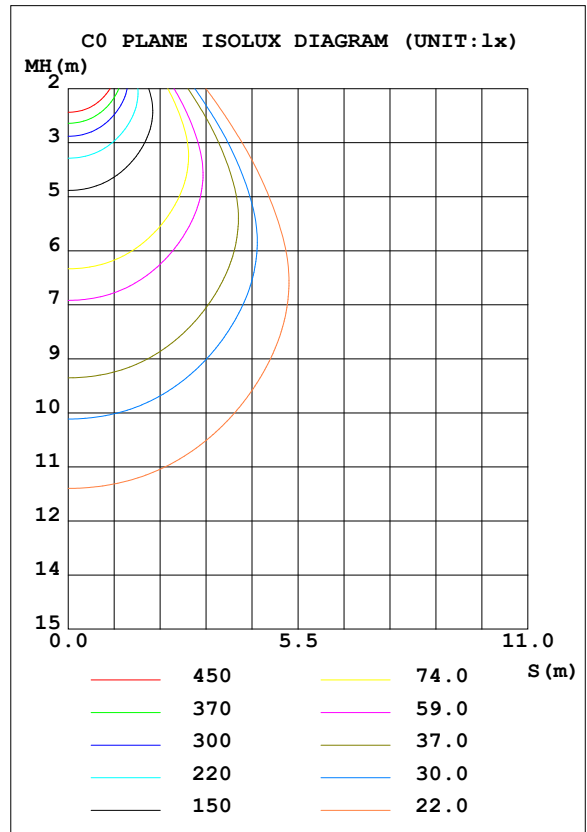
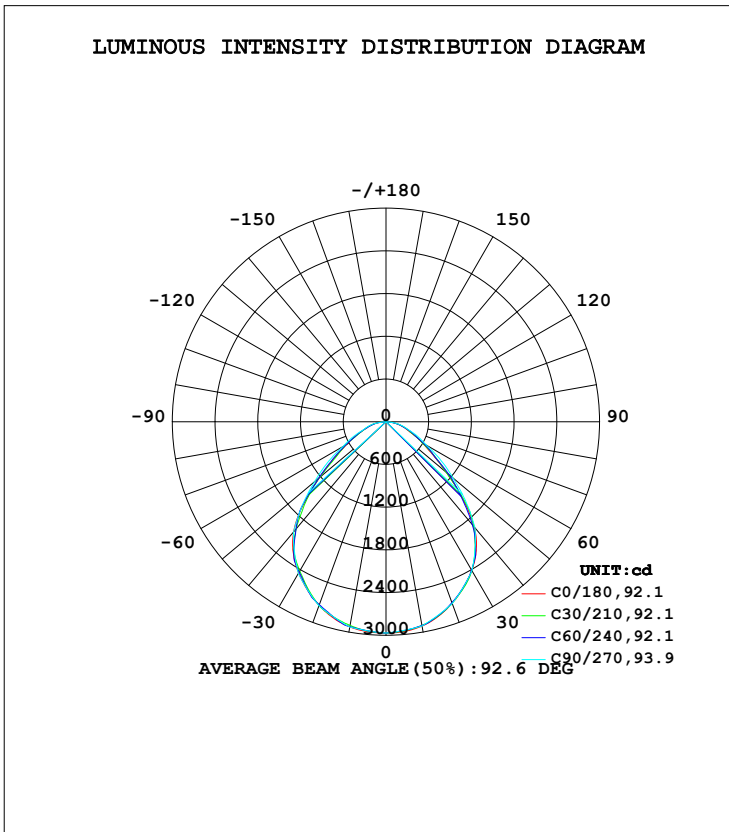


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.29 lm/W			
MODEL	OSRAM-4000K	I _{max} (cd)	2968	S/MH (C0/180)	1.23
NOMINAL POWER (W)	50	LOR (%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	6456.9	η UP, DN (C0-180)	0.0, 49.4
NOMINAL FLUX (lm)	6456.87	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.35



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-01-05

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [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	2914	2903	2913	2900	2926	2914	2928	2914	0- 10	280.2	280.2	4.34,4.34
20	2714	2712	2718	2704	2746	2723	2751	2739	10- 20	798.6	1079	16.7,16.7
30	2410	2403	2415	2418	2452	2442	2462	2443	20- 30	1192	2270	35.2,35.2
40	1928	1919	1945	1974	2018	2008	2020	1992	30- 40	1385	3656	56.6,56.6
50	1113	1082	1226	1262	1218	1226	1306	1260	40- 50	1228	4884	75.6,75.6
60	584.0	583.8	649.4	647.9	634.9	633.1	698.0	660.1	50- 60	794.7	5678	87.9,87.9
70	305.5	309.6	343.2	333.0	328.0	321.3	341.5	332.3	60- 70	461.7	6140	95.1,95.1
80	138.9	144.2	161.2	163.6	165.4	151.6	180.4	162.5	70- 80	256.3	6396	99.1,99.1
90	0	0	0	0	1.941	0	0	0	80- 90	60.49	6457	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 4318 lm

%lum = 66.9%
%lamp = 66.9%

Conical surface Flux(120deg): 5678.5 lm

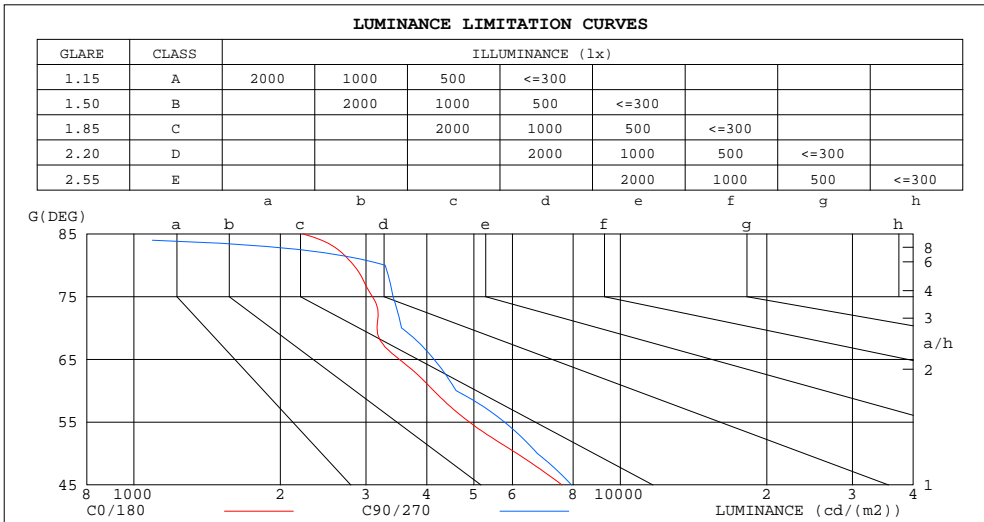
%lum = 87.9%
%lamp = 87.9%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2222	0
80	2831	3285
75	3093	3410
70	3161	3551
65	3513	4139
60	4133	4596
55	4895	5780
50	6128	6750
45	7585	7938

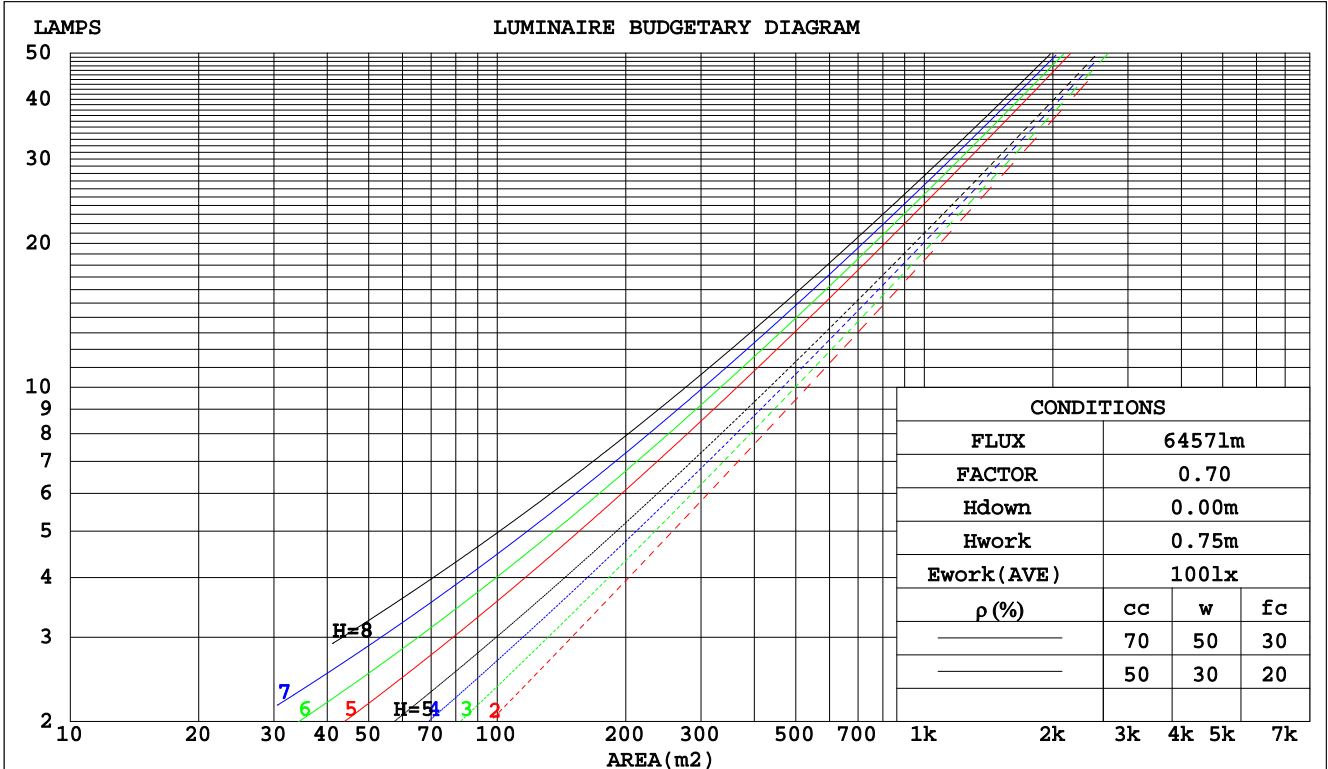
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		

ρcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw																0
ρfc																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	1.06	1.03	.99	1.04	1.01	.98	.90	.97	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.94	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.77	.71	.83	.76	.71	.80	.74	.70	.77	.72	.68	.75	.71	.67	.65
4.0	.76	.68	.62	.75	.67	.61	.72	.66	.61	.70	.64	.60	.68	.63	.59	.57
5.0	.68	.60	.54	.67	.60	.54	.65	.59	.53	.63	.58	.53	.62	.57	.52	.50
6.0	.62	.54	.48	.61	.54	.48	.60	.53	.47	.58	.52	.47	.56	.51	.47	.45
7.0	.57	.49	.43	.56	.48	.43	.55	.48	.43	.53	.47	.42	.52	.46	.42	.40
8.0	.52	.44	.39	.51	.44	.39	.50	.43	.38	.49	.43	.38	.48	.42	.38	.36
9.0	.48	.40	.35	.47	.40	.35	.46	.40	.35	.45	.39	.35	.44	.39	.35	.33
10.0	.45	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.32	.41	.36	.32	.30



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		

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	.264	.150	.048	.257	.147	.047	.244	.140	.045	.232	.134	.043	.221	.128	.041	
2.0	.253	.139	.043	.247	.136	.042	.236	.131	.041	.225	.126	.040	.215	.122	.038	
3.0	.238	.127	.038	.232	.124	.037	.222	.121	.037	.213	.117	.036	.205	.113	.035	
4.0	.222	.116	.034	.218	.114	.034	.209	.111	.033	.201	.108	.033	.193	.105	.032	
5.0	.208	.106	.031	.204	.105	.031	.196	.102	.030	.189	.100	.030	.182	.097	.029	
6.0	.195	.098	.028	.191	.097	.028	.185	.095	.028	.178	.093	.027	.172	.091	.027	
7.0	.183	.091	.026	.180	.090	.026	.174	.088	.025	.168	.086	.025	.163	.084	.025	
8.0	.172	.084	.024	.170	.083	.024	.164	.082	.023	.159	.080	.023	.154	.079	.023	
9.0	.163	.079	.022	.160	.078	.022	.155	.077	.022	.150	.075	.022	.146	.074	.021	
10.0	.154	.074	.020	.152	.073	.020	.147	.072	.020	.143	.071	.020	.139	.070	.020	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.177	.157	.138	.152	.134	.119	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.167	.132	.103	.143	.114	.089	.098	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.158	.114	.079	.136	.098	.068	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.150	.100	.062	.129	.087	.054	.089	.060	.038	.051	.035	.023	.017	.012	.007	
5.0	.143	.090	.050	.123	.078	.044	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.136	.081	.042	.117	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.130	.074	.035	.111	.064	.031	.077	.045	.022	.045	.027	.013	.014	.009	.004	
8.0	.124	.068	.030	.106	.059	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.118	.063	.027	.102	.055	.023	.070	.039	.016	.041	.023	.010	.013	.007	.003	
10.0	.113	.059	.023	.097	.051	.020	.067	.036	.015	.039	.021	.009	.013	.007	.003	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		

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	11.3	12.6	11.5	12.8	13.0	11.6	13.0	11.9	13.2	13.4
3H	12.0	13.3	12.3	13.5	13.7	12.4	13.7	12.7	13.9	14.1
4H	12.3	13.5	12.6	13.8	14.0	12.8	14.0	13.1	14.2	14.5
6H	12.6	13.7	12.9	14.0	14.3	13.1	14.2	13.4	14.5	14.8
8H	12.7	13.8	13.0	14.0	14.3	13.2	14.3	13.5	14.5	14.8
12H	12.7	13.7	13.1	14.0	14.3	13.1	14.2	13.5	14.5	14.8
4H 2H	11.5	12.7	11.8	13.0	13.2	11.8	13.0	12.1	13.3	13.5
3H	12.5	13.5	12.8	13.8	14.1	12.8	13.9	13.2	14.2	14.5
4H	13.0	13.9	13.3	14.2	14.6	13.3	14.3	13.7	14.6	14.9
6H	13.4	14.2	13.8	14.6	15.0	13.8	14.6	14.2	15.0	15.3
8H	13.5	14.3	13.9	14.7	15.0	13.9	14.7	14.3	15.0	15.4
12H	13.6	14.3	14.0	14.7	15.1	13.9	14.6	14.3	15.0	15.4
8H 4H	13.2	13.9	13.6	14.3	14.7	13.5	14.3	13.9	14.6	15.0
6H	13.8	14.4	14.2	14.8	15.2	14.1	14.7	14.5	15.1	15.5
8H	14.0	14.5	14.4	14.9	15.4	14.2	14.8	14.7	15.2	15.6
12H	14.1	14.5	14.5	15.0	15.5	14.2	14.7	14.7	15.1	15.6
12H 4H	13.2	13.9	13.6	14.2	14.6	13.5	14.2	13.9	14.6	15.0
6H	13.8	14.4	14.3	14.8	15.2	14.1	14.7	14.5	15.1	15.5
8H	14.0	14.5	14.5	15.0	15.4	14.3	14.7	14.7	15.2	15.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.3 / - 0.4				
1.5H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
2.0H	+ 1.2 / - 0.7					+ 1.1 / - 0.8				

CIE Pub.117, 6457 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.5)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		

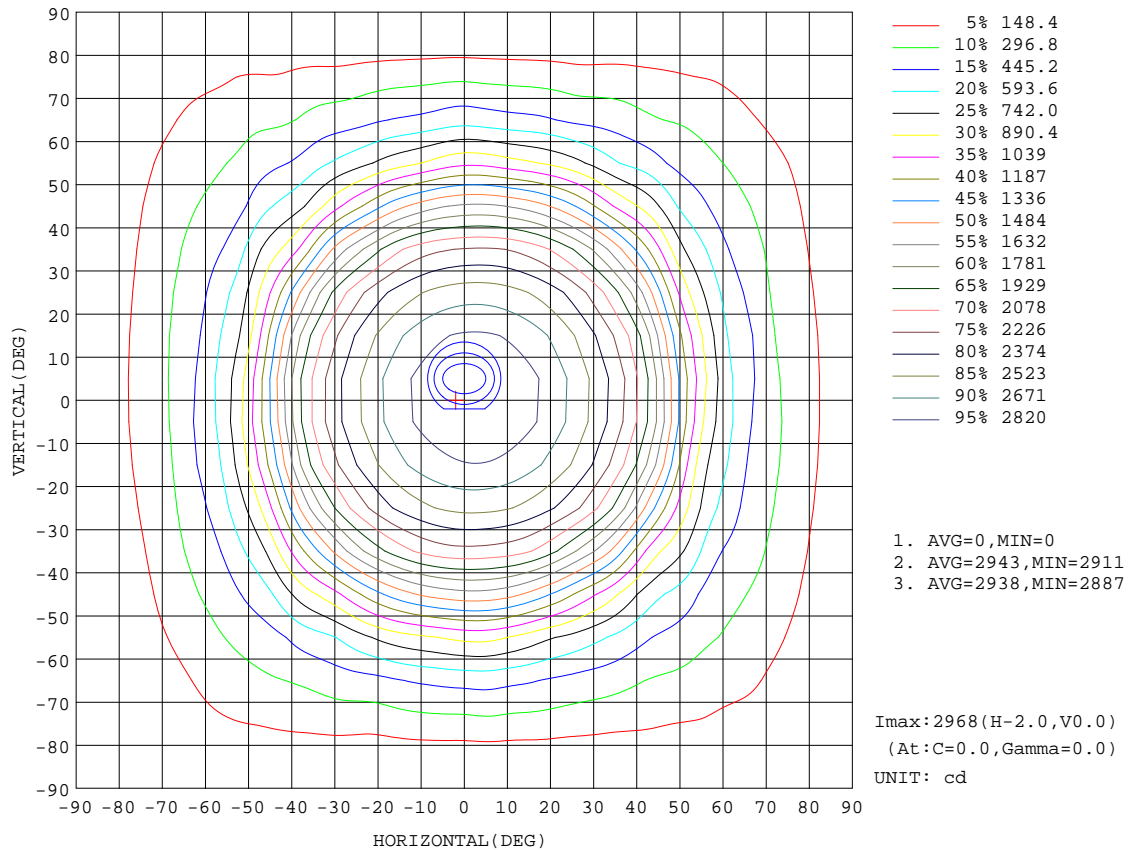
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	64	54	48	64	54	48	63	53	48	42
0.80	74	64	58	73	64	58	72	63	57	51
1.00	82	73	67	81	72	66	79	73	66	60
1.25	89	80	74	88	79	74	85	78	73	66
1.50	93	85	79	92	84	79	89	83	78	71
2.00	99	92	87	98	91	86	94	89	84	78
2.50	102	96	91	101	95	90	97	92	88	81
3.00	105	100	95	103	98	94	99	95	92	84
4.00	109	104	100	106	102	99	102	99	96	88
5.00	111	106	103	108	105	101	104	101	98	90
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		



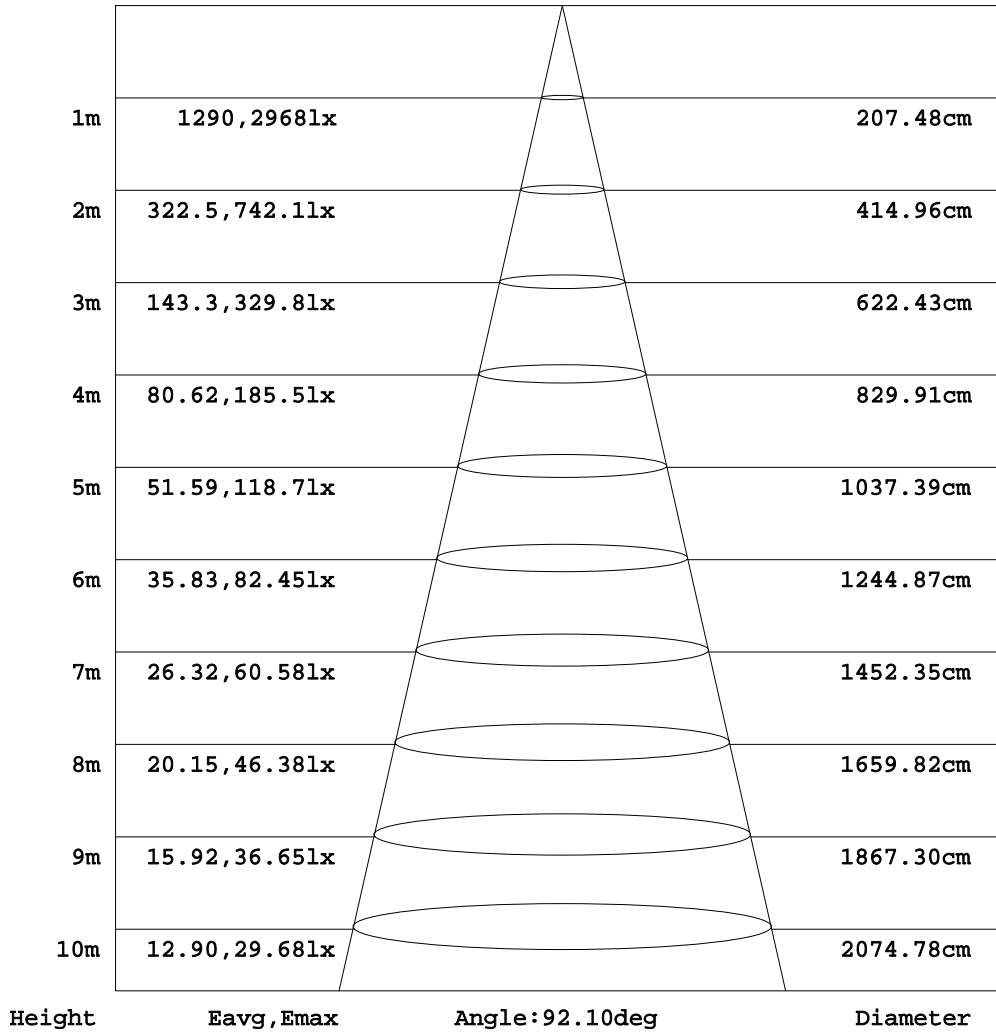
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-01-05

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks:

AAI Figure

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		

Flux out:4500 lm



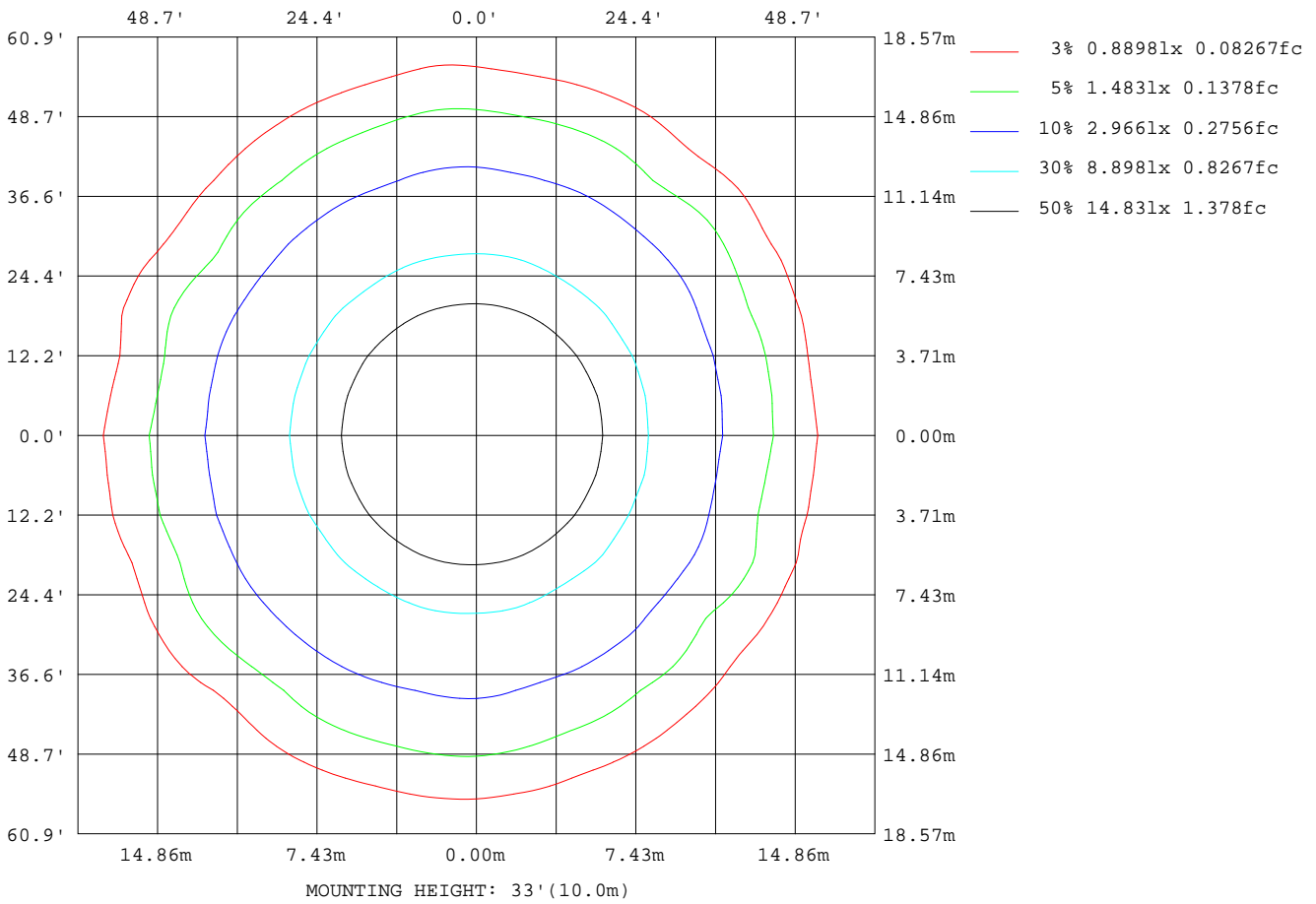
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		

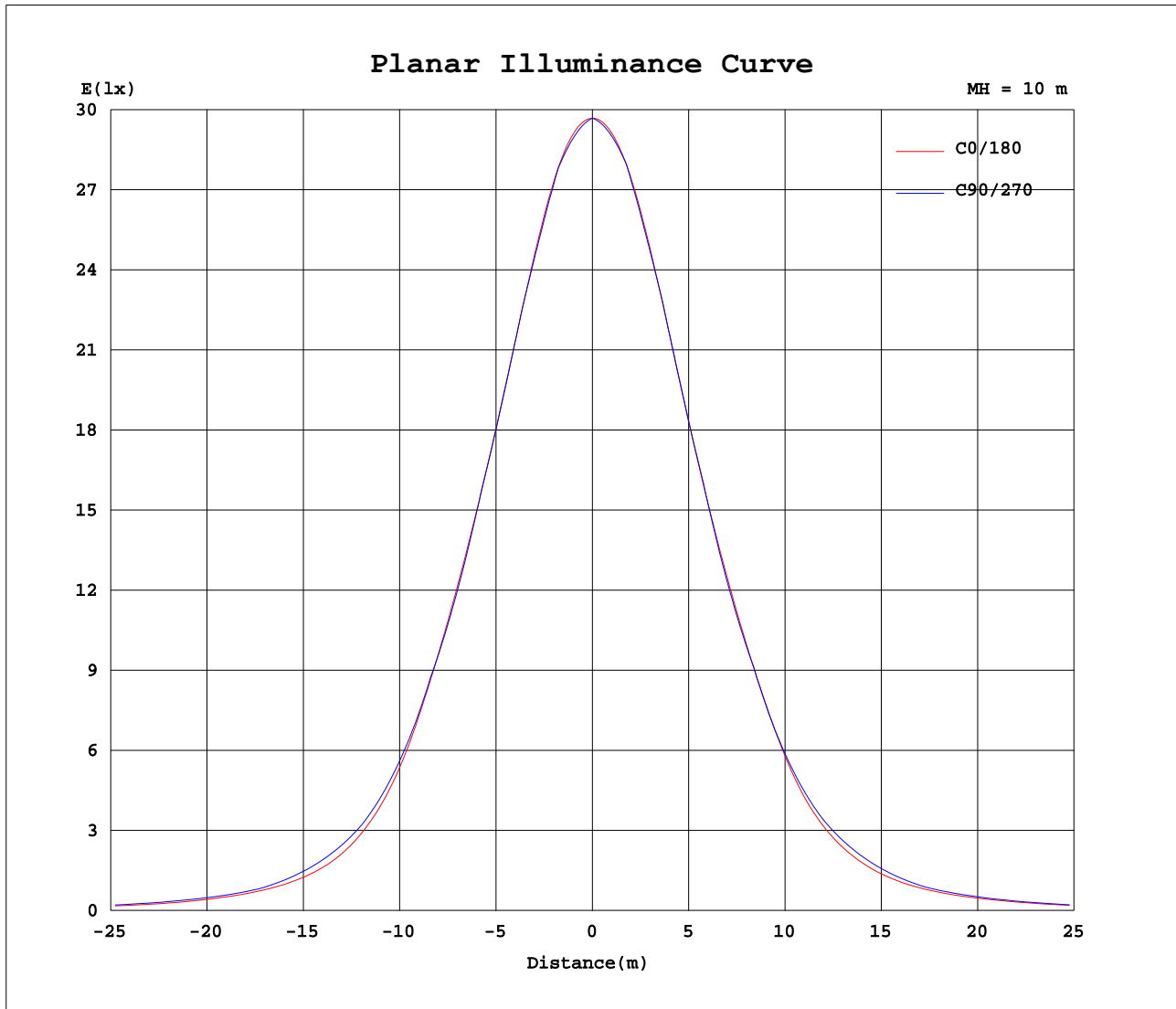
AvgL	cd/m2
L_0~180 (65) av	3737
L_0~180 (75) av	3260
L_0~180 (85) av	2778
L_90~270 (65) av	4265
L_90~270 (75) av	3506
L_90~270 (85) av	0
L_45 (65) av	3803
L_45 (75) av	3319
L_45 (85) av	1765

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		

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	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968
5	2956	2954	2952	2951	2949	2948	2947	2946	2945	2944	2944	2943	2942	2942	2942	2941	2941	2940	2940
10	2914	2911	2908	2907	2906	2906	2906	2904	2903	2903	2903	2904	2906	2907	2909	2910	2912	2912	2913
15	2831	2829	2828	2830	2831	2827	2825	2826	2828	2826	2824	2822	2821	2820	2819	2818	2817	2816	2816
20	2714	2715	2719	2723	2717	2715	2714	2712	2711	2712	2710	2707	2706	2707	2709	2711	2714	2717	2718
25	2572	2577	2587	2581	2576	2576	2577	2581	2572	2567	2565	2565	2566	2567	2568	2568	2567	2567	2567
30	2410	2417	2423	2409	2406	2413	2412	2403	2402	2403	2405	2407	2405	2405	2407	2408	2410	2412	2415
35	2210	2223	2214	2194	2202	2196	2182	2187	2202	2202	2202	2208	2196	2192	2190	2187	2182	2180	2182
40	1928	1967	1943	1934	1932	1901	1913	1927	1920	1919	1895	1887	1888	1901	1921	1935	1937	1938	1945
45	1516	1597	1543	1585	1523	1535	1543	1532	1550	1547	1499	1470	1498	1537	1559	1573	1581	1585	1586
50	1113	1139	1096	1123	1125	1150	1105	1122	1099	1082	1130	1142	1152	1151	1140	1150	1185	1216	1226
55	793	783	772	744	846	847	825	738	757	820	820	799	820	837	845	875	909	934	937
60	584	581	590	591	589	602	583	586	574	584	600	614	617	612	607	623	630	640	649
65	420	401	402	424	416	384	428	425	434	428	428	440	443	446	456	474	483	496	494
70	305	321	328	333	323	314	323	325	324	310	321	332	329	331	339	341	340	348	343
75	226	217	223	241	236	241	235	239	233	224	232	228	228	232	240	246	245	255	249
80	139	143	144	146	146	158	147	154	148	144	146	139	141	143	141	153	151	158	161
85	54.7	45.4	46.5	49.6	61.6	63.5	65.9	57.8	47.9	39.0	31.8	23.4	18.0	13.0	8.20	5.13	2.27	0.60	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Temperature:25.3DEG	Humidity:56%
Operators:Myles	Test Distance:5.850m [K=1.0000]
Test Date:2019-01-05	Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table with 3 columns: Test parameters, Name, Type, Spec., DIM., MFR.

Table with columns: C (DEG), y (DEG), and 20 columns of intensity values. Includes a UNIT: cd header.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: φ600mm*H78mm	
MFR.: NEKO LIGHTING AG		

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	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968
5	2956	2954	2952	2951	2950	2949	2948	2948	2947	2947	2947	2947	2947	2947	2948	2948	2948	2948	2948
10	2915	2910	2907	2905	2904	2907	2910	2914	2917	2920	2922	2924	2926	2927	2928	2928	2928	2927	2926
15	2833	2827	2824	2831	2839	2848	2857	2853	2848	2844	2841	2839	2839	2838	2839	2839	2840	2840	2841
20	2716	2712	2723	2738	2748	2736	2728	2723	2724	2730	2736	2741	2746	2749	2751	2752	2751	2749	2746
25	2571	2584	2605	2605	2591	2582	2593	2604	2615	2612	2606	2603	2602	2602	2603	2604	2606	2608	2609
30	2410	2436	2440	2419	2422	2445	2459	2442	2433	2431	2439	2447	2454	2458	2460	2461	2462	2462	2460
35	2220	2251	2212	2215	2251	2240	2224	2235	2256	2275	2257	2247	2243	2240	2237	2237	2240	2246	2252
40	1982	1970	1949	1999	1964	1957	1998	2008	1964	1947	1967	1995	2013	2018	2017	2017	2020	2027	2030
45	1656	1570	1640	1606	1597	1677	1630	1594	1596	1622	1656	1663	1656	1651	1653	1656	1662	1667	1669
50	1165	1156	1198	1189	1214	1161	1183	1226	1228	1220	1233	1248	1248	1262	1288	1301	1306	1293	1274
55	778	827	846	908	852	818	831	854	881	891	906	920	925	939	967	995	1004	991	971
60	593	592	651	626	650	618	619	633	644	649	654	663	663	663	677	705	698	675	663
65	453	460	425	421	446	469	457	448	474	476	467	479	489	491	503	526	524	506	496
70	325	333	331	344	330	347	329	321	342	343	338	352	357	348	353	359	342	333	338
75	230	243	249	243	246	256	236	239	252	236	234	249	256	256	260	268	263	254	250
80	159	164	173	174	173	175	160	152	163	156	158	162	163	173	175	179	180	175	163
85	79.4	86.6	85.0	88.4	89.4	74.8	59.2	45.6	37.5	27.7	21.2	15.1	9.68	5.88	2.64	0.68	0.00	0.66	2.46
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-01-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.2528A P:50.33W PF:0.9005 Freq:49.90Hz Lamp Flux:6456.87x1 lm		
NAME: GAME-600-50W-840	TYPE:Ceiling light	SERIAL No.:
SPEC.:4000K	DIM.: ø600mm*H78mm	
MFR.: NEKO LIGHTING AG		

Table--4

UNIT: cd

C (DEG) \ γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968				
5	2949	2949	2949	2949	2949	2949	2949	2950	2950	2950	2951	2952	2952	2954	2955				
10	2924	2923	2921	2919	2917	2915	2914	2913	2913	2914	2913	2912	2911	2911	2912				
15	2841	2842	2842	2842	2843	2844	2845	2845	2842	2839	2839	2841	2837	2833	2831				
20	2743	2740	2737	2736	2737	2739	2739	2736	2733	2733	2729	2729	2732	2725	2718				
25	2608	2607	2606	2605	2605	2604	2602	2603	2608	2599	2593	2590	2591	2594	2580				
30	2456	2453	2451	2452	2456	2451	2443	2435	2433	2438	2437	2428	2427	2435	2423				
35	2255	2255	2256	2261	2267	2257	2252	2247	2231	2225	2237	2241	2231	2239	2236				
40	2027	2016	2004	1999	1999	1993	1992	1985	1989	1977	1971	1993	1975	1962	1978				
45	1675	1681	1678	1669	1659	1657	1669	1653	1627	1648	1634	1591	1613	1528	1588				
50	1278	1288	1301	1307	1302	1279	1260	1280	1294	1233	1225	1184	1174	1144	1168				
55	967	967	962	931	889	904	943	950	923	916	820	849	822	856	835				
60	669	680	688	693	672	645	660	681	670	628	637	609	614	592	578				
65	496	491	479	482	467	463	478	475	435	458	452	448	439	443	446				
70	343	337	327	346	361	351	332	341	353	338	329	330	333	319	308				
75	249	241	227	240	258	252	252	251	258	252	239	230	239	235	231				
80	160	159	152	157	162	163	162	161	166	163	155	147	154	149	145				
85	5.41	9.48	14.2	20.6	27.6	36.4	43.4	55.2	63.7	70.4	68.1	65.5	63.2	61.5	66.4				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-01-05

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks: