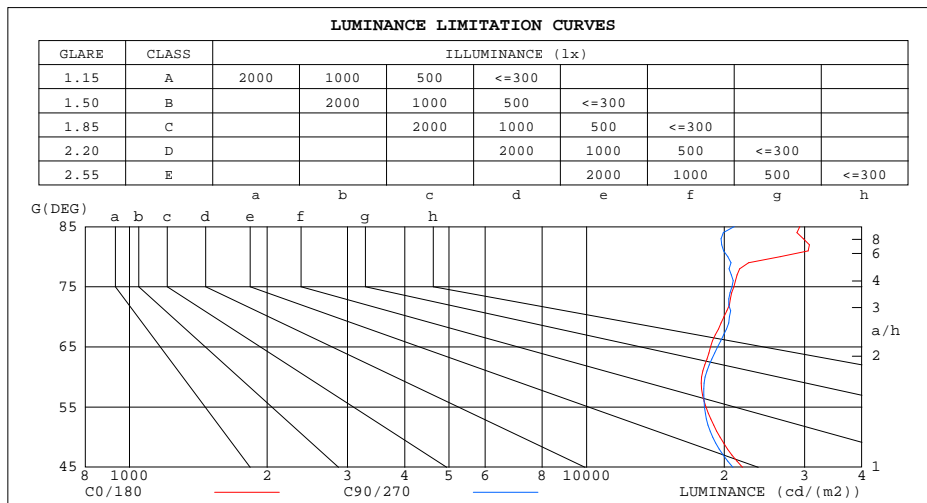
%lum = 94.9%  
%lamp = 94.9%

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:NEIKO  
Test Date:2016-09-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
Humidity:60%  
Test Distance:12.218m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.0V I:0.4264A P:95.72W PF:0.9760 Lamp Flux:12360.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160908P20
MFR.:	SUR.:0.083*0.235*2	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	29300	21029
80	26532	20372
75	20990	20809
70	19988	20549
65	18669	19353
60	17838	18179
55	18247	18117
50	19591	18868
45	21931	20897

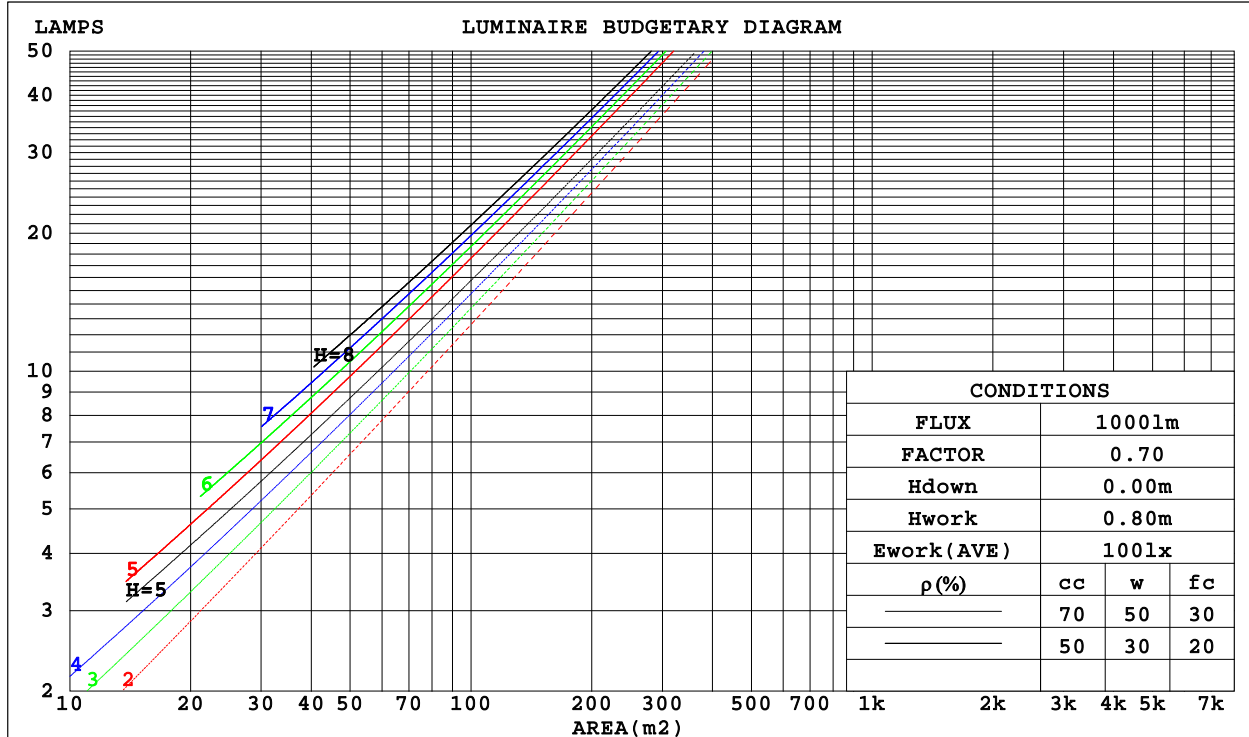
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: NEIKO  
 Test Date: 2016-09-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity: 60%  
 Test Distance: 12.218m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.0V I:0.4264A P:95.72W PF:0.9760 Lamp Flux:12360.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160908P20
MFR.:	SUR.:0.083*0.235*2	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	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2.0	1.03	.99	.95	1.01	.97	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.87
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.90	.87	.84	.88	.85	.83	.81
4.0	.91	.85	.81	.90	.85	.81	.87	.83	.80	.85	.82	.79	.84	.81	.78	.76
5.0	.86	.80	.76	.85	.80	.76	.83	.79	.75	.81	.77	.74	.80	.76	.74	.72
6.0	.81	.76	.72	.81	.75	.71	.79	.74	.71	.78	.74	.70	.76	.73	.70	.69
7.0	.77	.72	.68	.77	.71	.68	.75	.71	.67	.74	.70	.67	.73	.69	.67	.65
8.0	.74	.68	.64	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.64	.62
9.0	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.64	.61	.59
10.0	.68	.62	.59	.67	.62	.59	.66	.62	.58	.66	.61	.58	.65	.61	.58	.57



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:NEIKO  
 Test Date:2016-09-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:60%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:230.0V I:0.4264A P:95.72W PF:0.9760 Lamp Flux:12360.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160908P20
MFR.:	SUR.:0.083*0.235*2	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	.188	.107	.034	.181	.103	.033	.168	.096	.031	.156	.090	.029	.146	.084	.027	
2.0	.174	.095	.029	.168	.093	.028	.157	.087	.027	.147	.083	.026	.138	.078	.025	
3.0	.161	.086	.026	.157	.084	.025	.148	.080	.024	.139	.076	.023	.131	.073	.023	
4.0	.151	.078	.023	.147	.077	.023	.139	.074	.022	.132	.071	.021	.125	.068	.021	
5.0	.142	.072	.021	.138	.071	.021	.131	.068	.020	.125	.066	.020	.119	.064	.019	
6.0	.133	.067	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018	.114	.060	.018	
7.0	.126	.062	.018	.124	.062	.018	.118	.060	.017	.114	.058	.017	.109	.057	.017	
8.0	.120	.059	.016	.118	.058	.016	.113	.056	.016	.109	.055	.016	.105	.054	.016	
9.0	.114	.055	.015	.112	.055	.015	.108	.053	.015	.104	.052	.015	.101	.051	.015	
10.0	.109	.052	.015	.107	.052	.014	.104	.051	.014	.100	.050	.014	.097	.049	.014	

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	.172	.158	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.133	.113	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.090	.123	.098	.078	.085	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.086	.064	.078	.060	.045	.045	.035	.027	.015	.011	.009	
5.0	.124	.087	.061	.106	.076	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.116	.078	.051	.099	.068	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.038	.064	.043	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.064	.037	.088	.055	.033	.061	.039	.023	.035	.023	.014	.011	.008	.005	
9.0	.097	.059	.033	.083	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.092	.054	.029	.079	.047	.025	.055	.033	.018	.032	.020	.011	.010	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:NEIKO  
 Test Date:2016-09-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:60%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:230.0V I:0.4264A P:95.72W PF:0.9760 Lamp Flux:12360.2x1 lm											
NAME:		TYPE:				WEIGHT:					
SPEC.:		DIM.:				SERIAL No.:BLD20160908P20					
MFR.:		SUR.:0.083*0.235*2				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	17.5	18.4	17.7	18.6	18.7	17.5	18.4	17.7	18.6	18.7
	3H	19.4	20.2	19.7	20.4	20.6	19.5	20.3	19.8	20.5	20.7
	4H	20.4	21.2	20.7	21.4	21.6	20.5	21.3	20.7	21.5	21.7
	6H	21.3	22.1	21.6	22.3	22.6	21.2	22.0	21.5	22.2	22.5
	8H	22.0	22.7	22.3	23.0	23.2	21.5	22.2	21.8	22.5	22.8
	12H	22.4	23.1	22.7	23.3	23.6	21.7	22.4	22.1	22.7	23.0
4H	2H	18.2	19.0	18.5	19.2	19.4	18.2	19.0	18.5	19.2	19.4
	3H	20.3	21.0	20.7	21.3	21.6	20.4	21.1	20.7	21.4	21.7
	4H	21.5	22.1	21.8	22.4	22.7	21.5	22.2	21.9	22.5	22.8
	6H	22.6	23.2	23.0	23.5	23.9	22.5	23.1	22.9	23.4	23.8
	8H	23.4	23.9	23.8	24.3	24.6	22.9	23.4	23.3	23.7	24.1
	12H	23.8	24.3	24.3	24.7	25.1	23.1	23.6	23.6	24.0	24.4
8H	4H	21.9	22.5	22.3	22.8	23.2	22.0	22.5	22.4	22.9	23.2
	6H	23.3	23.8	23.8	24.2	24.6	23.2	23.6	23.6	24.0	24.4
	8H	24.3	24.7	24.7	25.1	25.5	23.7	24.1	24.1	24.5	24.9
	12H	24.9	25.2	25.4	25.7	26.2	24.1	24.5	24.6	24.9	25.4
12H	4H	22.0	22.5	22.4	22.9	23.3	22.1	22.6	22.5	22.9	23.3
	6H	23.5	23.9	24.0	24.3	24.8	23.4	23.8	23.8	24.2	24.6
	8H	24.5	24.9	25.0	25.3	25.8	24.0	24.3	24.4	24.7	25.2
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2				+ 0.1 / - 0.2					
1.5H		+ 0.1 / - 0.2				+ 0.1 / - 0.1					
2.0H		+ 0.3 / - 0.3				+ 0.1 / - 0.1					

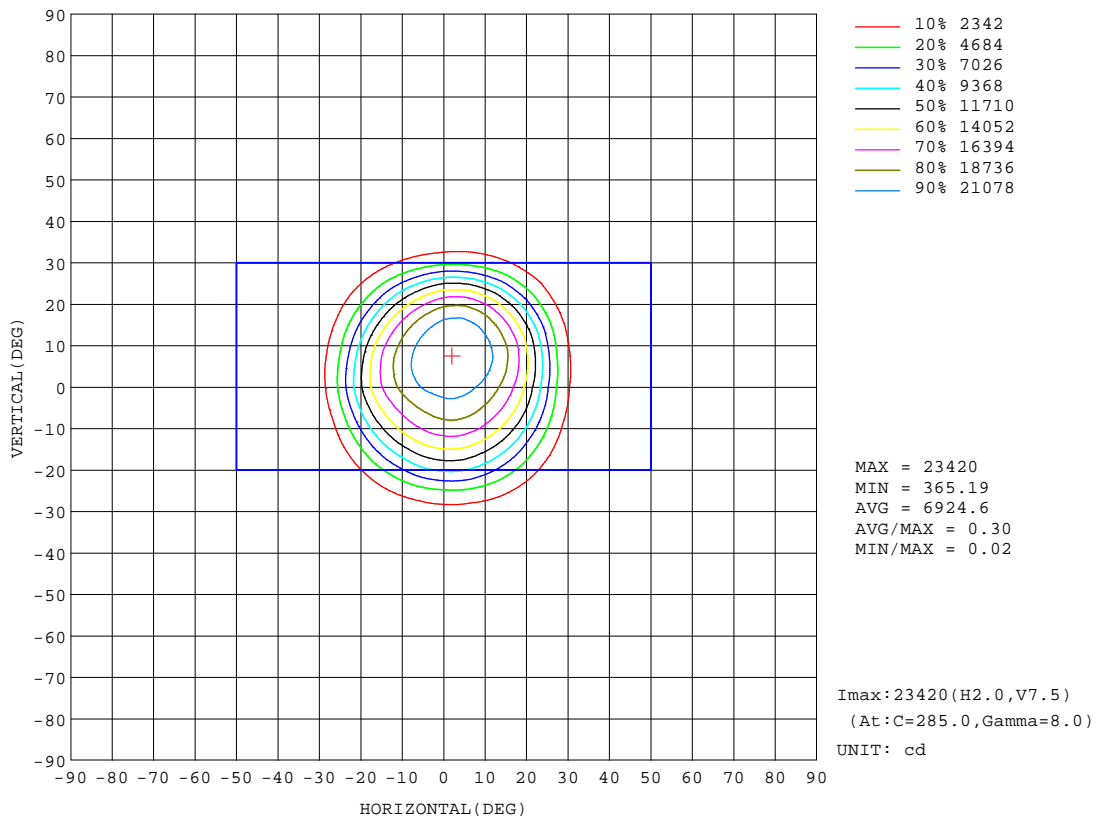
CIE Pub.117 Corrected 12360 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.7)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:NEIKO  
Test Date:2016-09-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
Humidity:60%  
Test Distance:12.218m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.0V I:0.4264A P:95.72W PF:0.9760 Lamp Flux:12360.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160908P20
MFR.:	SUR.:0.083*0.235*2	Shielding Angle:



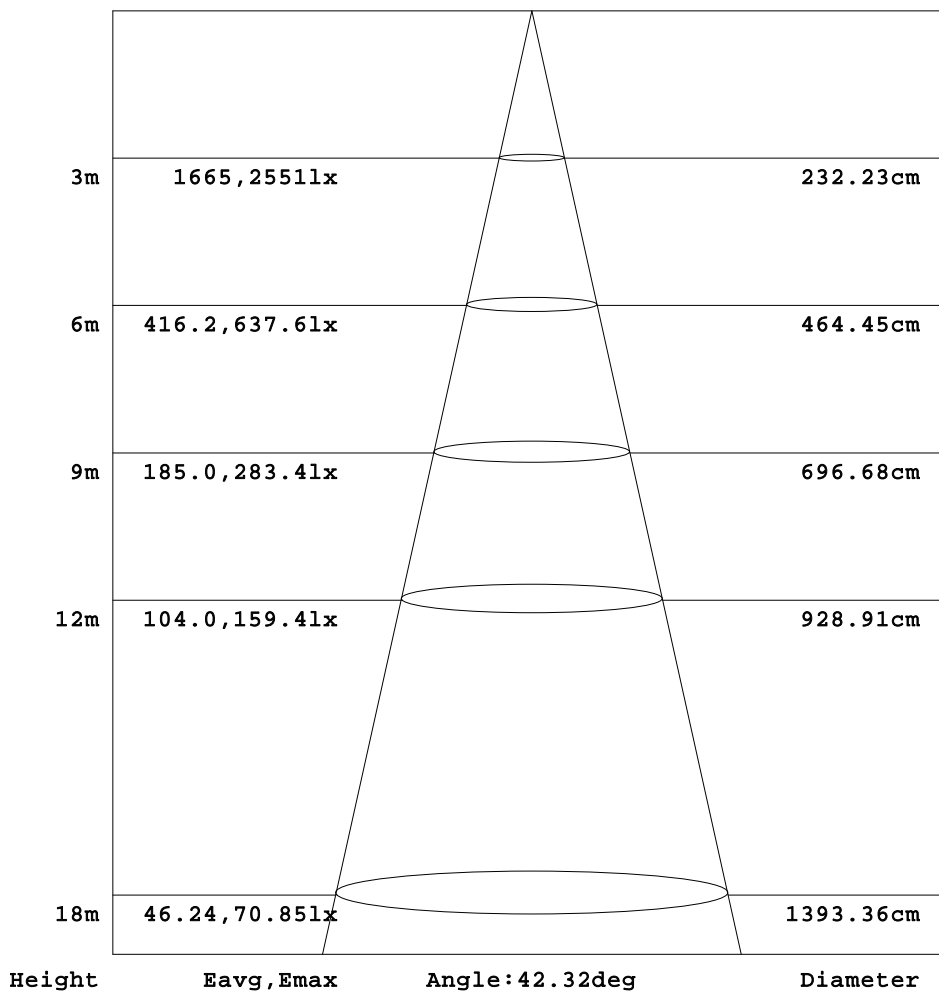
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:NEIKO  
 Test Date:2016-09-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:60%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:230.0V I:0.4264A P:95.72W PF:0.9760 Lamp Flux:12360.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160908P20
MFR.:	SUR.:0.083*0.235*2	Shielding Angle:

Flux out:7683 lm



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

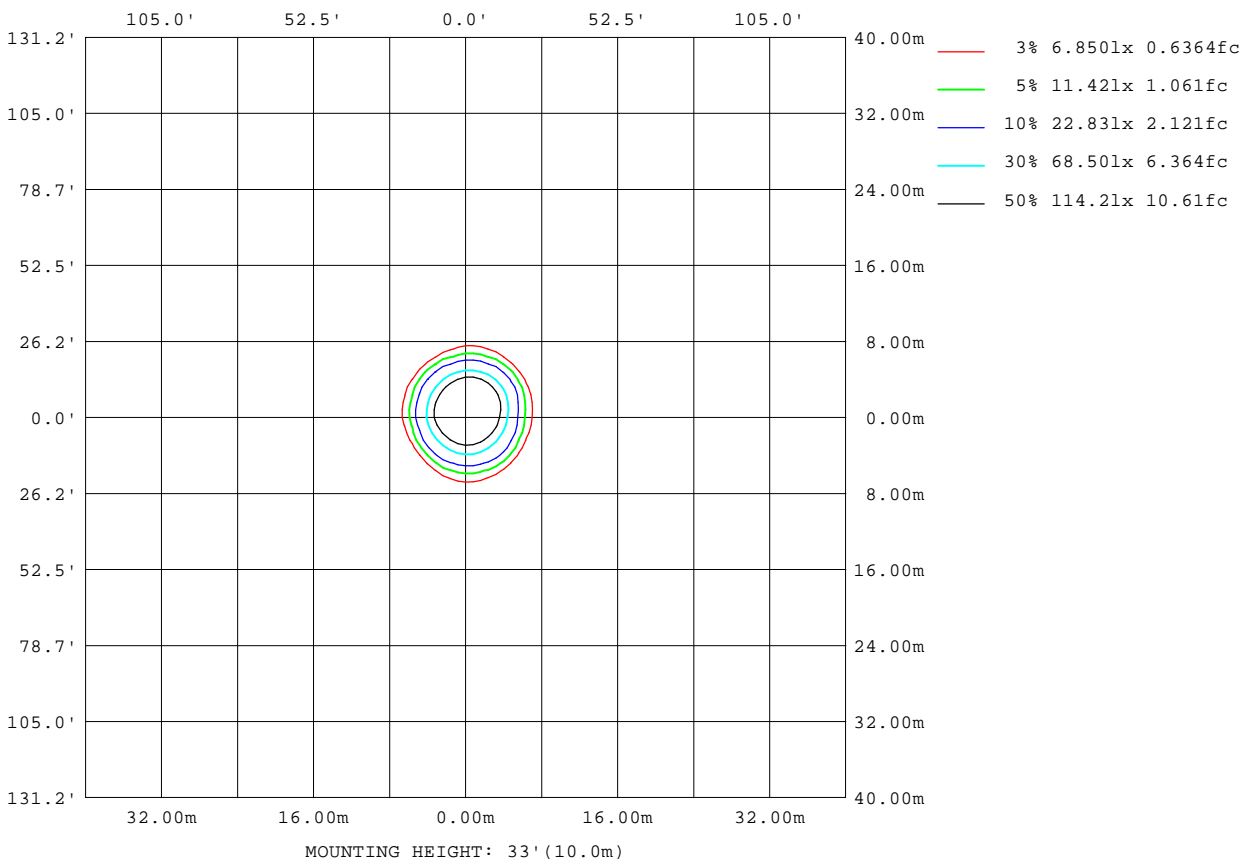
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:NEIKO  
 Test Date:2016-09-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:60%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

Test:U:230.0V I:0.4264A P:95.72W PF:0.9760 Lamp Flux:12360.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160908P20
MFR.:	SUR.:0.083*0.235*2	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: NEIKO  
 Test Date: 2016-09-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity: 60%  
 Test Distance: 12.218m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:230.0V I:0.4264A P:95.72W PF:0.9760 Lamp Flux:12360.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160908P20
MFR.:	SUR.:0.083*0.235*2	Shielding Angle:

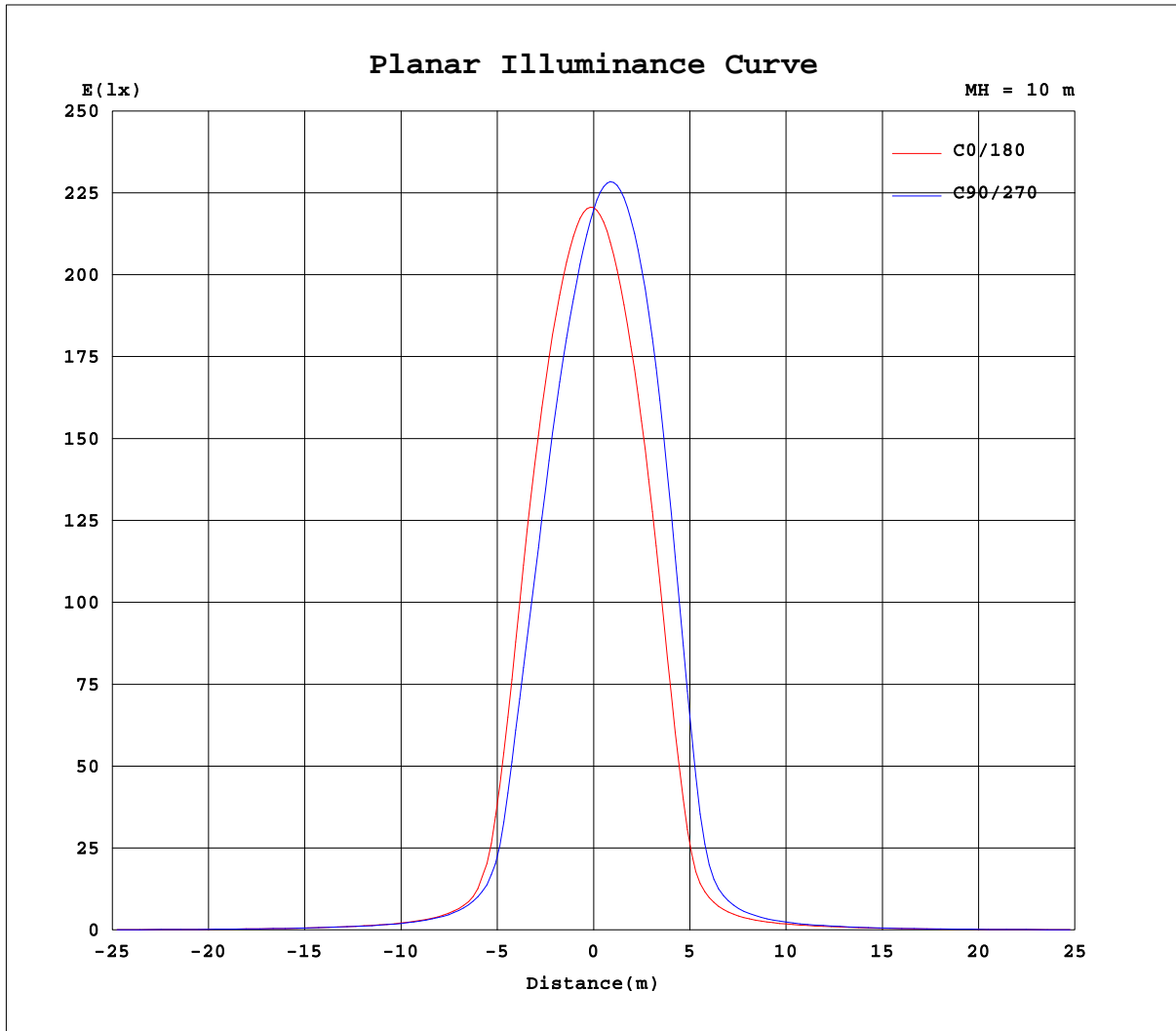
AvgL	cd/m2
L_0~180(65)av	18313
L_0~180(75)av	20646
L_0~180(85)av	27880
L_90~270(65)av	18671
L_90~270(75)av	19902
L_90~270(85)av	19936
L_45(65)av	17288
L_45(75)av	20267
L_45(85)av	29978

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: NEIKO  
 Test Date: 2016-09-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity: 60%  
 Test Distance: 12.218m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: NEIKO  
 Test Date: 2016-09-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity: 60%  
 Test Distance: 12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.4264A P:95.72W PF:0.9760 Lamp Flux:12360.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160908P20
MFR.:	SUR.:0.083*0.235*2	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	2203	2203	2203	2203	2203	2203	2203	2203	2203	2203	2203	2203	2203	2203	2203	2203	2203	2203	2203
5	2171	2131	2095	2068	2043	2024	2008	2000	1998	2011	2034	2073	2121	2158	2199	2234	2268	2294	2315
10	2028	1952	1887	1844	1809	1783	1755	1739	1728	1740	1775	1842	1933	1998	2070	2132	2201	2261	2314
15	1768	1662	1572	1511	1461	1431	1399	1379	1364	1382	1422	1505	1627	1705	1797	1875	1978	2078	2176
20	1342	1225	1125	1063	1016	1002	967	935	903	914	949	1022	1142	1206	1316	1416	1539	1670	1822
25	728	658	604	582	546	499	444	435	430	435	434	453	535	590	690	787	919	1026	1168
30	252	231	238	232	208	193	183	175	161	155	146	154	181	201	248	309	360	371	407
35	120	110	102	105	108	111	110	102	90.2	78.1	77.3	87.2	101	107	114	119	129	142	164
40	81.7	74.6	67.7	66.2	70.3	74.4	76.9	69.5	62.0	55.4	55.4	61.2	69.0	70.3	71.2	68.4	72.4	85.2	99.8
45	62.0	57.1	52.9	51.1	53.5	56.3	59.2	53.3	49.0	45.9	46.0	48.8	53.9	53.4	53.6	51.0	53.3	60.6	70.2
50	50.3	46.9	44.6	43.6	44.7	46.1	48.6	44.1	42.0	40.6	40.4	41.7	44.9	44.2	44.0	42.9	43.9	47.8	54.1
55	41.8	39.6	38.6	38.3	38.8	39.6	41.6	38.3	37.0	36.2	35.8	36.4	38.5	37.8	37.7	37.3	37.6	39.5	43.3
60	35.6	34.4	33.7	33.6	34.1	34.9	36.4	34.1	33.1	32.3	32.0	32.4	33.8	33.2	32.7	32.1	32.1	33.2	35.5
65	31.5	30.6	30.2	30.0	30.4	31.4	32.8	30.8	29.9	29.2	28.7	29.2	30.4	29.6	28.9	28.1	27.9	28.5	30.4
70	27.3	26.5	26.2	26.4	26.7	27.4	28.2	26.8	26.2	25.7	25.1	25.5	27.1	25.6	24.8	24.1	23.9	24.0	25.5
75	21.7	21.8	22.0	22.2	22.2	21.8	21.6	21.3	21.6	21.1	20.7	20.4	21.0	20.6	20.3	19.5	19.4	18.7	19.6
80	18.4	17.7	16.8	15.9	17.0	15.7	14.2	15.0	16.2	14.9	15.9	16.3	16.2	15.6	15.1	13.6	14.3	13.2	13.3
85	10.2	10.9	11.6	11.7	11.3	9.05	7.34	8.64	9.27	9.12	9.80	9.48	9.24	9.65	10.1	8.86	8.97	7.49	6.56
90	2.31	2.97	3.15	2.73	2.65	1.90	0.71	1.07	1.17	1.24	1.69	1.83	1.80	2.05	2.05	1.44	1.39	1.03	0.72
95	0.11	0.11	0.25	0.41	0.58	0.69	0.79	0.70	0.57	0.38	0.18	0.12	0.08	0.09	0.16	0.36	0.53	0.62	0.67
100	0.12	0.12	0.14	0.22	0.35	0.49	0.55	0.44	0.30	0.20	0.14	0.14	0.09	0.09	0.10	0.16	0.24	0.32	0.38
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:28DEG  
 Operators:NEIKO  
 Test Date:2016-09-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:60%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.4264A P:95.72W PF:0.9760 Lamp Flux:12360.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20160908P20
MFR.:	SUR.:0.083*0.235*2	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	2203	2203	2203	2203	2203														
5	2324	2321	2301	2268	2222														
10	2335	2330	2289	2224	2129														
15	2217	2201	2137	2048	1911														
20	1897	1885	1801	1695	1520														
25	1249	1276	1217	1100	895														
30	476	549	542	450	312														
35	175	181	178	157	133														
40	101	95.8	85.4	86.5	85.3														
45	69.3	65.1	57.8	61.3	62.8														
50	52.9	50.7	47.1	48.9	50.3														
55	42.4	41.4	40.1	41.0	41.7														
60	35.0	34.4	33.8	34.6	35.4														
65	29.9	29.6	29.6	30.3	31.1														
70	25.1	25.3	25.5	26.0	26.7														
75	19.8	20.7	21.0	21.7	21.8														
80	14.0	15.5	15.3	16.5	16.9														
85	8.55	11.1	12.2	12.6	11.2														
90	1.83	2.92	3.07	3.85	3.16														
95	0.64	0.55	0.40	0.20	0.09														
100	0.36	0.28	0.19	0.10	0.09														
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:28DEG  
 Operators:NEIKO  
 Test Date:2016-09-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:60%  
 Test Distance:12.218m [K=1.0000]  
 Remarks: