

ASCONA-830-110°



Light Output Ratio:	100.0%	
Luminaire Power:	9.654 W	
SHR Nominal:	1.25	Calculated using the TM5
SHR Maximum:	1.35	fine grid method.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-06-24

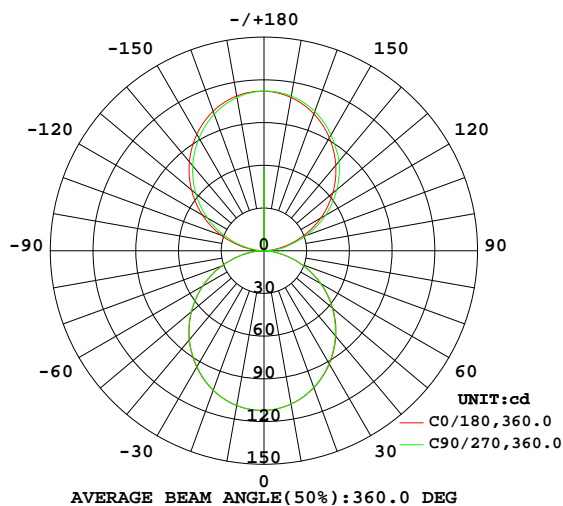
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 5.850m [K=1.7094]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

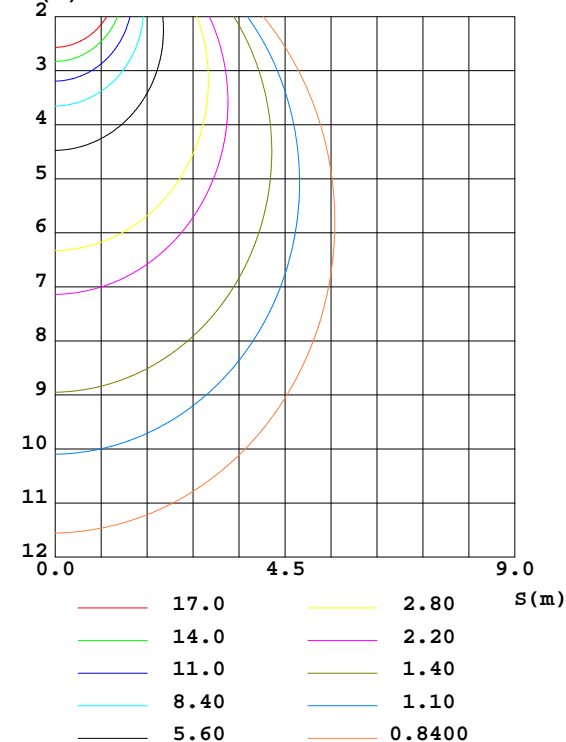
Test:U:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE: Recessed Ground Light	WEIGHT:
SPEC.: 3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: L207mm*H60mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.08 lm/W			
MODEL	3000K	Imax(cd)	112.2	S/MH(C0/180)	1.25
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	628.35	η UP,DN(C0-180)	25.5,24.4
NOMINAL FLUX(lm)	628.35	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.5,25.6
LAMPS INSIDE	1	η up(%)	50.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.0	η down(%)	50.0	CIBSE SHR MAX	1.35

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
Test Date: 2020-06-24

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:

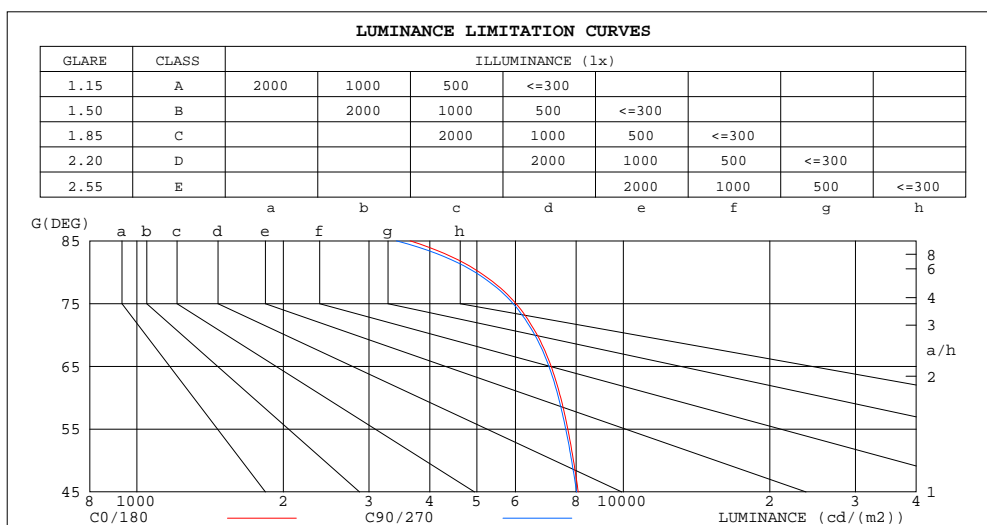
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	109.3	109.3	109.3	109.9	110.4	110.6	110.4	109.9	0- 10	10.60	10.60	1.69,1.69
20	102.4	102.1	102.2	103.3	104.3	104.6	104.2	103.4	10- 20	30.21	40.81	6.49,6.49
30	91.77	91.43	91.37	92.98	94.44	94.71	94.10	93.10	20- 30	45.41	86.22	13.7,13.7
40	78.41	77.95	77.86	79.77	81.52	81.86	81.91	79.99	30- 40	54.26	140.5	22.4,22.4
50	63.04	62.56	62.49	64.55	66.45	67.42	66.79	65.10	40- 50	56.00	196.5	31.3,31.3
60	46.17	45.66	45.69	47.75	49.71	50.32	49.88	48.15	50- 60	50.51	247.0	39.3,39.3
70	28.25	27.83	27.94	29.88	31.81	32.30	31.61	30.16	60- 70	38.62	285.6	45.5,45.5
80	10.91	10.54	10.69	12.25	13.90	15.42	15.24	12.35	70- 80	22.23	307.8	49,49
90	0.1912	2.151	4.723	2.332	0.6453	0.1732	0.1094	0.1419	80- 90	6.337	314.2	50,50
100	10.91	12.35	15.24	15.42	13.90	12.25	10.69	10.54	90-100	6.337	320.5	51,51
110	28.25	30.16	31.61	32.30	31.81	29.88	27.94	27.83	100-110	22.23	342.7	54.5,54.5
120	46.17	48.15	49.88	50.32	49.71	47.75	45.69	45.66	110-120	38.62	381.4	60.7,60.7
130	63.04	65.10	66.79	67.42	66.45	64.55	62.49	62.56	120-130	50.51	431.9	68.7,68.7
140	78.41	79.99	81.91	81.86	81.52	79.77	77.86	77.95	130-140	56.00	487.9	77.6,77.6
150	91.77	93.10	94.10	94.71	94.44	92.98	91.37	91.43	140-150	54.26	542.1	86.3,86.3
160	102.4	103.4	104.2	104.6	104.3	103.3	102.2	102.1	150-160	45.41	587.5	93.5,93.5
170	109.3	109.9	110.4	110.6	110.4	109.9	109.3	109.3	160-170	30.21	617.8	98.3,98.3
180	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	170-180	10.60	628.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason
Test Date:2020-06-24

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ 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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE: Recessed Ground Light	WEIGHT:
SPEC.: 3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: L207mm*H60mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3646	3416
80	5061	4957
75	6015	5933
70	6651	6578
65	7105	7033
60	7434	7358
55	7687	7614
50	7896	7827
45	8077	8014

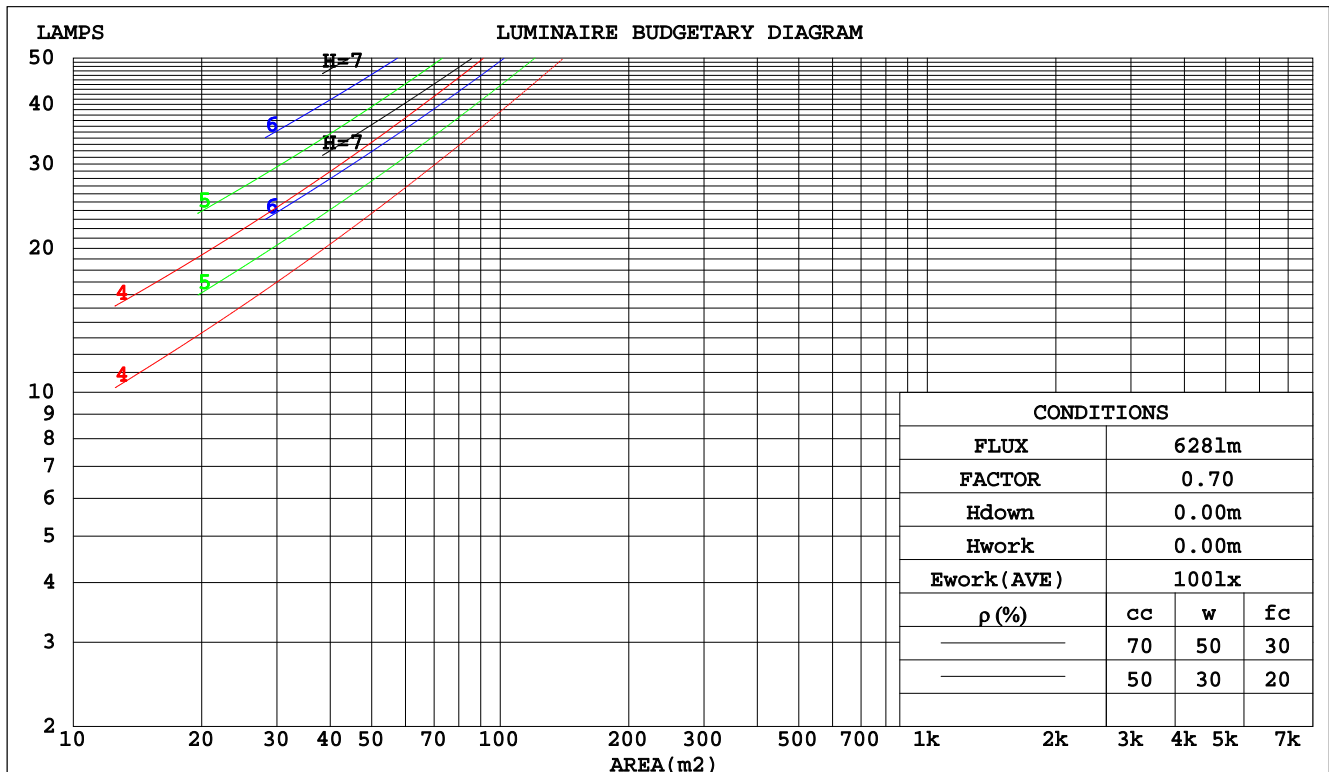
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE: Recessed Ground Light	WEIGHT:
SPEC.: 3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: L207mm*H60mm	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	1.07	1.07	1.07	.99	.99	.99	.83	.83	.83	.69	.69	.69	.56	.56	.56	.50
1.0	.93	.89	.86	.86	.83	.80	.73	.70	.68	.61	.59	.57	.49	.48	.47	.42
2.0	.81	.75	.70	.75	.70	.65	.64	.60	.56	.53	.50	.48	.43	.41	.39	.35
3.0	.71	.64	.58	.66	.59	.54	.56	.51	.47	.47	.43	.40	.38	.36	.33	.29
4.0	.63	.55	.49	.58	.51	.46	.50	.44	.40	.42	.37	.34	.34	.31	.29	.25
5.0	.56	.48	.42	.52	.45	.39	.44	.39	.34	.37	.33	.29	.31	.27	.25	.22
6.0	.50	.42	.36	.47	.39	.34	.40	.34	.30	.34	.29	.26	.28	.24	.22	.19
7.0	.45	.37	.32	.42	.35	.30	.36	.30	.26	.30	.26	.23	.25	.22	.19	.17
8.0	.41	.33	.28	.38	.31	.26	.33	.27	.23	.28	.23	.20	.23	.20	.17	.15
9.0	.37	.30	.25	.35	.28	.23	.30	.25	.21	.26	.21	.18	.21	.18	.16	.13
10.0	.34	.27	.22	.32	.25	.21	.28	.22	.19	.24	.19	.16	.20	.16	.14	.12



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE: Recessed Ground Light	WEIGHT:
SPEC.: 3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: L207mm*H60mm	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	.284	.162	.051	.262	.149	.047	.221	.127	.040	.183	.105	.034	.148	.086	.028		
2.0	.264	.145	.044	.244	.135	.041	.207	.115	.036	.172	.096	.030	.140	.079	.025		
3.0	.244	.130	.039	.226	.121	.036	.191	.104	.032	.160	.087	.027	.130	.072	.022		
4.0	.226	.117	.034	.209	.109	.032	.177	.094	.028	.148	.079	.024	.120	.065	.020		
5.0	.209	.107	.031	.194	.099	.029	.165	.086	.025	.137	.072	.022	.112	.060	.018		
6.0	.194	.097	.028	.180	.091	.026	.153	.079	.023	.128	.067	.020	.104	.055	.016		
7.0	.181	.090	.025	.168	.084	.024	.143	.072	.021	.120	.061	.018	.098	.051	.015		
8.0	.170	.083	.023	.157	.077	.022	.134	.067	.019	.112	.057	.016	.092	.047	.014		
9.0	.159	.077	.021	.148	.072	.020	.126	.062	.018	.106	.053	.015	.086	.044	.013		
10.0	.150	.072	.020	.139	.067	.019	.119	.058	.016	.100	.049	.014	.082	.041	.012		

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	.571	.571	.571	.488	.488	.488	.333	.333	.333	.191	.191	.191	.061	.061	.061	
1.0	.563	.540	.521	.481	.464	.448	.329	.319	.310	.190	.185	.180	.061	.059	.058	
2.0	.555	.519	.488	.476	.447	.422	.326	.309	.294	.188	.180	.172	.060	.058	.056	
3.0	.548	.503	.467	.470	.434	.405	.323	.301	.284	.186	.176	.167	.060	.057	.055	
4.0	.542	.491	.452	.465	.424	.393	.320	.296	.277	.185	.173	.164	.059	.056	.054	
5.0	.535	.482	.442	.459	.417	.385	.316	.291	.272	.183	.171	.161	.059	.056	.053	
6.0	.529	.474	.435	.454	.411	.379	.314	.287	.268	.182	.169	.159	.059	.055	.053	
7.0	.523	.468	.430	.450	.406	.374	.311	.284	.265	.181	.168	.158	.058	.055	.052	
8.0	.517	.463	.426	.445	.401	.371	.308	.282	.263	.179	.166	.157	.058	.055	.052	
9.0	.512	.458	.422	.441	.398	.368	.305	.280	.262	.178	.165	.156	.058	.054	.052	
10.0	.507	.455	.420	.437	.395	.366	.303	.278	.260	.177	.164	.155	.057	.054	.052	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm										
NAME: ASCONA-830-110°					TYPE: Recessed Ground Light			WEIGHT:		
SPEC.: 3000K					DIM.: L207mm*H60mm			SERIAL No.:		
MFR.: NEKO LIGHTING AG					SUR.: L207mm*H60mm			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	18.2	19.1	19.0	20.0	21.1	18.1	19.1	19.0	19.9	21.0
3H	19.5	20.4	20.4	21.3	22.4	19.5	20.3	20.3	21.2	22.3
4H	20.0	20.8	20.9	21.7	22.9	20.0	20.8	20.9	21.7	22.8
6H	20.3	21.1	21.2	22.0	23.2	20.2	21.0	21.2	21.9	23.1
8H	20.4	21.1	21.3	22.0	23.2	20.3	21.0	21.2	21.9	23.1
12H	20.4	21.1	21.3	22.0	23.2	20.3	21.0	21.2	21.9	23.1
4H 2H	18.6	19.4	19.5	20.3	21.4	18.5	19.3	19.4	20.2	21.4
3H	20.1	20.7	21.0	21.7	22.9	20.0	20.7	21.0	21.6	22.8
4H	20.7	21.3	21.6	22.2	23.5	20.6	21.2	21.6	22.2	23.4
6H	21.1	21.6	22.0	22.6	23.8	21.0	21.5	22.0	22.5	23.7
8H	21.2	21.6	22.1	22.6	23.9	21.1	21.6	22.1	22.5	23.8
12H	21.2	21.6	22.2	22.6	23.9	21.1	21.5	22.1	22.5	23.8
8H 4H	20.8	21.3	21.8	22.2	23.5	20.7	21.2	21.7	22.2	23.4
6H	21.3	21.7	22.3	22.7	24.0	21.2	21.6	22.2	22.6	23.9
8H	21.4	21.8	22.4	22.8	24.1	21.4	21.7	22.4	22.7	24.0
12H	21.5	21.8	22.5	22.8	24.1	21.4	21.7	22.4	22.7	24.1
12H 4H	20.7	21.2	21.7	22.1	23.4	20.7	21.1	21.7	22.1	23.4
6H	21.3	21.6	22.3	22.6	23.9	21.2	21.5	22.2	22.6	23.9
8H	21.4	21.7	22.5	22.7	24.1	21.4	21.7	22.4	22.7	24.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 628.4 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -1.6$)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE: Recessed Ground Light	WEIGHT:
SPEC.: 3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: L207mm*H60mm	Shielding Angle:

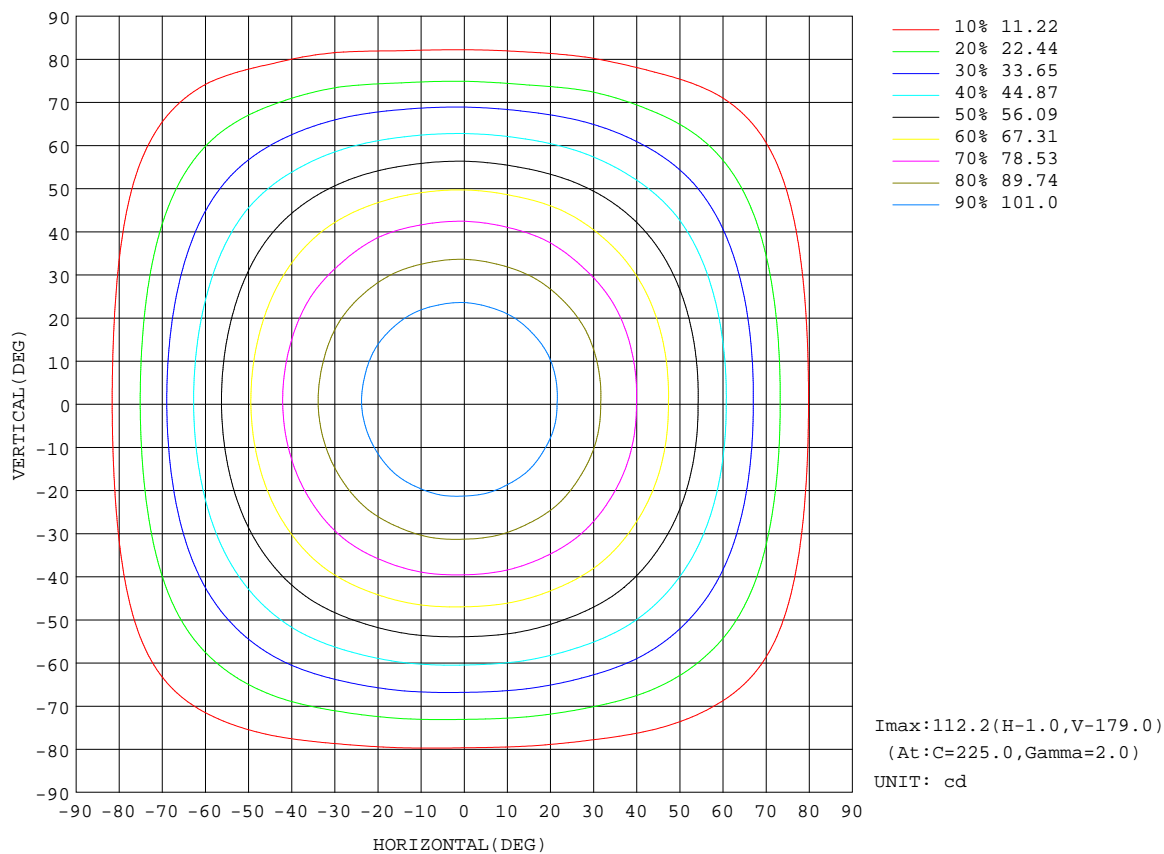
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	33	27	41	31	26	37	29	24	16
0.80	53	42	35	50	40	33	44	36	31	21
1.00	61	50	42	57	47	40	50	43	37	25
1.25	68	57	50	63	54	47	55	48	42	28
1.50	73	63	55	68	59	52	59	52	47	31
2.00	80	71	64	75	66	60	64	58	53	35
2.50	85	76	70	79	71	65	67	62	57	37
3.00	88	81	75	82	75	70	70	65	61	39
4.00	93	86	81	86	80	76	73	69	66	41
5.00	95	90	85	88	84	80	75	72	69	43
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
 Test Date: 2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE:Recessed Ground Light	WEIGHT:
SPEC.:3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.:L207mm*H60mm	Shielding Angle:

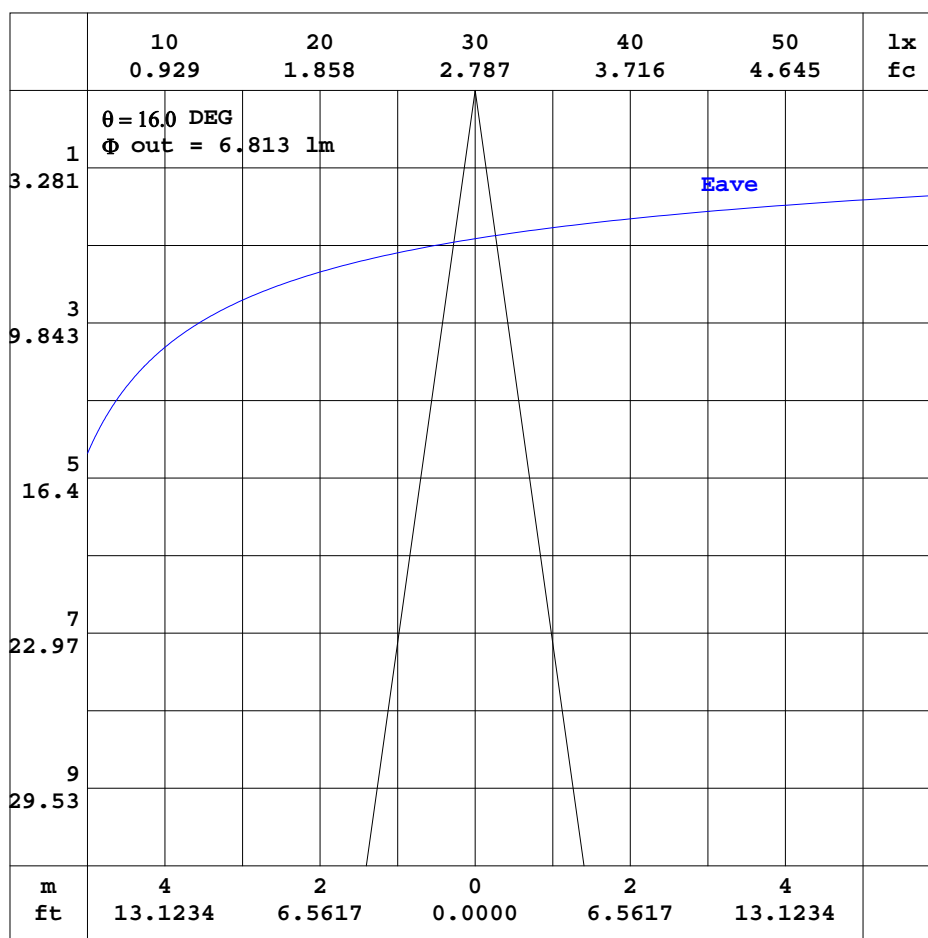


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason
Test Date:2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE: Recessed Ground Light	WEIGHT:
SPEC.: 3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: L207mm*H60mm	Shielding Angle:



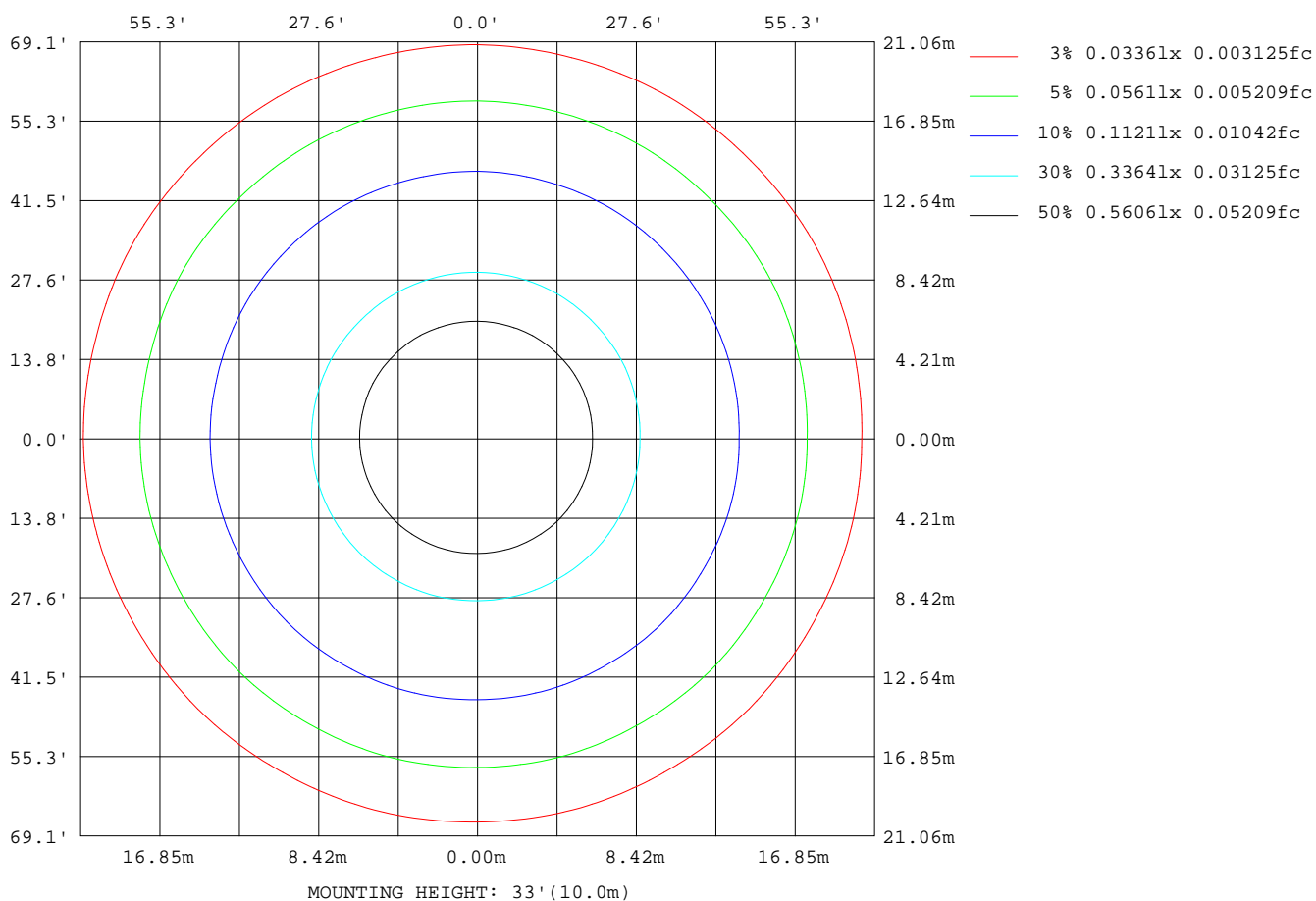
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE: Recessed Ground Light	WEIGHT:
SPEC.: 3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: L207mm*H60mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE:Recessed Ground Light	WEIGHT:
SPEC.:3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.:L207mm*H60mm	Shielding Angle:

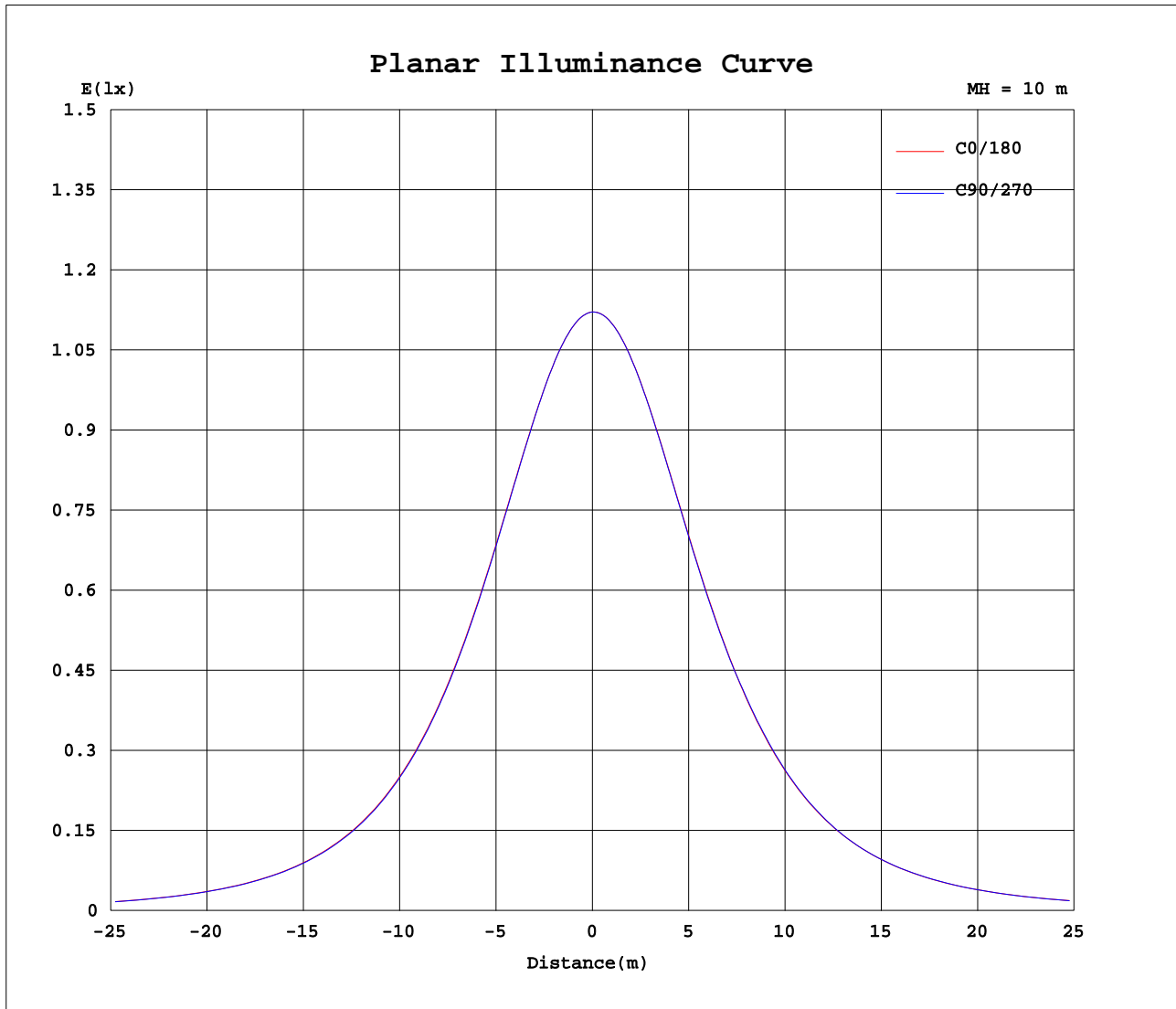
AvgL	cd/m2
L_0~180(65)av	7447
L_0~180(75)av	6533
L_0~180(85)av	4663
L_90~270(65)av	7401
L_90~270(75)av	6425
L_90~270(85)av	4747
L_45(65)av	7450
L_45(75)av	6542
L_45(85)av	4732

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Jason
Test Date:2020-06-24

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
Test Date: 2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE: Recessed Ground Light	WEIGHT:
SPEC.: 3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: L207mm*H60mm	Shielding Angle:

Table--1

UNIT: cd

C(°) \ γ (°)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
5	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
10	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
15	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106
20	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
25	97.5	97.5	97.5	97.4	97.3	97.2	97.1	97.1	97.1	97.2	97.1	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.2
30	91.8	91.8	91.8	91.8	91.6	91.5	91.4	91.4	91.4	91.4	91.3	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.4
35	85.4	85.4	85.4	85.4	85.2	85.1	85.0	85.0	85.0	85.0	84.9	84.8	84.7	84.7	84.8	84.9	84.9	84.9	84.9
40	78.4	78.4	78.4	78.4	78.2	78.1	78.0	77.9	77.9	77.9	77.8	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.9
45	70.9	71.0	71.0	70.9	70.8	70.6	70.5	70.4	70.5	70.5	70.4	70.2	70.1	70.2	70.3	70.4	70.4	70.3	70.4
50	63.0	63.1	63.1	63.0	62.9	62.7	62.5	62.5	62.5	62.6	62.4	62.3	62.2	62.3	62.4	62.5	62.5	62.5	62.5
55	54.8	54.8	54.8	54.7	54.6	54.4	54.2	54.2	54.3	54.3	54.2	54.0	54.0	54.0	54.1	54.2	54.2	54.2	54.2
60	46.2	46.2	46.2	46.1	46.0	45.8	45.6	45.6	45.7	45.7	45.6	45.5	45.4	45.5	45.6	45.7	45.7	45.7	45.7
65	37.3	37.3	37.3	37.2	37.1	36.9	36.8	36.8	36.8	36.8	36.7	36.6	36.6	36.6	36.8	36.9	36.9	36.9	36.9
70	28.3	28.3	28.3	28.2	28.1	27.9	27.7	27.8	27.8	27.8	27.7	27.6	27.6	27.7	27.8	27.9	27.9	27.9	27.9
75	19.3	19.4	19.3	19.3	19.1	19.0	18.8	18.8	18.9	18.9	18.8	18.8	18.7	18.8	18.9	19.0	19.0	19.0	19.1
80	10.9	10.9	10.9	10.8	10.7	10.6	10.5	10.5	10.5	10.5	10.5	10.4	10.4	10.4	10.5	10.6	10.6	10.7	10.7
85	3.95	3.92	3.88	3.83	3.75	3.66	3.60	3.59	3.59	3.59	3.55	3.50	3.47	3.51	3.57	3.63	3.64	3.66	3.70
90	0.19	0.29	0.44	0.62	0.86	1.13	1.40	1.61	1.84	2.15	2.70	3.29	3.85	4.24	0.00	0.00	4.78	4.77	4.72
95	3.95	4.16	4.37	4.57	4.78	4.97	5.12	5.15	5.17	5.19	5.29	5.42	5.58	5.76	5.95	6.14	6.31	6.46	6.58
100	10.9	11.2	11.4	11.6	11.9	12.1	12.2	12.3	12.3	12.3	12.6	13.0	13.3	13.6	13.8	14.0	14.4	14.9	15.2
105	19.3	19.6	19.9	20.1	20.4	20.6	20.8	20.9	21.0	21.1	21.5	21.9	22.2	22.0	21.8	21.6	21.8	22.0	22.2
110	28.3	28.6	28.9	29.1	29.4	29.6	29.9	30.0	30.1	30.2	30.4	30.6	30.9	30.9	31.0	31.0	31.2	31.4	31.6
115	37.3	37.6	37.9	38.2	38.5	38.8	39.0	39.1	39.2	39.2	39.5	39.7	39.9	40.1	40.1	40.2	40.4	40.6	40.8
120	46.2	46.4	46.7	47.0	47.4	47.7	48.0	48.1	48.1	48.1	48.4	48.6	48.8	49.0	49.1	49.2	49.5	49.7	49.9
125	54.8	55.1	55.3	55.6	55.9	56.1	56.4	56.6	56.8	57.0	57.2	57.3	57.5	57.5	57.6	57.6	57.8	58.1	58.3
130	63.0	63.3	63.6	63.9	64.1	64.3	64.6	64.7	64.9	65.1	65.4	65.7	66.0	66.1	66.1	66.2	66.4	66.6	66.8
135	70.9	71.2	71.5	71.7	72.0	72.2	72.4	72.5	72.5	72.6	73.0	73.4	73.8	73.9	74.0	74.1	74.3	74.4	74.6
140	78.4	78.7	78.9	79.2	79.4	79.6	79.8	79.8	79.9	80.0	80.2	80.4	80.6	80.9	81.2	81.4	81.6	81.8	81.9
145	85.4	85.6	85.8	86.1	86.3	86.5	86.7	86.7	86.8	86.8	87.0	87.2	87.3	87.4	87.4	87.5	87.6	87.8	88.0
150	91.8	92.0	92.2	92.4	92.6	92.8	92.9	93.0	93.0	93.1	93.2	93.4	93.5	93.6	93.6	93.7	93.8	94.0	94.1
155	97.5	97.6	97.8	98.0	98.1	98.3	98.5	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.1	99.2	99.3	99.4	99.5
160	102	103	103	103	103	103	103	103	103	103	103	104	104	104	104	104	104	104	104
165	106	106	107	107	107	107	107	107	107	107	107	107	107	107	108	108	108	108	108
170	109	109	109	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
175	111	111	111	111	111	111	112	112	112	112	112	112	112	112	112	112	112	112	112
180	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE: Recessed Ground Light	WEIGHT:
SPEC.: 3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: L207mm*H60mm	Shielding Angle:

Table--2

UNIT: cd

C(°) \ γ (°)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
5	111	111	111	111	111	111	112	112	112	112	112	112	112	112	112	112	112	112	112
10	109	109	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
15	106	106	107	107	107	107	107	107	107	107	107	107	107	108	108	108	108	108	108
20	102	102	103	103	103	103	103	103	103	103	103	104	104	104	104	104	104	104	104
25	97.3	97.5	97.6	97.7	97.8	98.0	98.1	98.4	98.5	98.7	98.8	98.9	99.0	99.2	99.4	99.5	99.7	99.8	99.8
30	91.5	91.7	91.9	92.0	92.1	92.3	92.5	92.7	93.0	93.1	93.2	93.4	93.5	93.7	93.9	94.1	94.3	94.4	94.5
35	85.1	85.3	85.5	85.6	85.8	85.9	86.2	86.4	86.7	86.8	87.0	87.1	87.3	87.5	87.8	88.0	88.1	88.3	88.4
40	78.1	78.3	78.5	78.7	78.8	78.9	79.2	79.5	79.8	79.9	80.1	80.3	80.5	80.7	80.9	81.2	81.4	81.5	81.6
45	70.6	70.8	71.1	71.2	71.3	71.5	71.8	72.1	72.4	72.6	72.7	72.9	73.1	73.4	73.6	73.8	74.1	74.2	74.3
50	62.7	62.9	63.2	63.3	63.5	63.6	63.9	64.2	64.5	64.7	64.9	65.0	65.3	65.5	65.8	66.1	66.3	66.5	66.5
55	54.5	54.7	55.0	55.1	55.2	55.4	55.7	56.0	56.3	56.5	56.6	56.8	57.0	57.3	57.6	57.8	58.1	58.3	58.4
60	45.9	46.2	46.4	46.5	46.7	46.8	47.1	47.4	47.7	47.9	48.1	48.2	48.5	48.7	49.0	49.3	49.5	49.7	49.8
65	37.1	37.4	37.6	37.7	37.9	38.0	38.3	38.6	38.9	39.1	39.2	39.4	39.6	39.9	40.1	40.4	40.7	40.9	41.0
70	28.1	28.4	28.6	28.8	28.9	29.0	29.3	29.6	29.9	30.0	30.2	30.3	30.5	30.8	31.1	31.3	31.6	31.8	31.9
75	19.3	19.5	19.7	19.8	19.9	20.1	20.3	20.6	20.9	21.0	21.1	21.3	21.5	21.7	22.0	22.2	22.5	22.7	22.8
80	10.9	11.0	11.2	11.3	11.4	11.6	11.8	12.0	12.3	12.4	12.5	12.6	12.8	13.0	13.3	13.5	13.7	13.9	14.0
85	3.81	3.93	4.06	4.14	4.22	4.32	4.48	4.66	4.83	4.94	5.04	5.14	5.29	5.44	5.61	5.80	5.99	6.15	6.22
90	4.75	4.72	0.00	0.00	3.56	3.03	2.73	2.50	2.33	2.23	2.14	2.02	1.72	1.40	1.09	0.91	0.76	0.65	0.55
95	6.62	6.64	6.64	6.65	6.67	6.69	6.75	6.81	6.88	6.96	7.01	7.00	6.81	6.58	6.36	6.28	6.22	6.15	5.99
100	15.5	15.6	15.7	15.7	15.6	15.5	15.5	15.5	15.4	15.2	14.9	14.6	14.4	14.2	14.1	14.0	14.0	13.9	13.7
105	22.3	22.3	22.4	22.8	23.1	23.4	23.4	23.4	23.3	23.3	23.3	23.3	23.2	23.0	22.9	22.8	22.8	22.7	22.5
110	31.7	31.8	31.9	32.1	32.3	32.4	32.4	32.4	32.3	32.4	32.4	32.5	32.3	32.2	32.0	31.9	31.9	31.8	31.6
115	40.9	40.9	41.0	41.2	41.3	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.4	41.3	41.1	41.0	41.0	40.9	40.7
120	50.0	50.0	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.4	50.6	50.6	50.4	50.2	49.9	49.8	49.8	49.7	49.5
125	58.4	58.4	58.5	58.6	58.8	59.0	59.0	59.0	58.9	58.9	58.9	58.9	58.8	58.6	58.4	58.4	58.4	58.3	58.1
130	66.9	66.9	67.0	67.1	67.1	67.2	67.3	67.4	67.4	67.3	67.2	67.0	66.9	66.8	66.7	66.6	66.5	66.5	66.3
135	74.6	74.6	74.7	74.9	75.2	75.3	75.1	74.8	74.6	74.6	74.7	74.8	74.7	74.6	74.4	74.4	74.3	74.2	74.1
140	82.0	82.1	82.1	82.1	82.0	81.9	81.8	81.8	81.9	81.9	82.0	82.1	82.0	81.8	81.7	81.7	81.6	81.5	81.4
145	88.0	88.1	88.1	88.3	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.8	88.7	88.6	88.4	88.4	88.4	88.3	88.1
150	94.2	94.2	94.3	94.4	94.5	94.7	94.7	94.7	94.7	94.8	94.8	94.9	94.8	94.7	94.5	94.5	94.5	94.4	94.3
155	99.6	99.6	99.7	99.8	99.9	100	100	100	100	100	100	100	100	100	99.9	99.9	99.8	99.8	99.7
160	104	104	104	104	104	105	105	105	105	105	105	105	105	105	104	104	104	104	104
165	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108
170	110	110	110	110	111	111	111	111	111	111	111	111	111	111	110	110	110	110	110
175	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
180	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE: Recessed Ground Light	WEIGHT:
SPEC.: 3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: L207mm*H60mm	Shielding Angle:

Table--3

UNIT: cd

C(°) \ γ (°)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
5	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
10	110	110	111	111	111	111	111	111	111	111	111	111	110	110	110	110	110	110	110
15	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108
20	104	104	104	105	105	105	105	105	105	105	105	104	104	104	104	104	104	104	104
25	99.9	99.9	100	100	100	100	100	100	100	100	100	99.9	99.8	99.7	99.6	99.6	99.5	99.4	99.3
30	94.5	94.5	94.7	94.8	94.9	94.8	94.8	94.7	94.7	94.7	94.7	94.5	94.4	94.3	94.2	94.2	94.1	94.0	93.8
35	88.4	88.4	88.6	88.7	88.8	88.7	88.7	88.6	88.6	88.6	88.6	88.4	88.3	88.1	88.1	88.0	88.0	87.8	87.6
40	81.7	81.7	81.8	82.0	82.1	82.0	81.9	81.9	81.8	81.8	81.9	82.0	82.1	82.1	82.1	82.0	81.9	81.8	81.6
45	74.4	74.4	74.6	74.7	74.8	74.7	74.6	74.6	74.8	75.1	75.3	75.2	74.9	74.7	74.6	74.6	74.6	74.4	74.3
50	66.6	66.7	66.8	66.9	67.0	67.2	67.3	67.4	67.4	67.3	67.2	67.1	67.1	67.0	66.9	66.9	66.8	66.6	66.4
55	58.4	58.4	58.6	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.0	58.8	58.6	58.5	58.4	58.4	58.3	58.1	57.8
60	49.8	49.9	50.2	50.4	50.6	50.6	50.4	50.3	50.3	50.3	50.3	50.3	50.2	50.1	50.0	50.0	49.9	49.7	49.5
65	41.0	41.1	41.3	41.4	41.6	41.6	41.5	41.5	41.5	41.5	41.5	41.3	41.2	41.0	40.9	40.9	40.8	40.6	40.4
70	31.9	32.0	32.2	32.3	32.5	32.4	32.4	32.3	32.4	32.4	32.4	32.3	32.1	31.9	31.8	31.7	31.6	31.4	31.2
75	22.8	22.9	23.0	23.2	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.1	22.8	22.4	22.3	22.3	22.2	22.0	21.8
80	14.0	14.1	14.2	14.4	14.6	14.9	15.2	15.4	15.5	15.5	15.5	15.6	15.7	15.7	15.6	15.5	15.2	14.9	14.4
85	6.28	6.36	6.58	6.81	7.00	7.01	6.96	6.88	6.81	6.75	6.69	6.67	6.65	6.64	6.64	6.62	6.58	6.46	6.31
90	0.46	0.40	0.34	0.30	0.26	0.23	0.20	0.17	0.16	0.14	0.13	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11
95	5.80	5.61	5.44	5.29	5.14	5.04	4.94	4.83	4.66	4.48	4.32	4.22	4.14	4.06	3.93	3.81	3.70	3.66	3.64
100	13.5	13.3	13.0	12.8	12.6	12.5	12.4	12.3	12.0	11.8	11.6	11.4	11.3	11.2	11.0	10.9	10.7	10.7	10.6
105	22.2	22.0	21.7	21.5	21.3	21.1	21.0	20.9	20.6	20.3	20.1	19.9	19.8	19.7	19.5	19.3	19.1	19.0	19.0
110	31.3	31.1	30.8	30.5	30.3	30.2	30.0	29.9	29.6	29.3	29.0	28.9	28.8	28.6	28.4	28.1	27.9	27.9	27.9
115	40.4	40.1	39.9	39.6	39.4	39.2	39.1	38.9	38.6	38.3	38.0	37.9	37.7	37.6	37.4	37.1	36.9	36.9	36.9
120	49.3	49.0	48.7	48.5	48.2	48.1	47.9	47.7	47.4	47.1	46.8	46.7	46.5	46.4	46.2	45.9	45.7	45.7	45.7
125	57.8	57.6	57.3	57.0	56.8	56.6	56.5	56.3	56.0	55.7	55.4	55.2	55.1	55.0	54.7	54.5	54.2	54.2	54.2
130	66.1	65.8	65.5	65.3	65.0	64.9	64.7	64.5	64.2	63.9	63.6	63.5	63.3	63.2	62.9	62.7	62.5	62.5	62.5
135	73.8	73.6	73.4	73.1	72.9	72.7	72.6	72.4	72.1	71.8	71.5	71.3	71.2	71.1	70.8	70.6	70.4	70.3	70.4
140	81.2	80.9	80.7	80.5	80.3	80.1	79.9	79.8	79.5	79.2	78.9	78.8	78.7	78.5	78.3	78.1	77.9	77.8	77.8
145	88.0	87.8	87.5	87.3	87.1	87.0	86.8	86.7	86.4	86.2	85.9	85.8	85.6	85.5	85.3	85.1	84.9	84.9	84.9
150	94.1	93.9	93.7	93.5	93.4	93.2	93.1	93.0	92.7	92.5	92.3	92.1	92.0	91.9	91.7	91.5	91.4	91.3	91.3
155	99.5	99.4	99.2	99.0	98.9	98.8	98.7	98.5	98.4	98.1	98.0	97.8	97.7	97.6	97.5	97.3	97.2	97.1	97.1
160	104	104	104	104	104	103	103	103	103	103	103	103	103	103	102	102	102	102	102
165	108	108	108	107	107	107	107	107	107	107	107	107	107	107	106	106	106	106	106
170	110	110	110	110	110	110	110	110	110	110	110	110	110	110	109	109	109	109	109
175	112	112	112	112	112	112	112	112	112	112	111	111	111	111	111	111	111	111	111
180	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-06-24

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:221.0V I:0.0827A P:9.654W PF:0.5282 Freq:50.00Hz Lamp Flux:628.35x1 lm		
NAME: ASCONA-830-110°	TYPE: Recessed Ground Light	WEIGHT:
SPEC.: 3000K	DIM.: L207mm*H60mm	SERIAL No.:
MFR.: NEKO LIGHTING AG	SUR.: L207mm*H60mm	Shielding Angle:

Table--4

UNIT: cd

C(°) \ γ (°)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112				
5	112	112	112	112	112	112	112	112	112	112	111	111	111	111	111				
10	110	110	110	110	110	110	110	110	110	110	110	110	110	109	109				
15	108	108	107	107	107	107	107	107	107	107	107	107	107	107	106				
20	104	104	104	104	104	103	103	103	103	103	103	103	103	103	103				
25	99.2	99.1	99.1	99.0	98.9	98.8	98.7	98.6	98.5	98.5	98.3	98.1	98.0	97.8	97.6				
30	93.7	93.6	93.6	93.5	93.4	93.2	93.1	93.0	93.0	92.9	92.8	92.6	92.4	92.2	92.0				
35	87.5	87.4	87.4	87.3	87.2	87.0	86.8	86.8	86.7	86.7	86.5	86.3	86.1	85.8	85.6				
40	81.4	81.2	80.9	80.6	80.4	80.2	80.0	79.9	79.8	79.8	79.6	79.4	79.2	78.9	78.7				
45	74.1	74.0	73.9	73.8	73.4	73.0	72.6	72.5	72.5	72.4	72.2	72.0	71.7	71.5	71.2				
50	66.2	66.1	66.1	66.0	65.7	65.4	65.1	64.9	64.7	64.6	64.3	64.1	63.9	63.6	63.3				
55	57.6	57.6	57.5	57.5	57.3	57.2	57.0	56.8	56.6	56.4	56.1	55.9	55.6	55.3	55.1				
60	49.2	49.1	49.0	48.8	48.6	48.4	48.1	48.1	48.1	48.0	47.7	47.4	47.0	46.7	46.4				
65	40.2	40.1	40.1	39.9	39.7	39.5	39.2	39.2	39.1	39.0	38.8	38.5	38.2	37.9	37.6				
70	31.0	31.0	30.9	30.9	30.6	30.4	30.2	30.1	30.0	29.9	29.6	29.4	29.1	28.9	28.6				
75	21.6	21.8	22.0	22.2	21.9	21.5	21.1	21.0	20.9	20.8	20.6	20.4	20.1	19.9	19.6				
80	14.0	13.8	13.6	13.3	13.0	12.6	12.3	12.3	12.3	12.2	12.1	11.9	11.6	11.4	11.2				
85	6.14	5.95	5.76	5.58	5.42	5.29	5.19	5.17	5.15	5.12	4.97	4.78	4.57	4.37	4.16				
90	0.12	0.12	0.12	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.16	0.17	0.18	0.18				
95	3.63	3.57	3.51	3.47	3.50	3.55	3.59	3.59	3.59	3.60	3.66	3.75	3.83	3.88	3.92				
100	10.6	10.5	10.4	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.6	10.7	10.8	10.9	10.9				
105	19.0	18.9	18.8	18.7	18.8	18.8	18.9	18.9	18.8	18.8	19.0	19.1	19.3	19.3	19.4				
110	27.9	27.8	27.7	27.6	27.6	27.7	27.8	27.8	27.8	27.7	27.9	28.1	28.2	28.3	28.3				
115	36.9	36.8	36.6	36.6	36.6	36.7	36.8	36.8	36.8	36.8	36.9	37.1	37.2	37.3	37.3				
120	45.7	45.6	45.5	45.4	45.5	45.6	45.7	45.7	45.6	45.6	45.8	46.0	46.1	46.2	46.2				
125	54.2	54.1	54.0	54.0	54.0	54.2	54.3	54.3	54.2	54.2	54.4	54.6	54.7	54.8	54.8				
130	62.5	62.4	62.3	62.2	62.3	62.4	62.6	62.5	62.5	62.5	62.7	62.9	63.0	63.1	63.1				
135	70.4	70.3	70.2	70.1	70.2	70.4	70.5	70.5	70.4	70.5	70.6	70.8	70.9	71.0	71.0				
140	77.8	77.8	77.7	77.7	77.7	77.8	77.9	77.9	77.9	78.0	78.1	78.2	78.4	78.4	78.4				
145	84.9	84.8	84.7	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.2	85.4	85.4	85.4				
150	91.3	91.3	91.2	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.5	91.6	91.8	91.8	91.8				
155	97.1	97.0	97.0	97.0	97.0	97.1	97.2	97.1	97.1	97.1	97.2	97.3	97.4	97.5	97.5				
160	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102				
165	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106				
170	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109				
175	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111				
180	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-06-24

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: