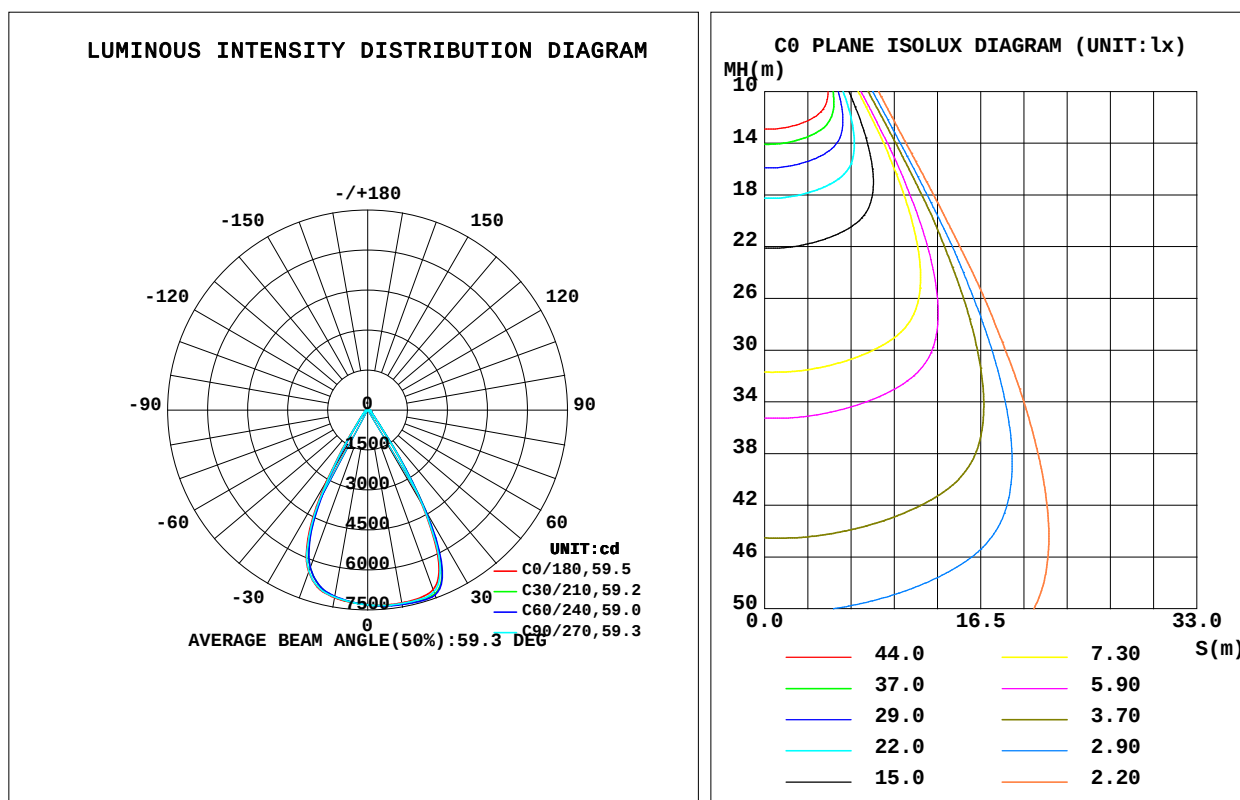


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:0.2448A P:49.32W PF:0.9157 Lamp Flux:6820.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20170221N20
MFR.:	SUR.:0.08*0.22	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.29 lm/W			
MODEL	0.3M-50W	I _{max} (cd)	7441	S/MH(C0/180)	0.83
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.83
RATED VOLTAGE(V)		TOTAL FLUX(lm)	6820.8	η UP, DN(C0-180)	0.0,52.8
NOMINAL FLUX(lm)	6820.8	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,47.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)		η down(%)	100.0	CIBSE SHR MAX	0.85



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:NEIKO
 Test Date:2017-02-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
 Humidity:50%
 Test Distance:12.218m [K=1.0000]
 Remarks: 40DEG

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	7345	7413	7364	7268	7146	7092	7123	7219	0- 10	694.6	694.6	10.2,10.2
20	7176	7386	7257	6843	6464	6260	6441	6825	10- 20	2010	2705	39.7,39.7
30	4040	4391	4132	3544	3103	2743	2938	3472	20- 30	2539	5244	76.9,76.9
40	586.3	629.3	614.4	558.1	500.6	452.2	480.8	520.3	30- 40	962.0	6206	91,91
50	239.4	242.6	247.4	222.9	209.6	200.4	218.5	223.8	40- 50	258.7	6465	94.8,94.8
60	126.3	127.2	129.1	121.7	120.4	119.9	124.9	122.9	50- 60	148.7	6614	97,97
70	81.23	78.98	81.84	79.95	84.67	82.26	85.03	78.99	60- 70	97.58	6711	98.4,98.4
80	57.84	45.61	47.17	49.94	71.02	51.82	50.26	46.61	70- 80	68.75	6780	99.4,99.4
90	6.378	7.484	6.598	8.502	7.649	7.294	7.000	8.206	80- 90	38.99	6819	100,100
100	0.5653	0.6114	0.5224	0.5954	0.3320	0.3597	0.4143	0.3428	90-100	1.753	6821	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0251	6821	100,100
120	0	0	0	0	0	0	0	0	110-120	0	6821	100,100
130	0	0	0	0	0	0	0	0	120-130	0	6821	100,100
140	0	0	0	0	0	0	0	0	130-140	0	6821	100,100
150	0	0	0	0	0	0	0	0	140-150	0	6821	100,100
160	0	0	0	0	0	0	0	0	150-160	0	6821	100,100
170	0	0	0	0	0	0	0	0	160-170	0	6821	100,100
180	0	0	0	0	0	0	0	0	170-180	0	6821	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 6357.8 lm

%lum = 93.2%
%lamp = 93.2%

Conical surface Flux(120deg): 6613.7 lm

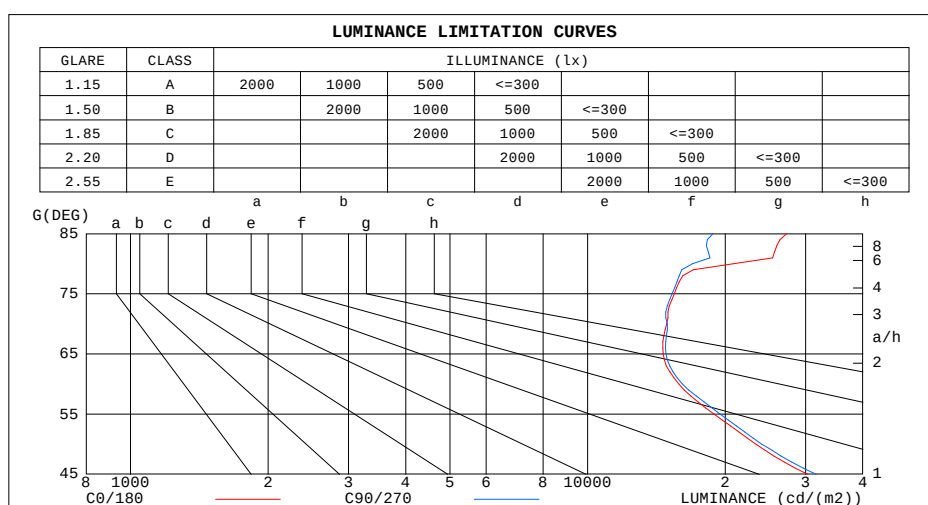
%lum = 97.0%
%lamp = 97.0%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:NEIKO
Test Date:2017-02-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity:50%
Test Distance:12.218m [K=1.0000]
Remarks: 40DEG

LUMINANCE LIMITATION CURVES

Test:U:220.0V I:0.2448A P:49.32W PF:0.9157 Lamp Flux:6820.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20170221N20
MFR.:	SUR.:0.08*0.22	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	27262	18829
80	20890	16972
75	15497	15313
70	14895	14951
65	14644	14844
60	15847	16131
55	18906	19516
50	23357	24045
45	30315	31612

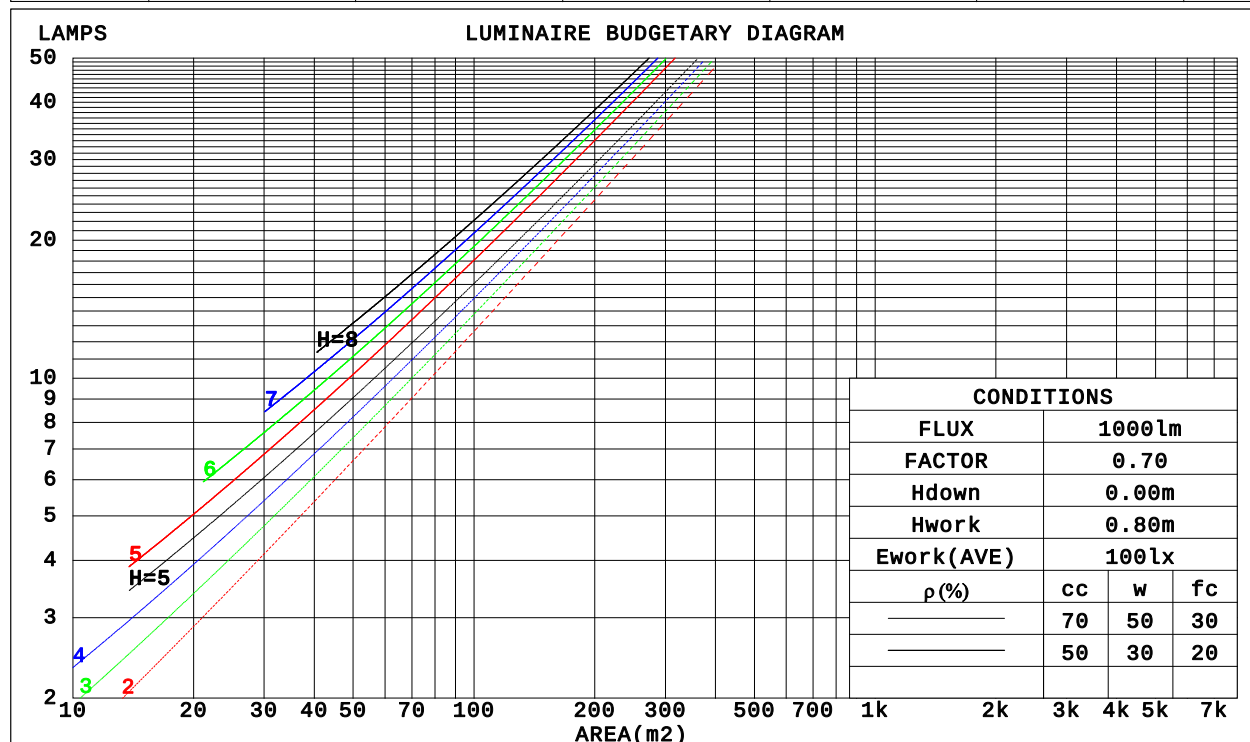
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:NEIKO
Test Date:2017-02-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity:50%
Test Distance:12.218m [K=1.0000]
Remarks: 40DEG

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.2448A P:49.32W PF:0.9157 Lamp Flux:6820.8x1 lm															
NAME:								TYPE:				WEIGHT:			
SPEC.:								DIM.:				SERIAL No.:BLD20170221N20			
MFR.:								SUR.:0.08*0.22				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	1.10	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	1.02	.98	.95	1.01	.97	.94	.97	.94	.92	.94	.92	.90	.92	.90	.88	.86
3.0	.95	.90	.86	.94	.89	.86	.91	.87	.84	.89	.86	.83	.87	.84	.82	.80
4.0	.89	.84	.79	.88	.83	.79	.86	.81	.78	.84	.80	.77	.82	.79	.76	.75
5.0	.84	.78	.74	.83	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.71	.70
6.0	.79	.73	.68	.78	.72	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.65
7.0	.74	.68	.64	.74	.68	.64	.72	.67	.63	.71	.67	.63	.70	.66	.63	.61
8.0	.70	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.59	.66	.62	.59	.58
9.0	.66	.60	.56	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.54
10.0	.63	.57	.53	.62	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.53	.51



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:NEIKO
Test Date:2017-02-21

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: 40DEG

WEC AND CCEC

Test:U:220.0V I:0.2448A P:49.32W PF:0.9157 Lamp Flux:6820.8x1 lm															
NAME:								TYPE:				WEIGHT:			
SPEC.:								DIM.:				SERIAL No.:BLD20170221N20			
MFR.:								SUR.:0.08*0.22				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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.188	.107	.034	.182	.104	.033	.169	.097	.031	.157	.091	.029	.147	.085	.027	
2.0	.177	.097	.030	.172	.095	.029	.161	.089	.028	.151	.085	.027	.142	.080	.025	
3.0	.167	.089	.027	.162	.087	.026	.153	.083	.025	.145	.079	.024	.137	.076	.023	
4.0	.158	.082	.024	.154	.080	.024	.146	.077	.023	.138	.074	.022	.132	.071	.022	
5.0	.149	.076	.022	.146	.075	.022	.139	.072	.021	.133	.070	.021	.127	.068	.020	
6.0	.142	.071	.020	.139	.070	.020	.133	.068	.020	.127	.066	.019	.122	.064	.019	
7.0	.135	.067	.019	.132	.066	.019	.127	.064	.019	.122	.063	.018	.117	.061	.018	
8.0	.129	.063	.018	.127	.062	.018	.122	.061	.017	.117	.059	.017	.113	.058	.017	
9.0	.123	.060	.017	.121	.059	.017	.117	.058	.016	.113	.057	.016	.109	.055	.016	
10.0	.118	.057	.016	.116	.056	.016	.112	.055	.016	.109	.054	.015	.105	.053	.015	

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 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	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.133	.112	.135	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.145	.114	.089	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.135	.099	.072	.115	.086	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.126	.088	.059	.108	.076	.052	.074	.053	.036	.043	.031	.022	.014	.010	.007	
6.0	.118	.078	.050	.102	.068	.043	.070	.047	.031	.041	.028	.018	.013	.009	.006	
7.0	.112	.071	.042	.096	.061	.037	.066	.043	.026	.039	.025	.015	.012	.008	.005	
8.0	.106	.065	.036	.091	.056	.031	.063	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.101	.059	.031	.087	.051	.027	.060	.036	.019	.035	.021	.012	.011	.007	.004	
10.0	.096	.055	.028	.083	.048	.024	.057	.034	.017	.034	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:NEIKO
 Test Date:2017-02-21

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: 40DEG

UGR(Unified Glare Rating) Table

Test:U:220.0V I:0.2448A P:49.32W PF:0.9157 Lamp Flux:6820.8x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:BLD20170221N20			
MFR.:					SUR.:0.08*0.22			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	21.7	21.0	21.9	22.0	20.8	21.8	21.1	22.0	22.1	
	3H	21.0	21.9	21.3	22.1	22.3	21.1	22.0	21.3	22.2	22.4
	4H	21.2	22.0	21.5	22.3	22.5	21.3	22.1	21.5	22.3	22.6
	6H	21.5	22.3	21.8	22.5	22.8	21.5	22.3	21.8	22.5	22.8
	8H	21.8	22.5	22.1	22.8	23.1	21.6	22.4	21.9	22.6	22.9
	12H	22.0	22.7	22.3	23.0	23.3	21.7	22.4	22.0	22.7	23.0
4H	2H	20.7	21.5	21.0	21.8	22.0	20.8	21.6	21.1	21.8	22.1
	3H	21.1	21.8	21.4	22.1	22.4	21.2	21.9	21.5	22.2	22.5
	4H	21.4	22.1	21.8	22.4	22.7	21.5	22.2	21.8	22.5	22.8
	6H	21.9	22.5	22.3	22.8	23.2	21.9	22.4	22.2	22.8	23.1
	8H	22.4	22.9	22.8	23.3	23.6	22.1	22.6	22.5	23.0	23.4
	12H	22.7	23.2	23.1	23.6	24.0	22.3	22.8	22.7	23.1	23.5
8H	4H	21.5	22.1	21.9	22.4	22.8	21.6	22.1	22.0	22.5	22.9
	6H	22.2	22.7	22.6	23.0	23.5	22.1	22.6	22.5	23.0	23.4
	8H	22.8	23.2	23.3	23.6	24.1	22.5	22.9	22.9	23.3	23.7
	12H	23.4	23.7	23.9	24.2	24.6	22.8	23.1	23.3	23.6	24.1
12H	4H	21.5	22.0	21.9	22.4	22.8	21.6	22.1	22.0	22.5	22.9
	6H	22.3	22.7	22.7	23.1	23.5	22.2	22.6	22.6	23.0	23.5
	8H	23.0	23.3	23.5	23.8	24.2	22.6	23.0	23.1	23.4	23.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.9 / - 0.8					+ 1.1 / - 0.9					
1.5H	+ 1.7 / - 0.5					+ 2.0 / - 0.6					
2.0H	+ 0.5 / - 0.4					+ 0.7 / - 0.3					

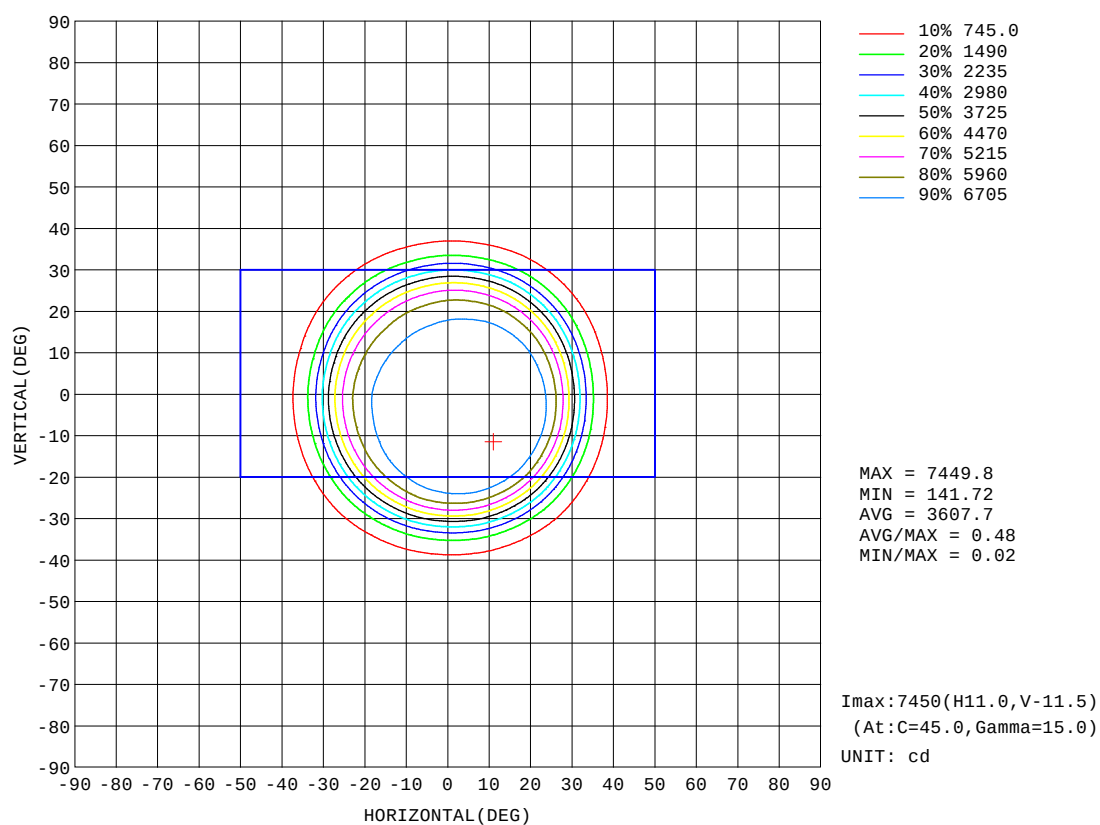
CIE Pub.117 Corrected 6821 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.7)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:NEIKO
 Test Date:2017-02-21

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: 40DEG

ISOCANDELA DIAGRAM

Test:U:220.0V I:0.2448A P:49.32W PF:0.9157 Lamp Flux:6820.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20170221N20
MFR.:	SUR.:0.08*0.22	Shielding Angle:

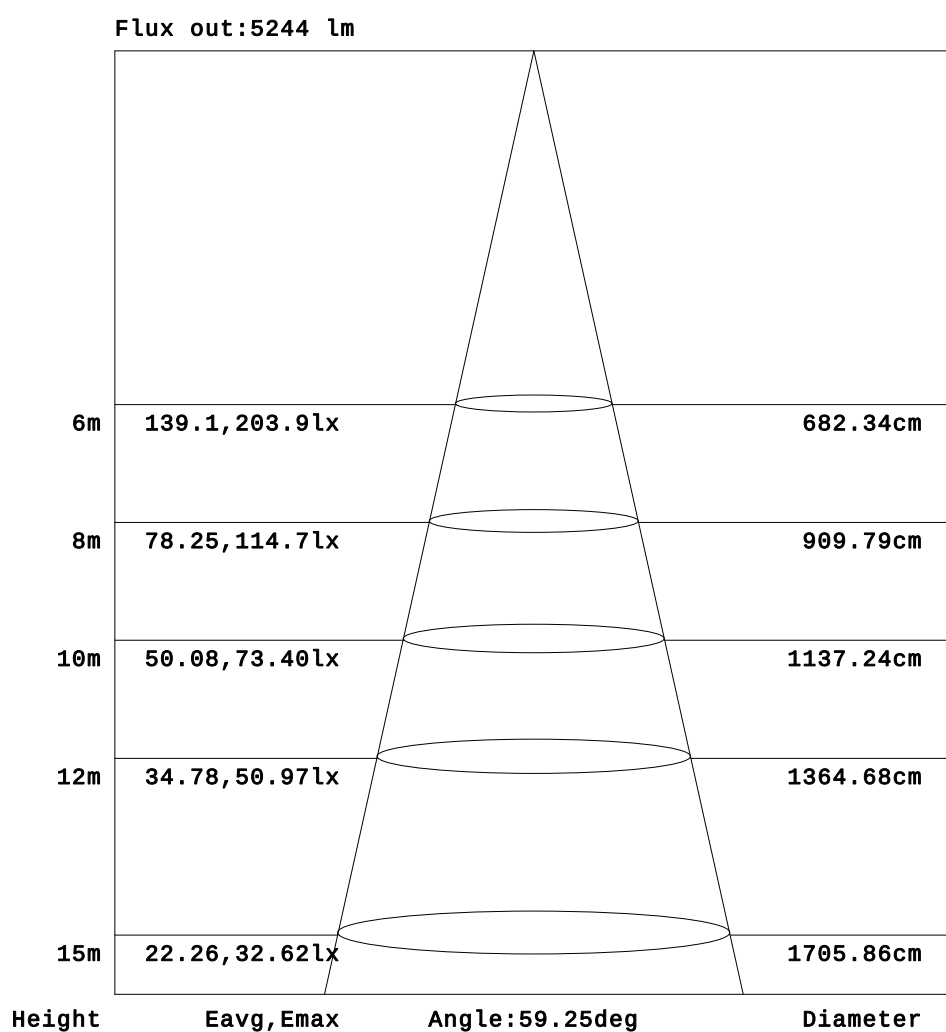


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: NEIKO
 Test Date: 2017-02-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
 Humidity: 50%
 Test Distance: 12.218m [K=1.0000]
 Remarks: 40DEG

AAI Figure

Test:U:220.0V I:0.2448A P:49.32W PF:0.9157 Lamp Flux:6820.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20170221N20
MFR.:	SUR.:0.08*0.22	Shielding Angle:



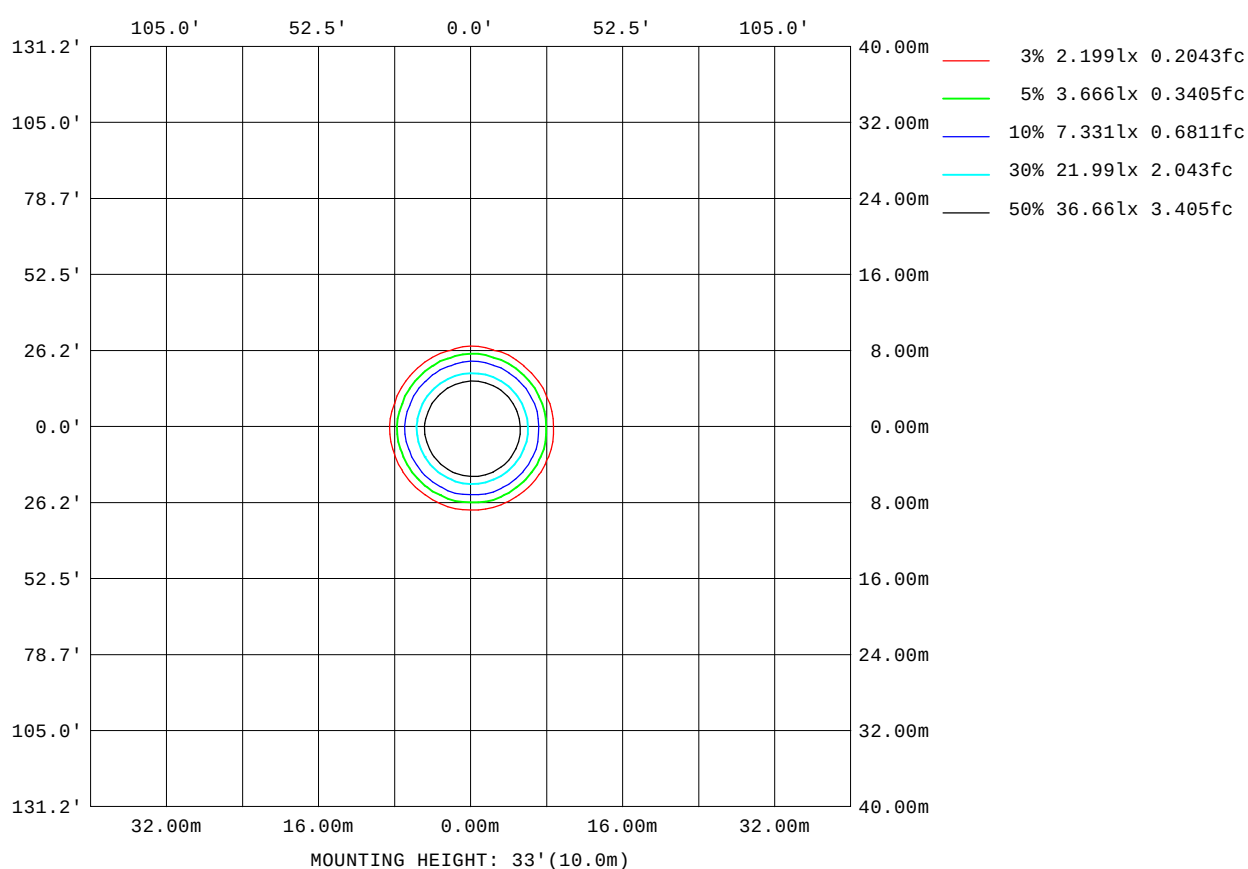
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:NEIKO
Test Date:2017-02-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity:50%
Test Distance:12.218m [K=1.0000]
Remarks: 40DEG

ISOLUX DIAGRAM

Test:U:220.0V I:0.2448A P:49.32W PF:0.9157 Lamp Flux:6820.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20170221N20
MFR.:	SUR.:0.08*0.22	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: NEIKO
Test Date: 2017-02-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity: 50%
Test Distance: 12.218m [K=1.0000]
Remarks: 40DEG

LED Avg.L Report

Test:U:220.0V I:0.2448A P:49.32W PF:0.9157 Lamp Flux:6820.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20170221N20
MFR.:	SUR.:0.08*0.22	Shielding Angle:

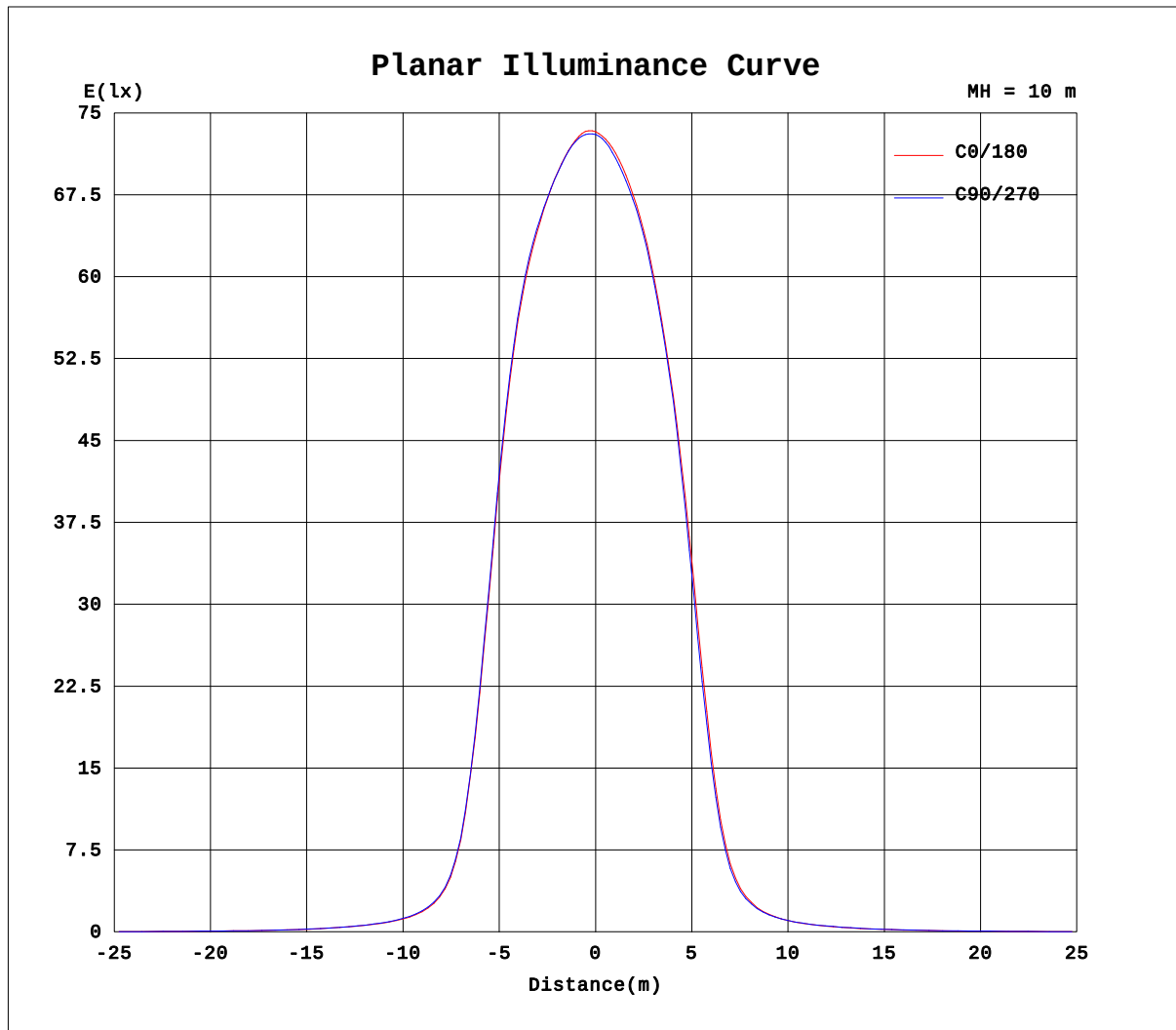
AvgL	cd/m2
L_0~180(65)av	14554
L_0~180(75)av	16038
L_0~180(85)av	30176
L_90~270(65)av	14927
L_90~270(75)av	15664
L_90~270(85)av	18666
L_45(65)av	14375
L_45(75)av	16039
L_45(85)av	30634

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:NEIKO
 Test Date:2017-02-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
 Humidity:50%
 Test Distance:12.218m [K=1.0000]
 Remarks: 40DEG

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: NEIKO
Test Date: 2017-02-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity: 50%
Test Distance: 12.218m [K=1.0000]
Remarks: 40DEG

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.2448A P:49.32W PF:0.9157 Lamp Flux:6820.8x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:BLD20170221N20		
MFR.:									SUR.:0.08*0.22						Shielding Angle:		

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	7306	7306	7306	7306	7306	7306	7306	7306	7306	7306	7306	7306	7306	7306	7306	7306	7306	7306	7306
5	7344	7360	7367	7369	7372	7370	7355	7338	7316	7293	7275	7256	7242	7232	7227	7220	7221	7218	7226
10	7345	7368	7393	7413	7407	7388	7364	7342	7311	7268	7222	7177	7146	7120	7104	7092	7095	7104	7123
15	7320	7372	7417	7441	7433	7407	7365	7320	7259	7179	7096	7026	6964	6903	6870	6849	6860	6884	6941
20	7176	7273	7337	7386	7383	7341	7257	7154	6999	6843	6681	6563	6464	6363	6299	6260	6298	6337	6441
25	6319	6512	6593	6665	6635	6583	6420	6256	6011	5782	5613	5462	5337	5180	5059	4978	5000	5069	5219
30	4040	4236	4321	4391	4355	4302	4132	3970	3736	3544	3349	3226	3103	2932	2838	2743	2751	2797	2938
35	1530	1639	1676	1720	1683	1670	1576	1507	1388	1315	1227	1183	1138	1062	1030	989	995	1004	1063
40	586	609	617	629	623	627	614	595	565	558	527	521	501	473	461	452	454	459	481
45	342	344	347	352	350	353	358	343	330	323	312	303	299	282	277	278	279	285	302
50	239	238	239	243	241	242	247	235	226	223	215	210	210	199	198	200	201	205	219
55	173	171	172	175	173	174	179	169	164	163	158	155	158	150	151	154	154	155	165
60	126	125	125	127	126	127	129	124	122	122	119	118	120	116	117	120	120	121	125
65	98.7	96.6	96.4	98.0	97.1	97.9	100	97.3	95.8	96.4	95.2	95.4	98.2	94.8	95.1	97.7	97.7	98.3	101
70	81.2	78.5	77.8	79.0	77.9	78.7	81.8	79.4	78.5	79.9	79.4	80.6	84.7	80.4	80.0	82.3	81.2	81.5	85.0
75	64.0	62.9	63.2	64.0	63.2	61.9	63.4	63.4	64.7	66.8	66.3	66.6	68.9	66.6	67.4	70.0	67.5	65.5	66.3
80	57.8	52.5	48.4	45.6	47.1	44.9	47.2	46.5	49.0	49.9	62.9	68.5	71.0	66.7	62.1	51.8	52.1	50.4	50.3
85	37.9	39.3	41.2	40.5	39.9	30.1	26.3	33.9	40.2	45.4	49.3	47.2	46.3	45.6	44.0	42.3	38.7	32.4	25.8
90	6.38	6.96	7.12	7.48	9.21	8.22	6.60	8.29	8.71	8.50	8.36	8.17	7.65	8.15	7.91	7.29	8.07	7.54	7.00
95	0.42	0.44	0.42	0.44	1.05	1.22	1.34	1.32	1.11	0.46	0.44	0.47	0.33	0.32	0.33	0.37	0.72	1.17	1.50
100	0.57	0.56	0.49	0.61	0.54	0.58	0.52	0.58	0.56	0.60	0.59	0.60	0.33	0.33	0.40	0.36	0.41	0.36	0.41
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:25DEG
Operators:NEIKO
Test Date:2017-02-21

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: 40DEG

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.2448A P:49.32W PF:0.9157 Lamp Flux:6820.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:BLD20170221N20
MFR.:	SUR.:0.08*0.22	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	7306	7306	7306	7306	7306														
5	7241	7260	7280	7303	7327														
10	7149	7181	7219	7272	7313														
15	6999	7070	7139	7210	7267														
20	6549	6694	6825	6964	7068														
25	5380	5553	5759	5988	6154														
30	3076	3290	3472	3696	3874														
35	1109	1204	1269	1377	1452														
40	486	504	520	554	563														
45	300	308	315	322	330														
50	214	219	224	227	231														
55	160	162	165	166	168														
60	122	122	123	123	124														
65	98.0	96.2	96.7	95.9	95.9														
70	80.4	78.4	79.0	78.0	78.0														
75	63.3	64.0	64.8	63.8	62.7														
80	48.1	49.0	46.6	48.2	51.9														
85	28.2	40.2	42.7	41.7	40.1														
90	8.82	10.4	8.21	7.39	7.05														
95	1.26	0.90	0.50	0.32	0.32														
100	0.39	0.39	0.34	0.35	0.32														
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:25DEG
Operators:NEIKO
Test Date:2017-02-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity:50%
Test Distance:12.218m [K=1.0000]
Remarks: 40DEG