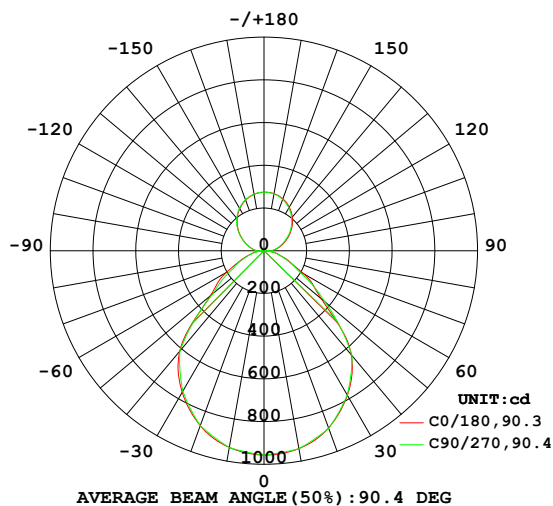


LUMINAIRE PHOTOMETRIC TEST REPORT

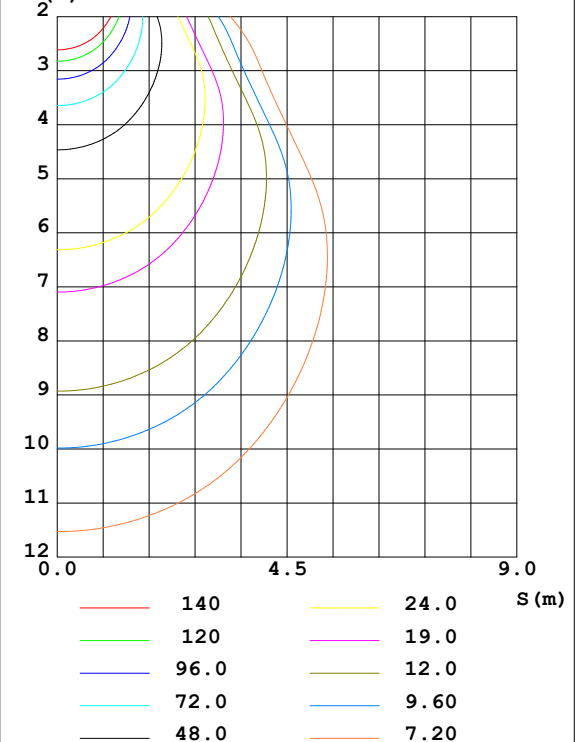
Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.64 lm/W			
MODEL	OSRAM-3000K	I _{max} (cd)	956.7	S/MH (C0/180)	1.20
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	2854.5	η UP, DN (C0-180)	14.9, 35.8
NOMINAL FLUX (lm)	2854.47	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	14.9, 34.4
LAMPS INSIDE	1	η up (%)	29.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220.0	η down (%)	70.2	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

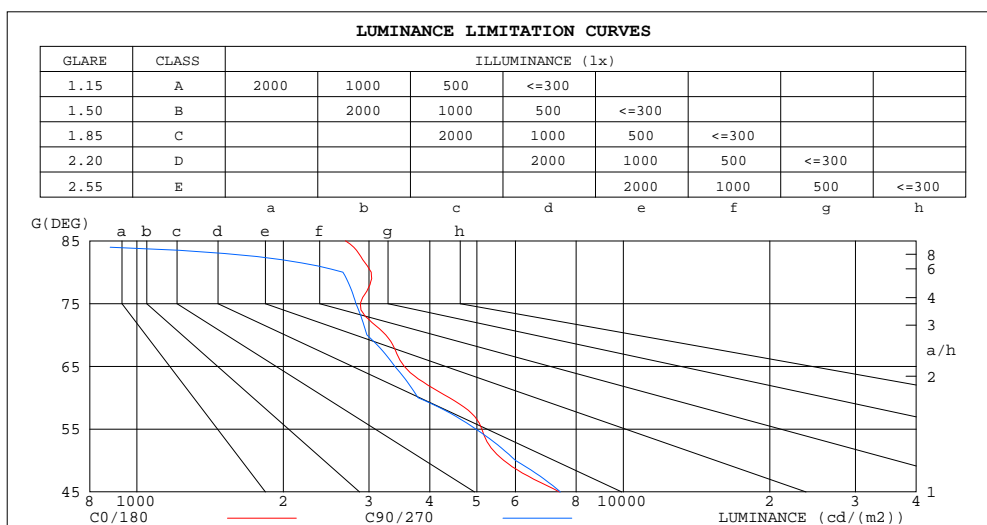
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	940.5	940.2	941.1	931.9	934.8	928.6	935.8	935.7	0- 10	90.10	90.10	3.16,3.16
20	882.9	886.7	885.5	867.2	871.7	857.7	872.0	877.6	10- 20	256.6	346.7	12.1,12.1
30	781.0	783.0	779.3	765.8	765.7	749.8	759.7	772.4	20- 30	379.9	726.5	25.5,25.5
40	636.2	642.2	641.0	626.5	614.2	597.7	612.3	625.1	30- 40	437.0	1164	40.8,40.8
50	350.9	381.2	371.0	371.3	327.5	324.9	308.1	355.6	40- 50	378.2	1542	54,54
60	210.9	191.7	181.9	195.5	203.1	168.3	166.9	194.0	50- 60	235.5	1777	62.3,62.3
70	106.9	104.0	97.68	96.18	101.2	88.82	89.89	99.88	60- 70	136.0	1913	67,67
80	50.63	48.75	44.29	45.11	45.12	35.26	37.82	44.81	70- 80	74.16	1987	69.6,69.6
90	36.02	25.01	33.39	32.20	32.29	31.31	32.70	34.82	80- 90	17.84	2005	70.2,70.2
100	62.76	50.52	58.55	57.32	56.95	56.76	57.18	60.72	90-100	47.92	2053	71.9,71.9
110	95.58	86.26	89.07	86.57	85.86	85.90	86.60	91.35	100-110	76.38	2130	74.6,74.6
120	132.2	129.6	125.6	122.1	120.4	120.6	122.9	128.0	110-120	105.2	2235	78.3,78.3
130	170.8	168.8	165.2	160.7	159.3	159.7	161.9	167.7	120-130	129.6	2364	82.8,82.8
140	206.6	204.9	201.5	197.4	195.9	196.4	198.7	204.1	130-140	141.2	2505	87.8,87.8
150	236.8	235.3	232.5	229.0	227.7	228.2	230.3	234.7	140-150	135.8	2641	92.5,92.5
160	258.9	258.0	256.0	253.4	252.5	252.8	254.5	257.5	150-160	112.7	2754	96.5,96.5
170	271.7	271.3	270.4	268.8	268.4	268.6	269.5	271.2	160-170	74.48	2828	99.1,99.1
180	274.4	274.4	274.4	274.4	274.4	274.4	274.4	274.4	170-180	25.99	2854	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	Shielding Angle:



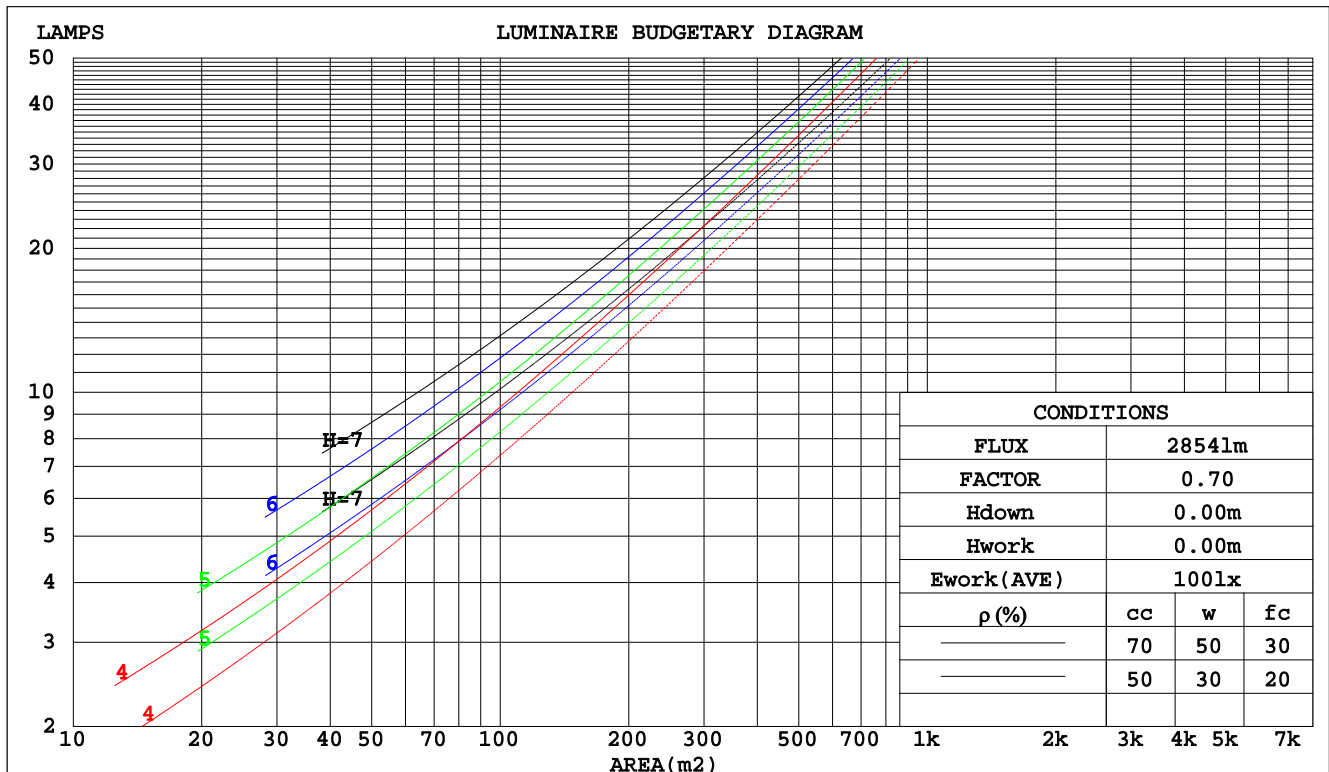
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	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						Coefficients of Utilization(CU)									
0.0	1.12	1.12	1.12	1.06	1.06	1.06	.95	.95	.95	.84	.84	.84	.75	.75	.75	.70
1.0	.99	.96	.93	.94	.91	.88	.85	.82	.80	.76	.74	.72	.68	.66	.65	.61
2.0	.88	.82	.77	.84	.79	.74	.76	.72	.68	.68	.65	.62	.61	.59	.57	.53
3.0	.78	.71	.66	.75	.68	.63	.68	.63	.59	.61	.57	.54	.55	.52	.49	.46
4.0	.70	.63	.57	.67	.60	.55	.61	.55	.51	.55	.51	.47	.50	.46	.44	.41
5.0	.63	.55	.50	.60	.53	.48	.55	.49	.45	.50	.45	.42	.45	.42	.39	.36
6.0	.57	.49	.44	.55	.48	.42	.50	.44	.40	.46	.41	.37	.42	.38	.34	.32
7.0	.52	.44	.39	.50	.43	.38	.46	.40	.35	.42	.37	.33	.38	.34	.31	.29
8.0	.48	.40	.35	.46	.39	.34	.42	.36	.32	.39	.34	.30	.35	.31	.28	.26
9.0	.44	.36	.31	.42	.35	.30	.39	.33	.29	.36	.31	.27	.33	.29	.26	.24
10.0	.40	.33	.28	.39	.32	.28	.36	.30	.26	.33	.28	.25	.30	.26	.23	.22



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

WEC AND CCEC

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	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	.259	.147	.047	.243	.139	.044	.214	.122	.039	.186	.107	.034	.161	.093	.030		
2.0	.245	.135	.041	.231	.127	.039	.204	.114	.035	.179	.101	.031	.156	.088	.028		
3.0	.230	.122	.037	.217	.116	.035	.192	.104	.032	.170	.093	.029	.149	.082	.025		
4.0	.215	.111	.033	.203	.106	.031	.180	.096	.029	.160	.086	.026	.141	.076	.023		
5.0	.200	.102	.030	.190	.097	.028	.169	.088	.026	.150	.079	.024	.133	.071	.021		
6.0	.188	.094	.027	.178	.090	.026	.159	.082	.024	.142	.074	.022	.125	.066	.020		
7.0	.176	.087	.025	.167	.083	.024	.150	.076	.022	.134	.069	.020	.118	.062	.018		
8.0	.166	.081	.023	.157	.077	.022	.141	.071	.020	.126	.064	.018	.112	.058	.017		
9.0	.156	.076	.021	.149	.072	.020	.134	.066	.019	.120	.060	.017	.107	.054	.016		
10.0	.148	.071	.020	.141	.068	.019	.127	.062	.017	.114	.056	.016	.101	.051	.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	.417	.417	.417	.357	.357	.357	.243	.243	.243	.140	.140	.140	.045	.045	.045	
1.0	.405	.385	.367	.347	.331	.316	.237	.227	.218	.137	.132	.127	.044	.042	.041	
2.0	.396	.362	.334	.339	.312	.288	.233	.216	.201	.134	.125	.118	.043	.041	.038	
3.0	.388	.345	.311	.333	.298	.270	.228	.207	.189	.132	.121	.112	.042	.039	.037	
4.0	.381	.333	.296	.327	.287	.257	.225	.200	.181	.130	.117	.107	.042	.038	.035	
5.0	.374	.323	.285	.321	.279	.248	.221	.195	.175	.128	.114	.104	.041	.037	.034	
6.0	.367	.315	.277	.316	.272	.241	.218	.191	.170	.126	.112	.101	.041	.037	.033	
7.0	.361	.308	.271	.311	.267	.236	.215	.187	.167	.125	.110	.099	.040	.036	.033	
8.0	.356	.303	.266	.306	.262	.232	.212	.184	.165	.123	.109	.098	.040	.036	.032	
9.0	.350	.298	.263	.302	.259	.229	.209	.182	.163	.122	.107	.097	.039	.035	.032	
10.0	.345	.294	.260	.298	.255	.227	.207	.180	.161	.120	.106	.096	.039	.035	.032	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Jason Long
 Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.850m [K=1.7094]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm										
NAME: GAME 350-U-26W-830					TYPE:Ceiling light			WEIGHT:		
SPEC.:3000K					DIM.: ϕ 350mm*H78mm			SERIAL No.:		
MFR.: NEKO LIGHTING AG					SUR.: ϕ 350mm			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	12.7	13.8	13.3	14.4	15.1	12.7	13.7	13.3	14.4	15.1
3H	13.3	14.3	14.0	14.9	15.7	13.4	14.3	14.0	14.9	15.7
4H	13.6	14.5	14.3	15.2	16.0	13.6	14.5	14.3	15.2	16.0
6H	13.9	14.7	14.6	15.4	16.2	13.9	14.7	14.6	15.4	16.2
8H	14.0	14.8	14.7	15.5	16.3	13.9	14.7	14.6	15.4	16.2
12H	14.0	14.8	14.7	15.5	16.3	13.8	14.6	14.6	15.3	16.1
4H 2H	12.8	13.7	13.5	14.4	15.2	12.8	13.7	13.5	14.3	15.1
3H	13.6	14.4	14.3	15.1	15.9	13.6	14.4	14.4	15.1	16.0
4H	14.0	14.7	14.8	15.4	16.3	14.1	14.8	14.8	15.5	16.4
6H	14.4	15.0	15.2	15.8	16.7	14.5	15.1	15.3	15.8	16.8
8H	14.6	15.1	15.4	15.9	16.8	14.5	15.1	15.3	15.9	16.8
12H	14.6	15.1	15.4	15.9	16.9	14.5	15.0	15.3	15.8	16.7
8H 4H	14.1	14.6	14.9	15.4	16.3	14.1	14.7	14.9	15.5	16.4
6H	14.6	15.0	15.4	15.9	16.8	14.7	15.2	15.5	16.0	17.0
8H	14.8	15.2	15.7	16.1	17.1	14.8	15.2	15.7	16.1	17.1
12H	15.0	15.3	15.8	16.2	17.2	14.8	15.1	15.7	16.0	17.0
12H 4H	14.1	14.5	14.9	15.3	16.3	14.1	14.6	14.9	15.4	16.4
6H	14.6	15.0	15.5	15.8	16.8	14.7	15.1	15.6	15.9	16.9
8H	14.9	15.2	15.8	16.1	17.1	14.9	15.2	15.7	16.1	17.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.4 / - 0.5				
1.5H	+ 0.4 / - 0.5					+ 0.3 / - 0.4				
2.0H	+ 1.2 / - 0.7					+ 1.1 / - 1.0				

CIE Pub.117, 2854 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 3.6$)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	Shielding Angle:

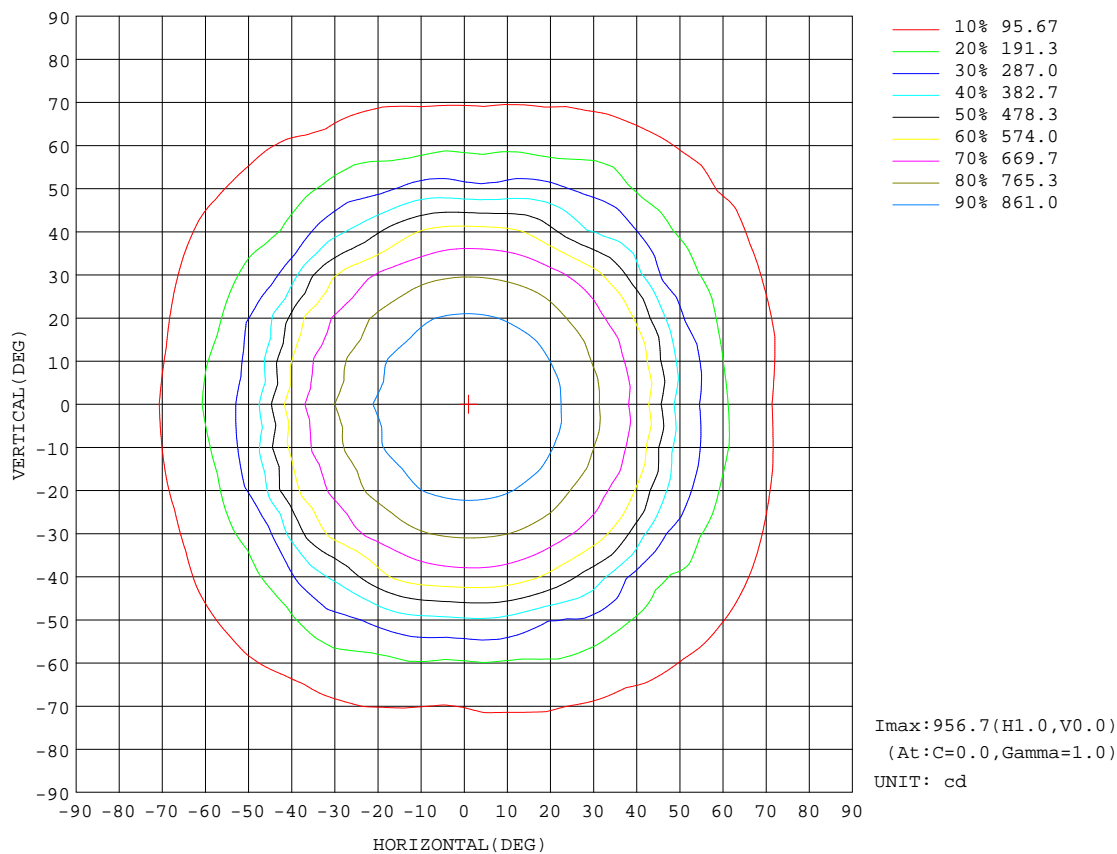
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	44	38	53	43	38	50	42	37	30
0.80	64	54	47	62	52	46	58	50	45	37
1.00	72	62	55	69	60	54	64	58	52	43
1.25	79	69	62	75	67	61	70	63	58	47
1.50	83	74	68	80	72	66	73	67	62	51
2.00	89	81	75	85	78	73	78	73	68	55
2.50	93	86	80	89	82	77	81	76	72	57
3.00	96	90	84	92	86	81	83	79	75	59
4.00	100	94	90	95	90	86	86	82	79	62
5.00	102	97	93	97	93	89	87	84	82	63
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	Shielding Angle:

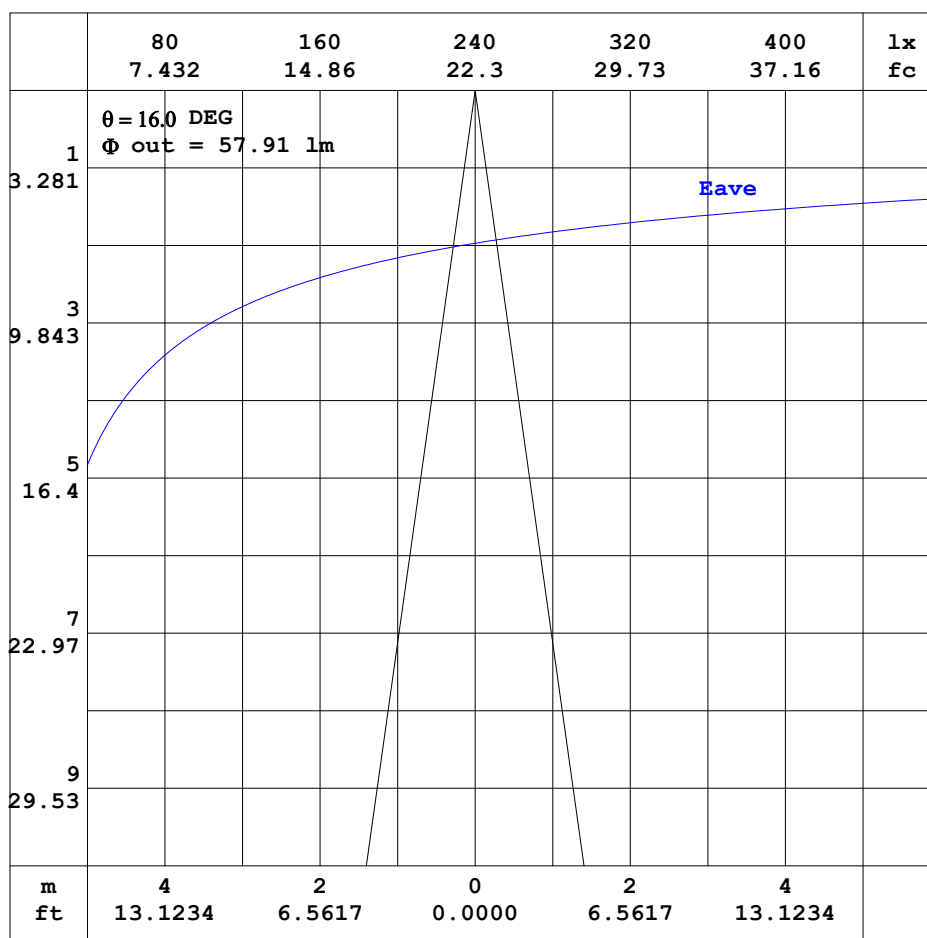


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

AAI CURVES

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	Shielding Angle:



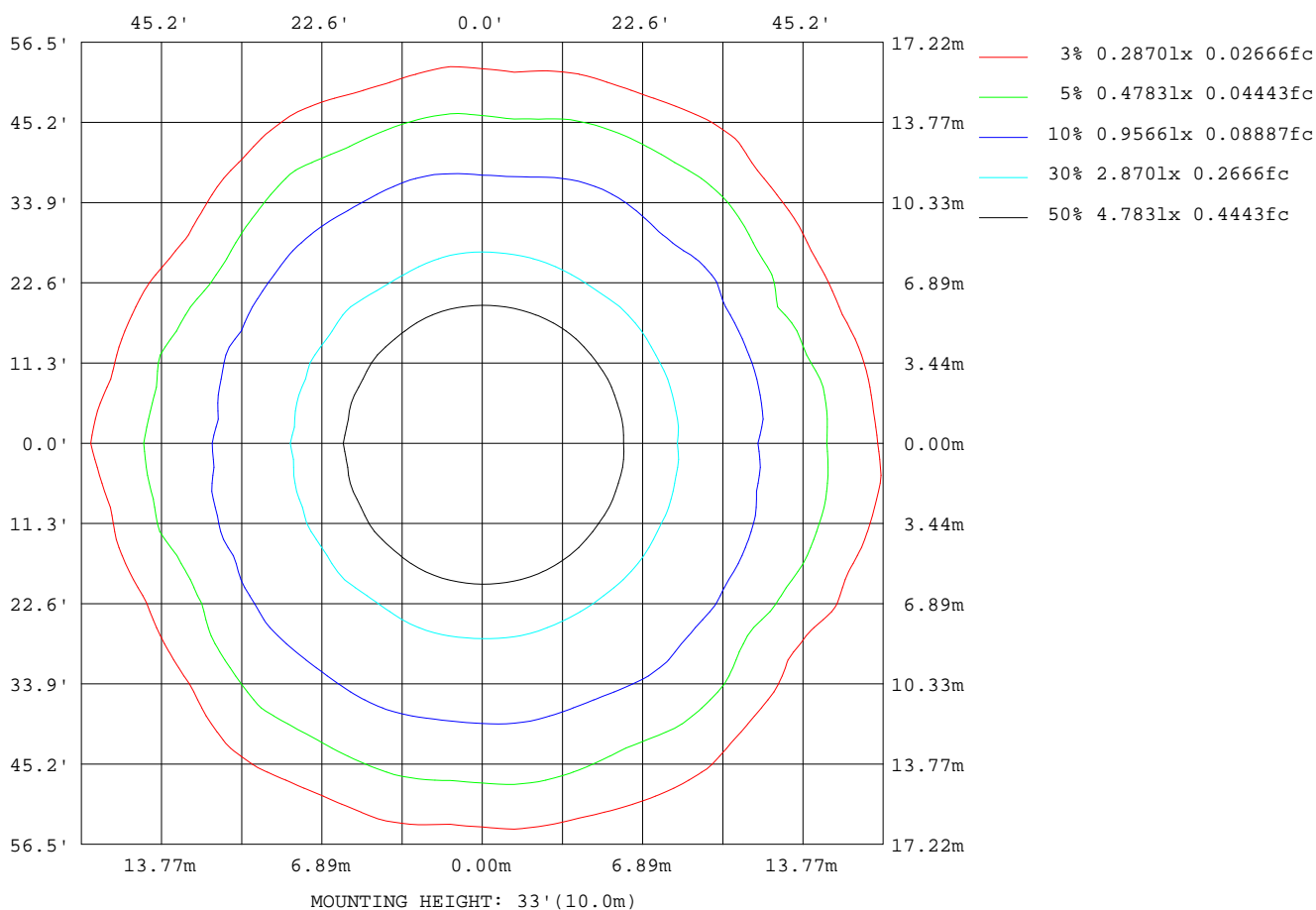
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

ISOLUX DIAGRAM

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

LED Avg.L Report

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	Shielding Angle:

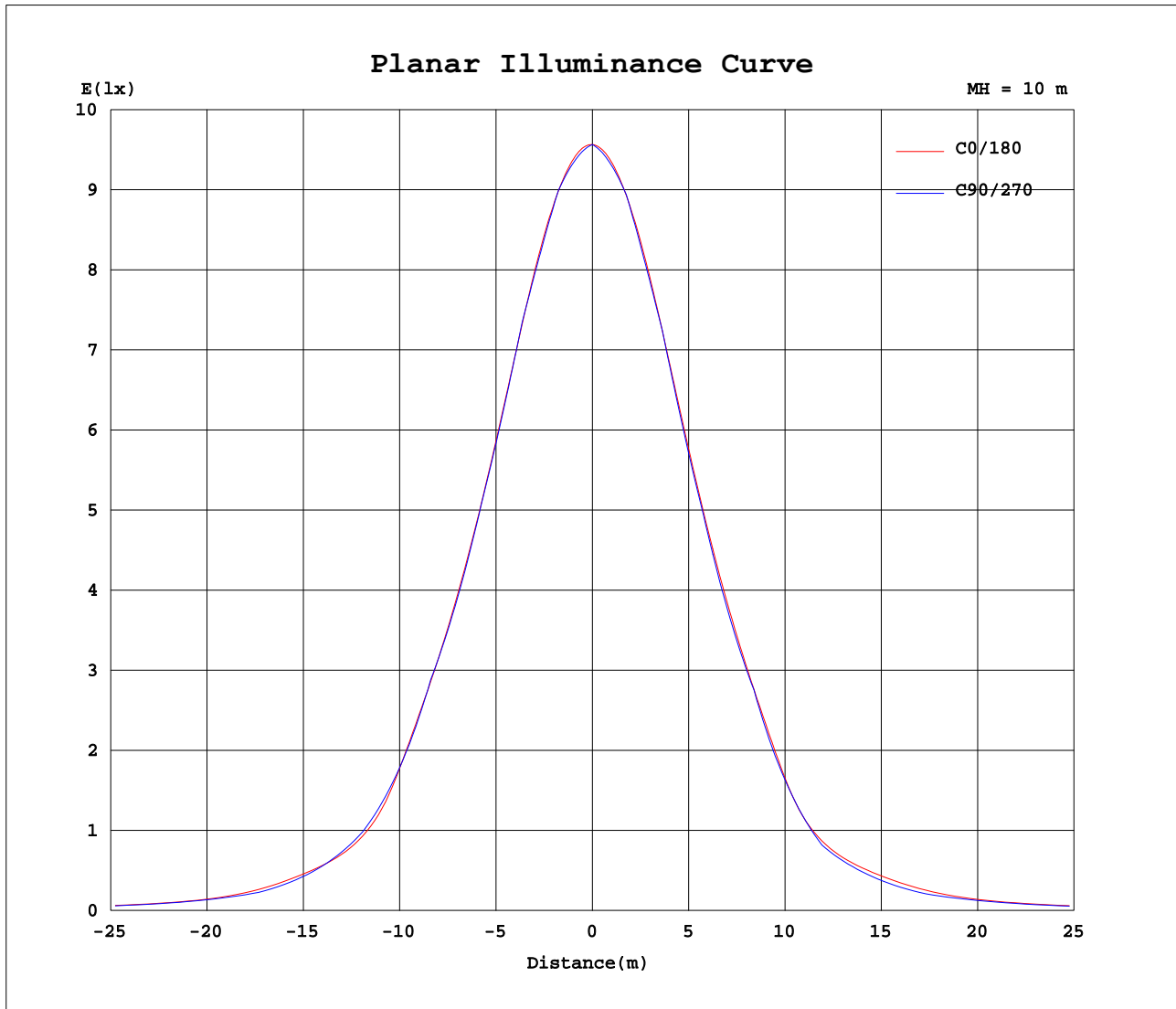
AvgL	cd/m2
L_0~180 (65) av	3498
L_0~180 (75) av	2777
L_0~180 (85) av	2423
L_90~270 (65) av	3294
L_90~270 (75) av	2700
L_90~270 (85) av	0
L_45 (65) av	3299
L_45 (75) av	2720
L_45 (85) av	1472

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason Long
Test Date: 2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 5.850m [K=1.7094]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	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	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957
5	953	953	952	952	952	951	951	951	951	950	950	950	950	950	949	949	949	949	948
10	941	940	940	940	940	940	940	940	940	940	940	941	941	941	941	942	942	941	941
15	918	918	918	919	921	920	920	921	922	921	919	918	918	917	916	915	915	914	913
20	883	884	885	887	886	886	887	886	886	887	886	885	884	884	885	885	885	886	886
25	836	838	842	840	839	839	840	842	840	839	839	840	840	839	838	836	835	833	832
30	781	785	788	784	784	785	785	782	781	783	785	786	785	785	783	782	781	780	779
35	717	724	724	721	723	721	715	717	721	721	720	721	719	718	718	716	714	712	710
40	636	649	645	647	651	643	644	648	646	642	635	635	635	636	639	642	644	643	641
45	503	534	513	542	532	541	541	541	538	529	516	517	523	521	520	520	517	510	505
50	351	367	363	385	385	389	380	394	385	381	397	397	386	373	371	376	380	377	371
55	282	289	293	292	286	265	258	231	253	284	292	289	271	263	270	279	285	283	274
60	211	223	214	208	194	201	181	181	188	192	199	212	212	208	200	191	190	191	182
65	144	151	138	127	139	141	142	140	145	142	130	126	149	158	153	146	147	147	138
70	107	112	112	106	104	104	104	104	103	104	100	103	110	112	111	108	106	105	97.7
75	71.7	74.4	75.1	76.8	72.4	73.0	73.3	74.4	73.5	71.8	74.9	79.4	78.8	79.9	82.1	79.7	78.1	75.5	70.2
80	50.6	54.8	54.1	51.5	48.7	47.0	46.2	48.0	48.1	48.7	51.8	54.9	54.6	54.7	56.0	53.2	51.3	46.9	44.3
85	22.5	20.0	21.5	22.8	24.0	23.2	22.6	20.0	16.9	14.1	12.1	9.93	7.39	5.13	3.37	1.81	0.77	0.18	0.00
90	36.0	30.7	26.7	24.2	23.8	24.3	25.2	25.2	25.1	25.0	24.8	24.7	25.1	26.5	0.00	0.00	31.4	32.6	33.4
95	47.8	44.5	41.8	40.0	39.2	38.9	38.9	38.2	37.6	36.9	36.3	35.9	35.9	36.9	38.3	40.0	41.9	43.6	45.0
100	62.8	59.7	57.1	55.1	53.8	53.0	52.4	51.7	51.1	50.5	49.7	49.2	49.1	50.2	51.9	53.7	55.6	57.3	58.6
105	79.1	76.9	75.0	73.4	72.3	71.4	70.5	69.1	67.9	66.9	66.3	66.2	66.6	68.4	70.3	72.2	72.9	73.2	73.2
110	95.6	94.0	92.5	91.3	90.4	89.6	88.8	87.9	87.0	86.3	85.8	85.7	85.9	87.2	88.6	89.8	89.9	89.6	89.1
115	113	113	112	112	111	110	109	108	107	107	108	108	109	109	108	108	107	107	106
120	132	132	132	132	131	131	131	131	130	130	129	129	129	128	128	127	127	126	126
125	152	152	151	151	151	151	151	151	150	149	149	149	149	148	147	147	146	146	146
130	171	171	171	171	171	171	170	170	169	169	169	168	168	168	167	166	166	165	165
135	189	189	189	189	189	189	189	188	188	187	187	187	187	186	185	185	184	184	184
140	207	207	207	207	207	207	206	206	205	205	205	205	204	204	203	202	202	202	202
145	223	223	223	223	223	222	222	222	221	221	221	221	220	220	219	219	218	218	218
150	237	237	237	237	237	237	237	236	236	235	235	235	235	234	234	233	233	233	233
155	249	249	249	249	249	249	249	248	248	248	248	248	247	247	246	246	246	246	245
160	259	259	259	259	259	259	259	259	258	258	258	258	258	257	257	257	256	256	256
165	267	267	267	267	267	267	267	266	266	266	266	266	266	266	265	265	265	265	264
170	272	272	272	272	272	272	272	272	271	271	271	271	271	271	271	271	271	270	270
175	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274
180	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	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	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957
5	948	948	947	947	947	946	946	946	946	946	946	946	947	947	948	949	949	950	949
10	941	940	939	938	937	936	935	933	932	931	929	928	928	929	930	931	933	935	932
15	912	911	910	909	908	908	909	910	912	913	909	906	903	901	901	903	906	910	905
20	885	883	881	879	877	874	871	868	867	868	870	874	870	864	859	861	866	872	864
25	830	829	828	828	828	829	830	830	824	818	813	815	820	819	812	808	814	823	812
30	778	777	776	774	772	769	765	764	766	769	763	754	753	760	758	750	754	766	752
35	708	707	707	707	707	708	711	704	697	693	696	698	687	686	697	687	685	699	683
40	640	639	638	635	626	614	604	609	626	625	611	613	625	609	613	612	595	614	587
45	503	506	514	519	519	512	497	482	487	510	526	500	501	511	473	489	439	468	420
50	367	370	381	386	382	374	367	367	371	378	365	361	335	352	347	347	327	328	312
55	271	279	284	280	275	272	277	287	276	266	252	227	224	234	260	256	264	267	256
60	178	191	199	193	194	201	211	211	196	181	174	178	175	179	173	172	185	203	193
65	136	145	145	140	141	147	149	141	132	131	134	133	136	129	126	119	123	140	137
70	93.8	98.5	103	105	108	107	104	97.3	96.2	97.5	97.3	94.6	94.4	93.6	90.4	92.4	97.3	101	92.7
75	68.7	71.3	73.3	75.7	76.9	74.2	70.8	70.2	69.1	68.1	66.6	68.8	66.4	64.7	61.6	63.4	66.1	66.6	66.1
80	43.6	44.2	45.3	47.6	49.3	49.9	47.7	47.8	45.1	42.2	40.8	39.6	40.1	40.1	39.4	39.6	41.2	45.1	40.8
85	0.17	0.67	1.53	2.82	4.57	6.70	8.77	11.5	13.6	14.8	16.8	17.9	16.9	16.1	16.1	13.4	9.90	18.1	13.1
90	33.6	33.5	0.00	0.00	32.7	32.4	32.3	32.2	32.2	32.2	32.2	32.2	32.3	32.4	32.5	32.5	32.4	32.3	32.0
95	45.3	45.2	45.0	44.9	44.9	44.8	44.7	44.5	44.4	44.5	44.5	44.5	44.5	44.4	44.3	44.3	44.3	44.3	44.1
100	58.6	58.3	57.9	57.8	57.8	57.8	57.7	57.5	57.3	57.4	57.4	57.4	57.2	57.0	56.8	56.9	56.9	57.0	56.9
105	73.1	72.8	72.4	72.2	72.0	71.8	71.7	71.7	71.6	71.5	71.4	71.2	71.1	71.0	70.9	70.9	70.8	70.8	70.7
110	88.7	88.4	88.0	87.7	87.5	87.2	87.0	86.8	86.6	86.5	86.4	86.3	86.2	86.0	85.9	85.9	85.9	85.9	85.8
115	106	106	105	105	104	104	104	103	103	103	103	103	102	102	102	102	102	102	102
120	125	125	124	124	123	123	123	122	122	122	121	121	121	121	121	121	120	120	120
125	145	144	144	144	143	143	143	142	142	141	141	141	141	140	140	140	140	140	140
130	165	164	163	163	163	162	162	161	161	161	161	160	160	159	159	159	159	159	159
135	183	183	182	182	181	181	181	180	180	179	179	179	179	178	178	178	178	178	178
140	201	200	200	199	199	199	198	198	197	197	197	197	197	196	196	196	196	196	196
145	217	217	216	216	216	215	215	214	214	214	214	214	213	213	212	212	212	213	212
150	232	231	231	231	230	230	230	229	229	229	229	229	228	228	227	228	228	228	228
155	245	244	244	244	243	243	243	243	242	242	242	242	242	241	241	241	241	241	241
160	256	255	255	255	255	254	254	254	253	253	253	253	253	253	252	252	252	252	252
165	264	264	263	263	263	263	263	263	262	262	262	262	262	262	262	262	262	262	262
170	270	270	270	270	270	269	269	269	269	269	269	269	269	268	268	268	268	268	268
175	274	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273
180	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm		
NAME: GAME 350-U-26W-830	TYPE:Ceiling light	WEIGHT:
SPEC.:3000K	DIM.: ϕ 350mm*H78mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: ϕ 350mm	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	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957
5	948	947	947	946	945	945	945	944	944	944	944	945	945	945	945	945	946	946	946
10	930	928	927	926	926	927	928	929	930	931	932	933	934	934	935	935	936	936	936
15	901	898	897	899	902	904	908	906	904	902	901	901	901	901	902	903	903	904	905
20	858	856	859	864	867	862	859	858	859	861	864	866	868	869	870	871	872	872	872
25	804	807	813	812	806	803	807	812	817	816	815	814	813	813	813	814	815	817	818
30	746	753	752	744	743	750	755	750	747	748	752	755	757	758	758	759	760	760	761
35	682	690	677	675	684	679	673	676	682	689	681	677	677	679	682	684	686	687	689
40	599	596	589	606	587	581	595	598	574	558	561	573	586	599	608	612	612	612	612
45	456	437	471	457	449	472	463	449	439	431	441	452	461	468	471	468	461	460	468
50	322	327	331	306	306	302	313	325	328	327	321	322	330	338	336	323	308	306	321
55	247	259	235	226	207	202	214	223	237	249	241	234	236	241	247	249	240	234	243
60	173	163	167	166	162	156	164	168	165	171	183	180	166	160	166	174	167	164	177
65	124	114	117	124	120	125	124	123	115	113	128	135	127	123	124	131	130	126	133
70	93.7	93.9	91.6	89.7	86.7	87.4	88.7	88.8	87.1	86.9	90.5	93.6	96.4	94.2	91.2	90.4	89.9	89.3	93.8
75	64.5	62.0	59.6	58.7	61.8	60.3	59.1	60.5	62.4	65.3	64.5	63.5	67.6	67.5	65.3	63.7	64.2	63.6	65.1
80	40.8	38.6	38.1	35.8	36.3	35.3	34.8	35.3	37.5	40.4	40.8	40.6	42.3	40.6	39.2	37.0	37.8	37.9	37.4
85	14.8	14.3	12.7	12.3	12.2	11.6	10.5	9.51	8.12	7.01	5.31	3.73	2.52	1.36	0.59	0.14	0.00	0.14	0.56
90	31.8	31.5	31.4	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.6	31.9	32.2	32.4	32.6	32.7	32.9	33.1
95	44.0	43.8	43.7	43.6	43.6	43.7	43.8	43.9	43.8	43.8	43.8	43.9	44.1	44.2	44.3	44.4	44.5	44.7	44.9
100	56.7	56.6	56.5	56.5	56.4	56.5	56.7	56.8	56.7	56.7	56.6	56.8	57.0	57.2	57.1	57.1	57.2	57.5	57.8
105	70.6	70.5	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.7	72.0
110	85.6	85.6	85.6	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.1	86.2	86.4	86.6	87.0	87.4
115	102	102	102	102	102	102	102	102	102	102	102	102	103	103	103	103	104	104	105
120	120	120	120	120	120	120	120	121	121	121	121	121	121	122	122	122	123	123	124
125	140	140	140	139	139	140	140	140	140	140	140	141	141	142	142	142	142	143	144
130	159	159	159	159	159	159	159	160	160	160	160	160	161	161	161	162	162	163	163
135	178	178	178	177	177	178	178	179	179	179	179	179	180	180	180	181	181	181	182
140	196	196	195	195	195	196	196	196	196	196	196	197	197	198	198	198	199	199	200
145	212	212	212	212	212	212	213	213	213	213	213	214	214	215	215	215	215	216	217
150	228	227	227	227	227	228	228	228	228	228	228	229	229	230	230	230	230	231	231
155	241	241	241	241	241	241	241	241	242	242	242	242	242	243	243	243	243	244	244
160	252	252	252	252	252	252	253	253	253	253	253	253	254	254	254	254	254	255	255
165	262	261	261	261	261	262	262	262	262	262	262	262	263	263	263	263	263	264	264
170	268	268	268	268	268	268	269	269	269	269	269	269	269	269	269	269	269	270	270
175	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	274
180	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.1274A P:28.08W PF:0 Freq:0Hz Lamp Flux:2854.47x1 lm																	
NAME: GAME 350-U-26W-830									TYPE:Ceiling light						WEIGHT:		
SPEC.:3000K									DIM.: ϕ 350mm*H78mm						SERIAL No.:		
MFR.: NEKO LIGHTING AG									SUR.: ϕ 350mm						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	957	957	957	957	957	957	957	957	957	957	957	957	957	957	957				
5	947	947	947	947	948	948	948	949	949	950	950	951	951	952	952				
10	936	936	936	936	936	936	936	936	936	937	937	937	938	939	939				
15	906	907	908	909	910	912	914	915	915	915	916	917	917	917	917				
20	872	872	872	873	874	876	878	878	879	880	880	881	884	883	882				
25	820	822	824	826	827	829	829	831	834	833	832	833	835	839	836				
30	763	764	767	770	773	773	772	772	773	777	778	776	778	783	782				
35	692	694	698	701	706	707	709	711	708	707	713	715	712	718	721				
40	613	611	607	602	602	608	625	632	635	632	635	643	643	644	649				
45	484	495	492	475	459	467	493	514	520	526	531	530	544	524	539				
50	348	367	376	373	362	352	356	388	396	366	373	375	383	380	381				
55	260	268	272	272	275	284	289	277	263	261	233	257	263	289	292				
60	180	177	183	198	211	215	194	186	192	187	192	190	199	200	202				
65	135	128	128	140	146	144	140	137	137	142	143	143	137	128	133				
70	96.0	96.0	100	102	105	102	99.9	99.9	101	101	97.5	102	105	109	112				
75	66.8	68.3	72.1	69.9	68.8	68.7	69.4	70.1	70.4	72.5	72.9	71.4	71.8	72.4	74.2				
80	39.3	41.2	44.0	45.3	44.4	45.6	44.8	43.5	43.2	42.5	44.4	44.2	47.7	50.3	51.8				
85	1.32	2.42	3.99	5.92	7.76	10.4	12.2	13.8	16.0	18.2	19.0	20.3	21.1	22.4	26.0				
90	33.3	33.5	33.6	33.8	34.1	34.5	34.8	35.2	35.5	35.9	36.5	37.0	37.3	37.1	36.7				
95	45.2	45.3	45.5	45.8	46.2	46.7	47.2	47.5	47.9	48.2	48.9	49.5	49.8	49.5	48.9				
100	58.2	58.4	58.7	59.0	59.5	60.1	60.7	61.1	61.5	61.8	62.5	63.1	63.6	63.6	63.3				
105	72.4	72.8	73.2	73.7	74.3	74.8	75.4	76.0	76.5	77.0	77.6	78.1	78.6	78.9	79.0				
110	87.8	88.3	88.9	89.5	90.1	90.7	91.4	92.0	92.6	93.2	93.8	94.4	94.9	95.2	95.4				
115	105	106	106	107	108	108	109	109	110	111	111	112	112	113	113				
120	124	125	126	126	127	127	128	129	129	130	131	131	132	132	132				
125	145	145	145	146	147	147	148	149	149	149	150	151	152	152	152				
130	164	164	165	165	166	167	168	168	168	169	170	170	171	171	171				
135	183	183	184	184	185	186	186	187	187	187	188	189	189	190	190				
140	201	201	201	202	203	203	204	204	205	205	206	206	207	207	207				
145	217	218	218	218	219	220	220	221	221	221	222	222	223	223	223				
150	232	232	233	233	234	234	235	235	235	235	236	236	237	237	237				
155	245	245	245	246	246	247	247	247	248	248	248	249	249	249	249				
160	256	256	256	256	257	257	257	258	258	258	258	259	259	259	259				
165	264	264	265	265	265	265	266	266	266	266	266	266	267	267	267				
170	270	270	270	271	271	271	271	271	271	271	271	272	272	272	272				
175	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274				
180	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason Long
Test Date:2020-05-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.850m [K=1.7094]
Remarks: