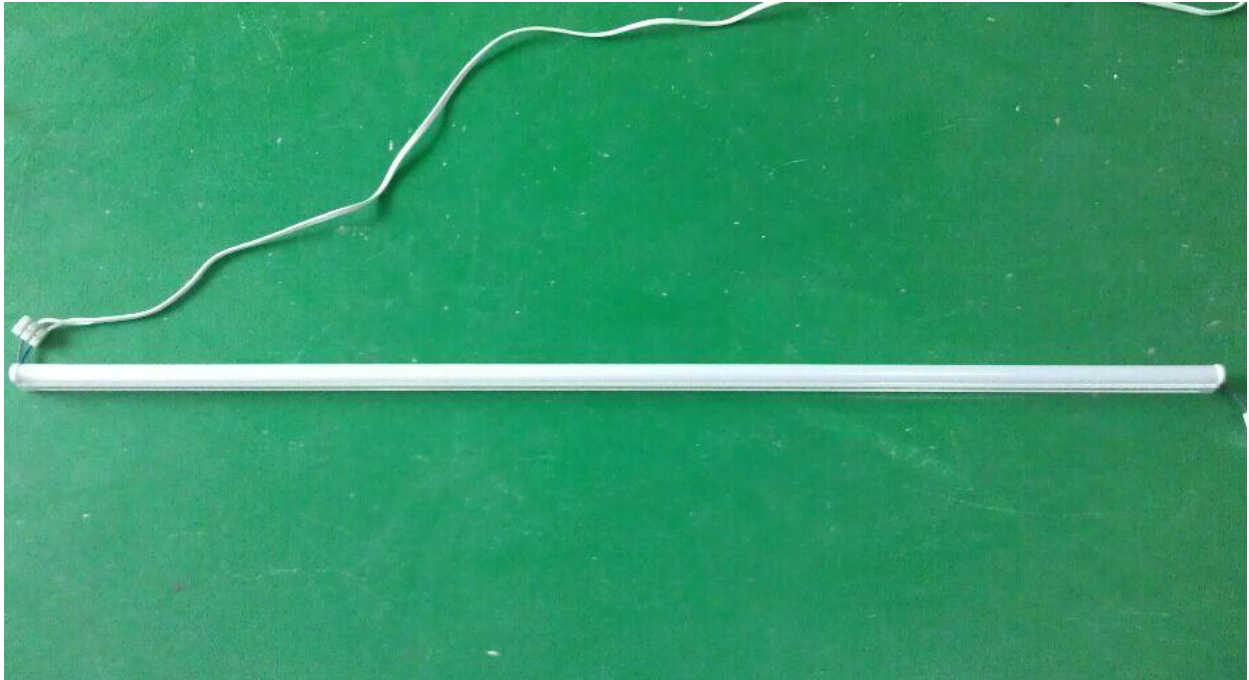


Luminaire Photograph

202 026 104 02 DOWN LIGHT 3000K 14W
Hera GmbH & Co. KG



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Killua
Test Date: 2015-03-09

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
Humidity: 65.0%
Test Distance: 2.500m [K=1.3016]
Remarks: LAMP: SMD 3014 3000K 1138mm 14W ww
LANS: WHITE PC
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

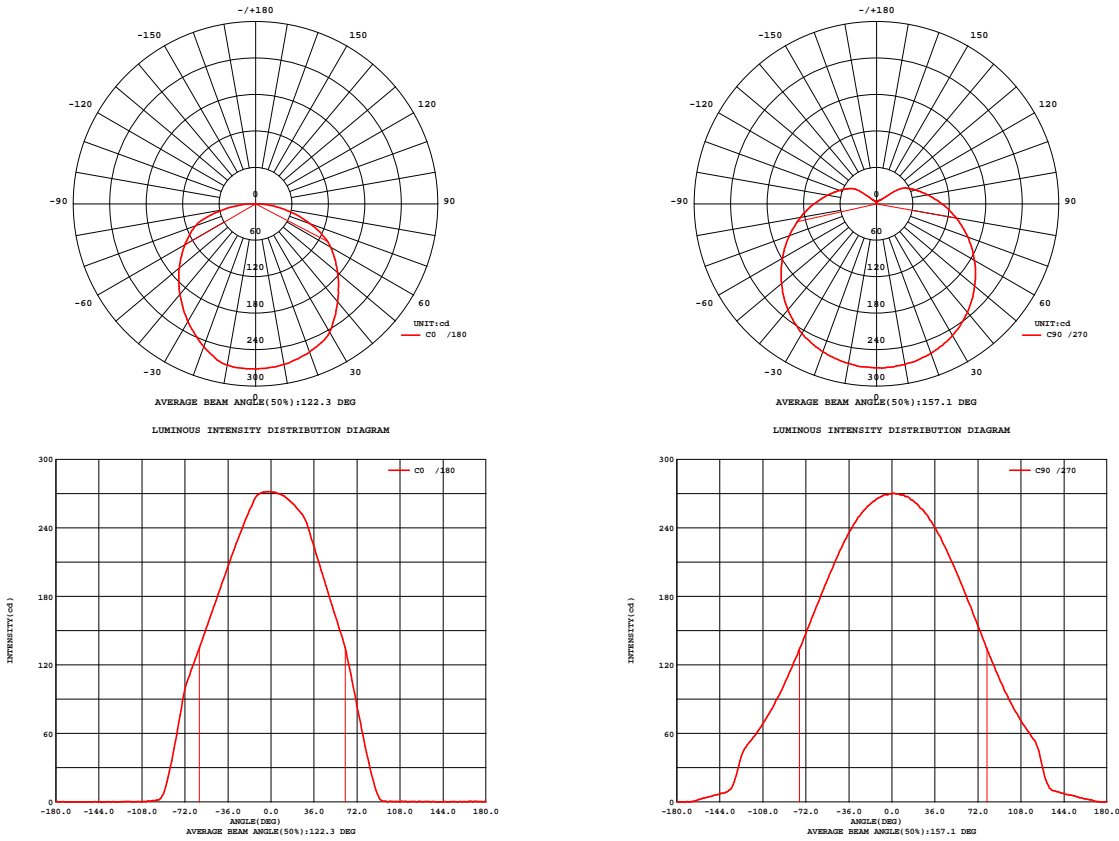


Fig. C0/C180

Fig. C90/C270

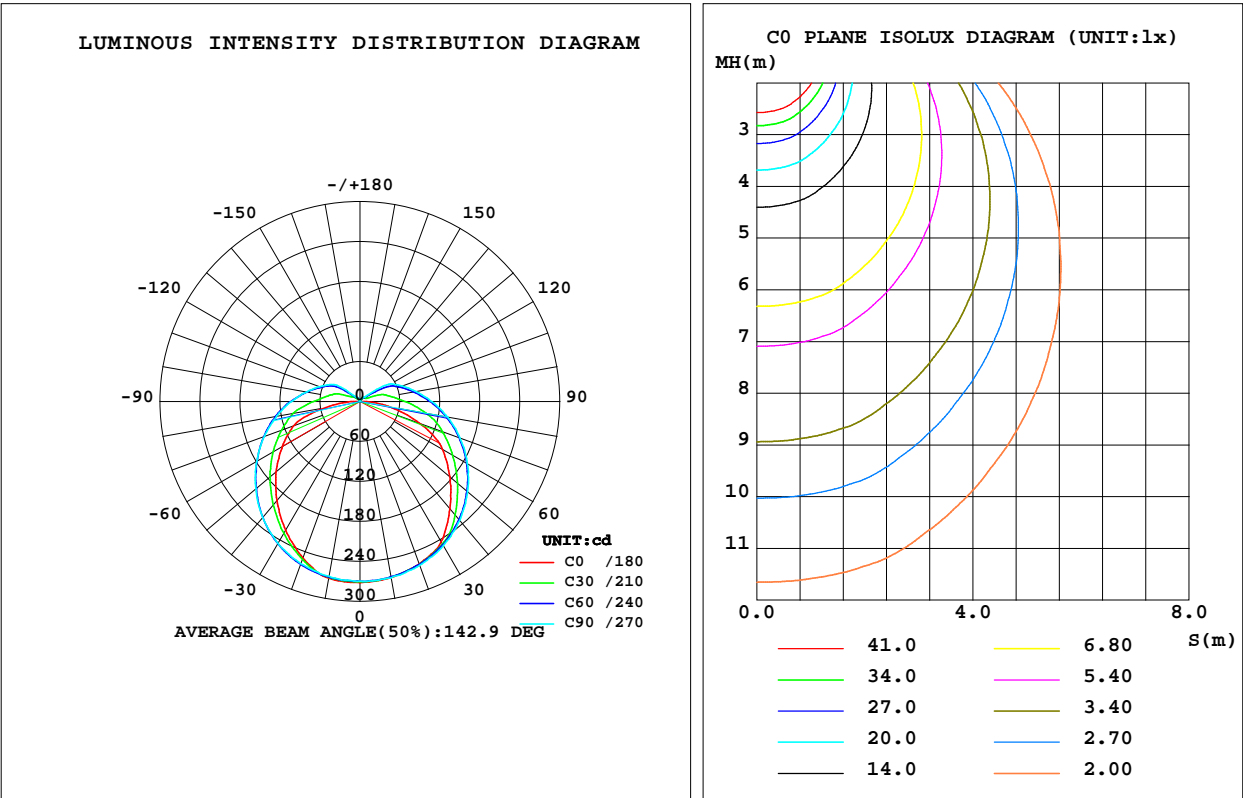
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-03-09

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
Humidity:65.0%
Test Distance:2.500m [K=1.3016]
Remarks: LAMP:SMD 3014 3000K 1138mm 14W ww
LANS:WHITE PC
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.9V I:0.0648A P:13.88W PF:0.9285 Lamp Flux:1375x1 lm		
NAME: 202 026 104 02	TYPE:DOWN LIGHT	WEIGHT:
DIMENSION:	SPECIFICATION:3000K 14W SERIAL No.:1503096708	
MANUFACTURER: Hera GmbH & Co. KG	SURFACE:0.02276m2	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 90.45 lm/W			
MODEL	SMD 3014	Imax(cd)	271.7	S/MH(C0/180)	1.23
NOMINAL POWER(W)	14	EFFICIENCY(%)	91.3	S/MH(C90/270)	1.36
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1255.3	h UP(C0-180)	7.0
NOMINAL FLUX(lm)	1375.3	CIE CLASS	SEMI-D.	h DN(C0-180)	38.3
LAMPS INSIDE	1	h up(%)	14.1	h UP(C180-360)	7.1
TEST VOLTAGE(V)	230.9	h down(%)	77.2	h DN(C180-360)	38.8

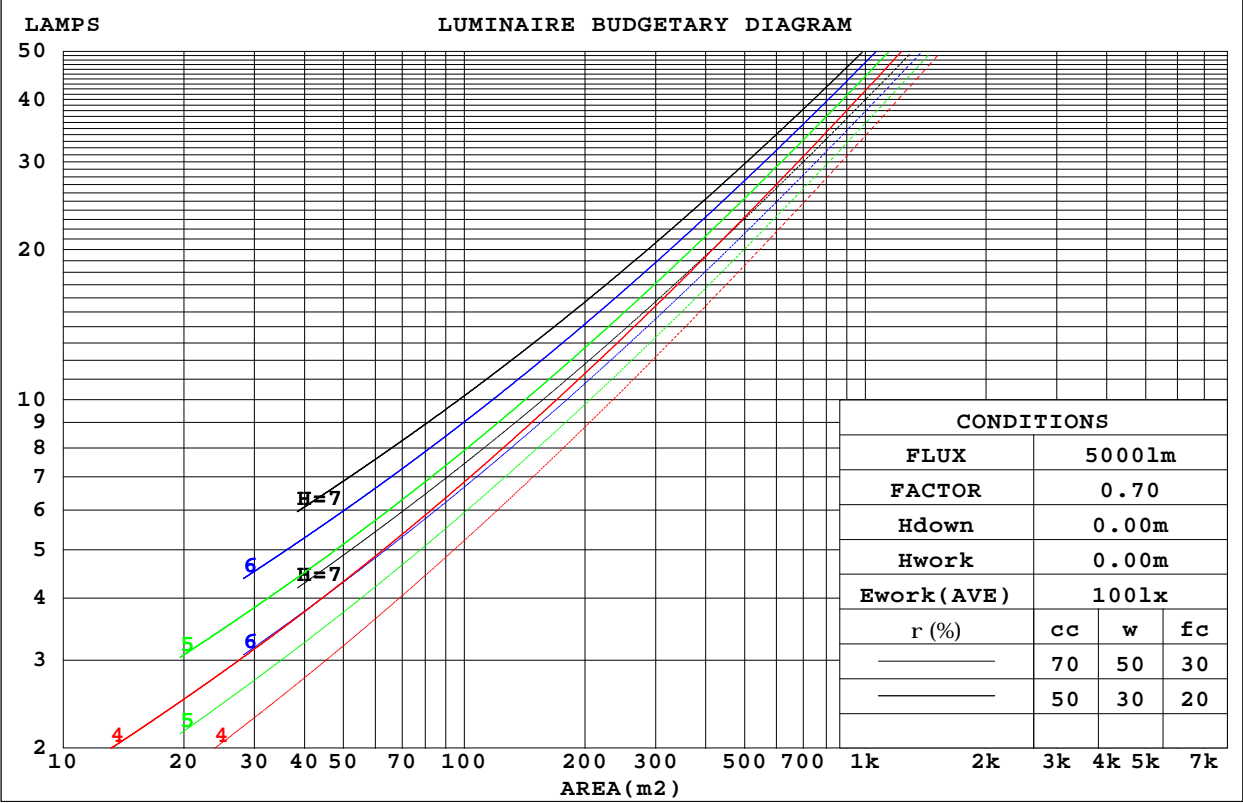


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-03-09

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
Humidity:65.0%
Test Distance:2.500m [K=1.3016]
Remarks: LAMP:SMD 3014 3000K 1138mm 14W ww
LANS:WHITE PC
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.05	1.05	1.05	1.01	1.01	1.01	.94	.94	.94	.87	.87	.87	.80	.80	.80	.77
1.0	.87	.82	.78	.84	.79	.75	.77	.74	.70	.71	.68	.66	.66	.63	.61	.58
2.0	.74	.67	.61	.71	.65	.59	.66	.60	.56	.61	.56	.52	.56	.52	.49	.46
3.0	.64	.56	.49	.62	.54	.48	.57	.51	.45	.53	.47	.43	.48	.44	.40	.37
4.0	.57	.48	.41	.54	.46	.40	.50	.43	.38	.46	.41	.36	.43	.38	.34	.31
5.0	.50	.41	.35	.48	.40	.34	.45	.38	.32	.41	.35	.31	.38	.33	.29	.27
6.0	.45	.36	.30	.43	.35	.29	.40	.33	.28	.37	.31	.27	.34	.29	.25	.23
7.0	.40	.32	.26	.39	.31	.26	.36	.29	.24	.34	.28	.23	.31	.26	.22	.20
8.0	.37	.29	.23	.35	.28	.23	.33	.26	.22	.31	.25	.21	.29	.24	.20	.18
9.0	.34	.26	.21	.32	.25	.20	.30	.24	.19	.28	.23	.18	.26	.21	.18	.16
10.0	.31	.23	.19	.30	.23	.18	.28	.22	.17	.26	.21	.17	.25	.20	.16	.14



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-03-09

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
Humidity:65.0%
Test Distance:2.500m [K=1.3016]
Remarks: LAMP:SMD 3014 3000K 1138mm 14W ww
 LANS:WHITE PC
 30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	269.2	268.0	266.5	265.7	268.1	267.3	268.7	267.6	0- 10	25.66	25.66	2.04,1.87
20	249.9	256.4	259.3	257.6	259.5	260.0	261.6	257.6	10- 20	74.50	100.2	7.98,7.28
30	223.4	237.5	245.8	244.7	243.7	248.0	250.4	238.6	20- 30	115.6	215.7	17.2,15.7
40	194.1	214.7	227.2	225.5	210.0	226.7	233.0	215.9	30- 40	144.8	360.5	28.7,26.2
50	164.2	189.5	203.8	199.4	176.1	200.4	210.8	190.7	40- 50	159.4	519.9	41.4,37.8
60	134.3	164.3	178.8	172.3	142.8	172.7	185.8	165.6	50- 60	160.8	680.7	54.2,49.5
70	105.1	139.2	152.6	145.4	95.46	145.1	159.9	140.1	60- 70	150.7	831.4	66.2,60.5
80	52.54	115.3	126.7	116.5	43.59	116.0	133.2	116.1	70- 80	129.6	961.0	76.6,69.9
90	7.273	87.07	103.2	89.16	4.895	86.67	107.7	93.95	80- 90	100.2	1061	84.5,77.2
100	1.118	65.35	81.95	67.35	0.5996	64.73	86.14	73.49	90-100	74.20	1135	90.5,82.6
110	0.3329	48.55	65.21	51.22	0.5777	46.16	68.01	54.80	100-110	55.08	1191	94.8,86.6
120	0.2810	31.04	51.42	31.77	0.4617	25.88	52.95	31.62	110-120	35.84	1226	97.7,89.2
130	0.2073	12.28	23.64	13.41	0.5266	10.41	16.27	12.41	120-130	18.00	1244	99.1,90.5
140	0	6.522	8.070	7.412	0	6.927	8.509	7.911	130-140	6.384	1251	99.6,90.9
150	0.1094	3.358	5.556	3.722	0.4229	4.082	5.887	4.145	140-150	3.070	1254	99.9,91.2
160	0.0703	1.148	2.370	1.176	0.1529	1.616	3.280	1.640	150-160	1.175	1255	100,91.3
170	0	0.0428	0.0381	0.3180	0.4670	0.1847	0.8252	0.3776	160-170	0.2409	1255	100,91.3
180	0.4634	0.4813	0.0917	0.1122	0.1975	0.2132	0.0401	0.2208	170-180	0.0177	1255	100,91.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-03-09

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
Humidity:65.0%
Test Distance:2.500m [K=1.3016]
Remarks: LAMP:SMD 3014 3000K 1138mm 14W ww
LANS:WHITE PC
30minutes warm-up

WEC AND CCEC

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.361	.205	.065	.350	.200	.063	.330	.189	.060	.311	.179	.058	.294	.170	.055	
2.0	.311	.171	.052	.301	.166	.051	.283	.157	.049	.266	.149	.047	.250	.141	.045	
3.0	.276	.147	.044	.267	.143	.043	.250	.136	.041	.235	.129	.039	.220	.122	.038	
4.0	.247	.129	.038	.239	.125	.037	.224	.119	.036	.210	.113	.034	.197	.107	.033	
5.0	.225	.114	.033	.217	.112	.032	.204	.106	.031	.191	.101	.030	.179	.096	.029	
6.0	.205	.103	.029	.199	.100	.029	.186	.096	.028	.175	.091	.027	.164	.086	.026	
7.0	.189	.094	.027	.183	.091	.026	.172	.087	.025	.161	.083	.024	.151	.079	.023	
8.0	.175	.086	.024	.170	.084	.024	.159	.080	.023	.150	.076	.022	.140	.072	.021	
9.0	.163	.079	.022	.158	.077	.022	.149	.074	.021	.140	.070	.020	.131	.067	.019	
10.0	.153	.073	.020	.148	.072	.020	.139	.068	.019	.131	.065	.018	.123	.062	.018	

rcc	80%			70%			50%			30%			10%			0	
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
rfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.281	.281	.281	.240	.240	.240	.164	.164	.164	.094	.094	.094	.030	.030	.030		
1.0	.278	.250	.225	.238	.215	.193	.163	.148	.134	.094	.085	.078	.030	.028	.025		
2.0	.272	.229	.193	.233	.197	.167	.160	.137	.116	.092	.079	.068	.030	.026	.022		
3.0	.265	.214	.173	.228	.185	.150	.156	.128	.105	.090	.075	.062	.029	.024	.020		
4.0	.258	.203	.160	.222	.175	.139	.152	.122	.098	.088	.072	.058	.028	.023	.019		
5.0	.251	.194	.151	.216	.168	.132	.149	.117	.093	.086	.069	.055	.028	.022	.018		
6.0	.244	.187	.145	.210	.162	.126	.145	.113	.089	.084	.067	.053	.027	.022	.018		
7.0	.238	.180	.140	.204	.156	.122	.141	.110	.087	.082	.065	.052	.027	.021	.017		
8.0	.231	.175	.137	.199	.152	.119	.138	.107	.085	.080	.063	.050	.026	.021	.017		
9.0	.226	.171	.134	.194	.148	.117	.135	.104	.083	.078	.062	.050	.025	.020	.016		
10.0	.220	.167	.132	.190	.145	.115	.132	.102	.082	.077	.060	.049	.025	.020	.016		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-03-09

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
Humidity:65.0%
Test Distance:2.500m [K=1.3016]
Remarks: LAMP:SMD 3014 3000K 1138mm 14W ww
LANS:WHITE PC
30minutes warm-up

Uncorrected UGR Table

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	20.2	21.6	20.6	22.1	22.6	21.5	22.9	22.0	23.4	23.9
3H	22.3	23.6	22.8	24.1	24.7	24.0	25.3	24.5	25.9	26.4
4H	23.3	24.6	23.9	25.1	25.7	25.4	26.7	25.9	27.2	27.8
6H	24.2	25.3	24.7	25.9	26.5	26.9	28.1	27.5	28.7	29.3
8H	24.4	25.6	25.0	26.1	26.8	27.8	28.9	28.3	29.5	30.1
12H	24.7	25.8	25.2	26.3	27.0	28.7	29.8	29.3	30.4	31.0
4H 2H	21.2	22.5	21.8	23.0	23.6	22.2	23.4	22.7	24.0	24.5
3H	23.6	24.7	24.2	25.3	25.9	25.0	26.1	25.6	26.7	27.3
4H	24.8	25.8	25.4	26.4	27.1	26.6	27.6	27.2	28.2	28.8
6H	25.8	26.8	26.5	27.4	28.1	28.3	29.2	28.9	29.8	30.5
8H	26.3	27.1	26.9	27.7	28.4	29.3	30.1	29.9	30.7	31.5
12H	26.6	27.4	27.2	28.0	28.7	30.3	31.1	31.0	31.8	32.5
8H 4H	25.7	26.5	26.3	27.1	27.9	27.1	27.9	27.7	28.6	29.3
6H	27.1	27.8	27.8	28.5	29.2	29.1	29.9	29.8	30.5	31.3
8H	27.8	28.4	28.4	29.1	29.9	30.3	31.0	31.0	31.6	32.4
12H	28.3	28.9	29.0	29.6	30.4	31.6	32.2	32.3	32.9	33.7
12H 4H	25.9	26.7	26.6	27.3	28.1	27.2	27.9	27.8	28.6	29.3
6H	27.5	28.2	28.2	28.9	29.6	29.3	30.0	30.0	30.7	31.4
8H	28.4	28.9	29.1	29.6	30.4	30.6	31.2	31.3	31.9	32.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 1375 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.1)

C Range: 0 - 360DEG
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 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Killua
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 Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
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 30minutes warm-up

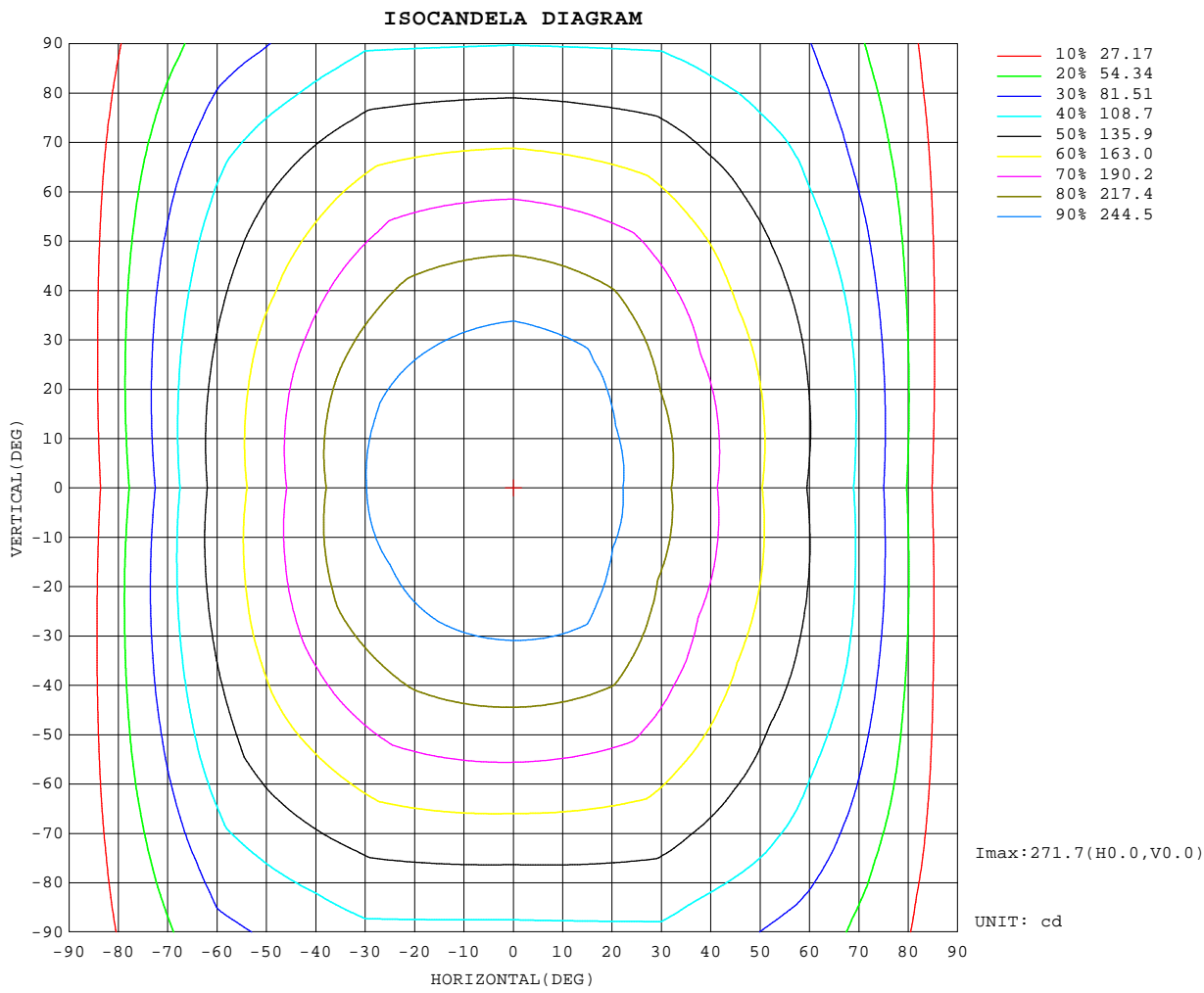
UTILIZATION FACTORS TABLE

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	32	26	43	32	25	41	31	25	19
0.80	52	40	33	51	39	32	48	38	32	25
1.00	59	47	39	57	46	39	54	47	38	30
1.25	65	54	46	63	53	45	60	50	44	35
1.50	70	59	51	68	57	50	64	55	48	39
2.00	77	66	59	74	65	58	69	61	55	45
2.50	81	71	64	78	69	63	73	65	60	49
3.00	84	76	69	81	73	67	75	69	64	52
4.00	89	81	75	85	79	73	79	74	69	57
5.00	91	85	80	88	82	77	81	77	73	60
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
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 Test Speed: HIGH
 Temperature:25.3DEG
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 Test Date:2015-03-09

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 Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
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 Remarks: LAMP:SMD 3014 3000K 1138mm 14W ww
 LANS:WHITE PC
 30minutes warm-up

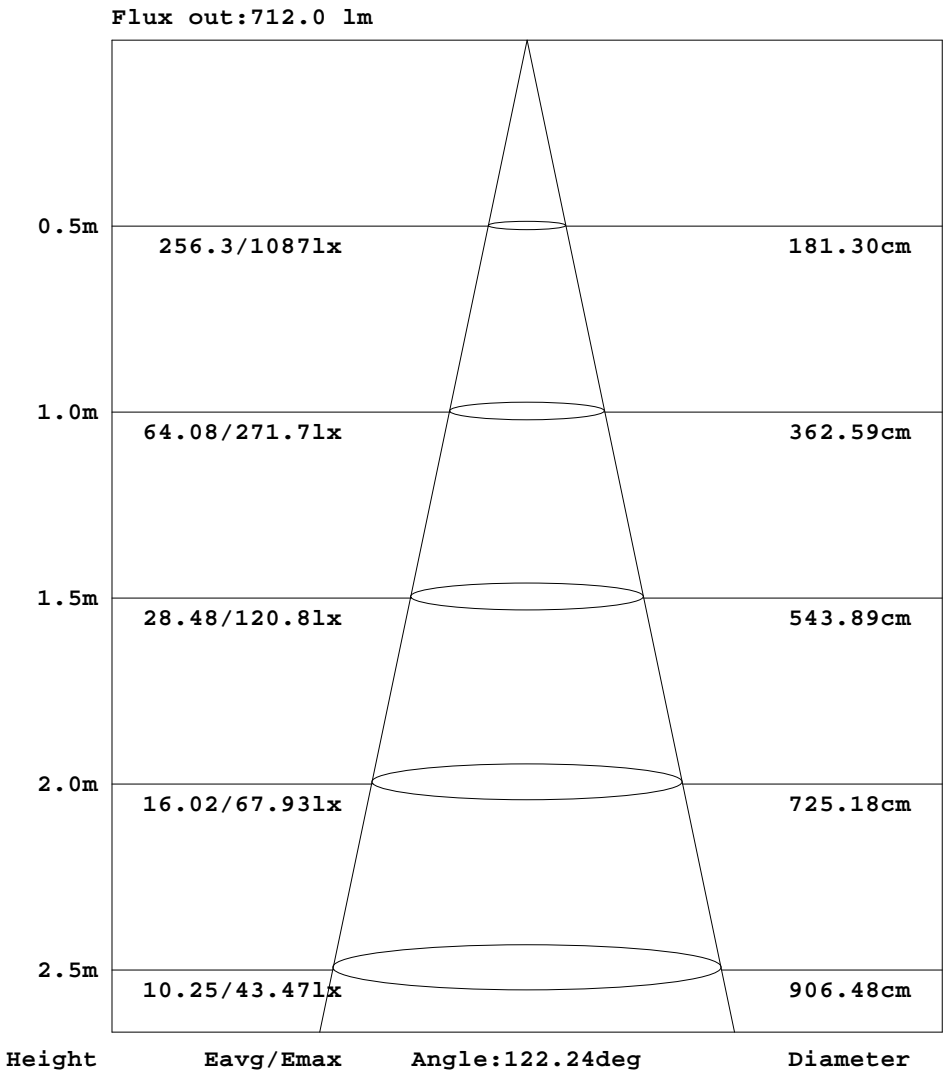
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
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Temperature:25.3DEG
Operators:Killua
Test Date:2015-03-09

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Humidity:65.0%
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Remarks: LAMP:SMD 3014 3000K 1138mm 14W ww
LANS:WHITE PC
30minutes warm-up

AAI Figure



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

C Range: 0 - 360DEG
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Test Speed: HIGH
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Remarks: LAMP:SMD 3014 3000K 1138mm 14W ww
LANS:WHITE PC
30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C(°) g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	272	270	270	270	270	269	272	270	270	270	270	269						
5	271	270	269	269	268	268	270	270	269	270	270	269						
10	269	268	268	266	266	265	268	267	267	269	268	267						
15	262	263	265	263	263	262	264	264	264	266	265	263						
20	250	253	260	259	258	257	260	260	260	262	261	254						
25	237	241	254	253	253	251	253	255	255	257	255	243						
30	223	228	247	246	246	244	244	248	248	250	247	230						
35	209	216	237	237	237	236	227	238	240	242	238	218						
40	194	202	227	227	228	223	210	222	231	233	227	204						
45	179	189	215	216	217	209	193	207	221	222	216	191						
50	164	176	203	204	205	193	176	191	210	211	204	178						
55	149	163	191	191	193	179	159	175	198	199	192	165						
60	134	150	178	179	180	164	143	161	185	186	179	152						
65	120	138	166	166	167	150	121	146	172	173	167	139						
70	105	125	154	153	154	137	95.5	132	158	160	154	127						
75	81.7	113	141	139	141	123	68.9	118	145	146	142	115						
80	52.5	102	129	127	128	105	43.6	101	131	133	129	103						
85	26.3	84.8	116	115	115	89.2	21.0	83.3	118	120	117	92.7						
90	7.27	70.0	104	103	103	74.9	4.90	68.1	105	108	106	82.3						
95	1.74	57.9	92.4	92.4	92.3	63.0	0.68	55.7	93.5	96.3	94.3	72.1						
100	1.12	49.1	81.6	81.9	81.9	52.8	0.60	46.6	82.8	86.1	83.7	63.3						
105	0.47	42.3	71.8	73.5	72.4	45.4	0.36	39.4	72.7	76.8	73.7	55.1						
110	0.33	34.0	63.1	65.2	63.4	39.0	0.58	28.7	63.6	68.0	64.6	45.0						
115	0.23	19.6	55.4	57.6	55.8	24.8	0.15	13.2	55.9	60.5	57.2	25.4						
120	0.28	15.2	46.9	51.4	48.7	14.8	0.46	9.96	41.8	53.0	44.1	19.2						
125	0.28	12.7	31.9	42.7	35.3	11.8	0.38	10.7	20.2	35.8	21.8	15.4						
130	0.21	9.23	15.3	23.6	17.3	9.49	0.53	9.42	11.4	16.3	13.0	11.8						
135	0.23	6.89	10.4	11.1	10.9	7.56	0.42	7.79	8.59	10.1	10.8	9.37						
140	0.00	4.47	8.58	8.07	8.65	6.18	0.00	5.96	7.90	8.51	8.97	6.85						
145	0.11	2.66	6.77	6.56	6.89	3.92	0.40	4.45	6.63	6.90	7.08	4.95						
150	0.11	1.66	5.06	5.56	5.24	2.21	0.42	2.95	5.21	5.89	5.46	2.83						
155	0.27	0.20	3.78	4.15	3.45	1.10	0.12	1.55	4.24	4.54	4.32	2.05						
160	0.07	0.16	2.14	2.37	2.23	0.12	0.15	0.59	2.64	3.28	2.59	0.69						
165	0.08	0.00	0.78	1.11	0.73	0.10	0.21	0.27	1.56	2.06	1.96	0.13						
170	0.00	0.09	0.00	0.04	0.32	0.31	0.47	0.00	0.37	0.83	0.27	0.48						
175	0.04	0.20	0.01	0.13	0.00	0.11	0.31	0.16	0.31	0.24	0.29	0.08						
180	0.46	0.40	0.56	0.09	0.13	0.09	0.20	0.14	0.29	0.04	0.30	0.14						

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Killua
 Test Date:2015-03-09

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
 Humidity:65.0%
 Test Distance:2.500m [K=1.3016]
 Remarks: LAMP:SMD 3014 3000K 1138mm 14W ww
 LANS:WHITE PC
 30minutes warm-up

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	271.7	270.2	269.7	269.6	269.7	269.1	271.7	270.2	269.7	269.6
3.0	271.7	270.5	269.4	269.1	269.1	268.1	271.2	270.4	269.6	269.9
6.0	271.2	269.9	269.2	269.1	268.2	267.7	270.0	269.8	269.0	269.4
9.0	270.1	269.0	268.4	267.4	267.0	265.9	268.8	268.3	268.0	268.4
12.0	267.8	266.6	266.6	265.8	265.1	264.2	266.9	266.5	266.2	267.3
15.0	262.0	262.7	264.6	263.4	262.7	261.8	264.4	264.3	264.2	265.8
18.0	255.0	256.7	262.2	260.7	260.4	259.0	261.5	261.8	261.7	263.7
21.0	247.7	250.2	259.1	257.9	256.9	255.6	258.2	258.7	259.3	260.9
24.0	239.3	243.3	255.8	254.6	253.8	252.2	254.4	255.1	256.1	257.1
27.0	231.7	236.1	251.4	250.4	249.9	247.7	250.5	251.4	252.2	254.5
30.0	223.4	228.4	246.6	245.8	245.9	243.6	243.7	247.6	248.4	250.4
33.0	214.7	220.6	241.2	240.6	240.8	238.9	233.8	242.3	243.6	245.6
36.0	205.8	213.0	235.7	235.1	235.5	233.4	224.0	234.7	238.5	240.2
39.0	196.8	204.8	229.3	229.5	229.3	226.2	213.5	225.7	233.3	234.7
42.0	188.2	197.1	222.4	222.9	223.5	218.0	203.3	216.1	227.3	228.8
45.0	179.1	189.2	215.2	216.0	217.0	208.5	192.9	206.5	221.1	222.1
48.0	170.0	181.8	208.1	208.9	209.9	199.0	182.8	197.4	214.0	215.4
51.0	161.3	173.7	200.9	201.8	202.9	190.5	172.7	188.1	207.1	208.6
54.0	152.5	165.6	193.4	194.4	195.5	182.0	162.8	178.7	200.1	201.5
57.0	143.4	158.0	185.8	186.7	188.2	172.9	152.6	169.7	192.1	194.1
60.0	134.3	150.3	178.3	178.8	180.4	164.3	142.8	160.7	184.8	185.8
63.0	125.6	142.7	170.8	171.3	172.6	155.8	131.6	151.4	177.1	178.1
66.0	117.1	134.9	163.4	163.0	164.8	147.8	116.4	142.9	169.1	170.9
69.0	108.5	127.7	156.1	155.3	156.7	139.4	100.7	134.4	160.8	162.4
72.0	98.87	120.3	148.6	147.3	148.6	131.8	84.16	126.3	152.7	154.4
75.0	81.73	113.0	141.1	139.4	140.9	122.7	68.94	117.5	145.1	146.4
78.0	63.68	106.3	133.4	132.0	132.9	112.1	53.27	107.6	136.7	138.5
81.0	46.93	98.85	126.3	124.4	125.7	101.9	38.90	97.01	128.5	130.4
84.0	31.43	88.54	118.6	116.9	117.4	91.87	25.43	86.69	120.8	122.7
87.0	17.72	78.78	111.7	110.0	110.4	83.37	13.68	77.05	112.9	115.1
90.0	7.273	69.98	104.2	103.2	103.5	74.85	4.895	68.07	105.3	107.7
93.0	2.503	62.27	96.84	96.35	96.70	67.21	0.8610	59.73	98.52	101.3
96.0	1.529	56.11	89.99	90.44	89.76	60.72	0.6913	53.85	90.93	94.57
99.0	1.209	51.10	83.84	84.31	83.98	54.86	0.4423	48.25	84.85	88.12
102.0	0.7487	46.33	77.70	78.77	77.84	49.65	0.4418	43.35	78.58	82.07
105.0	0.4703	42.27	71.84	73.45	72.39	45.38	0.3605	39.35	72.73	76.80
108.0	0.2879	38.40	66.62	68.53	67.00	41.35	0.2686	34.73	67.23	71.32
111.0	0.3984	30.63	61.48	63.58	61.73	37.31	0.3222	24.30	62.14	66.51
114.0	0.5501	21.56	56.69	59.04	57.40	28.47	0.2303	14.73	57.16	61.95
117.0	0.4956	17.16	52.28	55.15	53.01	19.56	0.3680	11.27	51.78	57.16
120.0	0.2810	15.18	46.89	51.42	48.72	14.81	0.4617	9.965	41.79	52.95
123.0	0.3019	13.55	38.81	46.83	41.74	12.52	0.1791	10.45	27.27	44.60
126.0	0.2236	12.01	27.56	39.76	30.82	11.31	0.3038	10.58	17.55	31.07
129.0	0.0517	9.965	17.72	28.34	20.02	10.00	0.4591	9.523	12.47	19.05
132.0	0.3172	8.027	12.39	17.61	13.59	8.978	0.5328	8.823	10.19	12.12
135.0	0.2299	6.889	10.40	11.11	10.86	7.560	0.4188	7.795	8.587	10.08
138.0	0.0446	5.727	9.078	8.957	9.629	6.540	0.0725	6.831	7.854	9.133
141.0	0	4.174	8.066	7.744	8.342	5.621	0.1990	5.588	7.751	8.402
144.0	0.2617	2.984	7.160	6.937	7.259	4.360	0.0255	4.845	7.359	7.409
147.0	0.2817	2.072	5.842	6.393	6.321	3.599	0.2800	3.829	6.178	6.453
150.0	0.1094	1.655	5.060	5.556	5.239	2.206	0.4229	2.951	5.213	5.887
153.0	0	0.9453	4.014	4.560	4.633	1.281	0.3643	2.411	4.466	5.332
156.0	0.1253	0.0607	3.018	3.808	3.681	0.6318	0.0253	1.210	3.910	4.341
159.0	0.1205	0.0172	2.081	3.050	2.349	0.6850	0.3780	0.5603	2.317	3.610
162.0	0.0330	0.2064	1.250	2.026	1.826	0.0674	0.5519	0.0210	2.064	2.988
165.0	0.0779	0	0.7776	1.110	0.7342	0.1040	0.2131	0.2731	1.563	2.060
168.0	0.2543	0.1141	0.1204	0.3181	0.0191	0.1180	0.5808	0.4731	0.6737	1.306
171.0	0.0435	0.0050	0.0237	0.3086	0.2030	0.1486	0.6770	0	0.3313	0.4234
174.0	0.3323	0.2400	0.0353	0.1152	0.0118	0.1130	0.3985	0.0833	0.5463	0.0771
177.0	0.2096	0.0774	0.1182	0.1093	0.2758	0.1825	0.2073	0.1044	0.2298	0.1897
180.0	0.4634	0.4003	0.5623	0.0917	0.1296	0.0947	0.1975	0.1404	0.2860	0.0401

G/C	300.0	330.0
0.0	269.7	269.1
3.0	269.7	269.5
6.0	268.7	269.1
9.0	268.4	268.2
12.0	267.7	266.6
15.0	265.3	263.4
18.0	262.7	257.9
21.0	260.2	251.6
24.0	256.6	244.7
27.0	252.6	237.8
30.0	247.0	230.2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-03-09

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
Humidity:65.0%
Test Distance:2.500m [K=1.3016]
Remarks: LAMP:SMD 3014 3000K 1138mm 14W ww
LANS:WHITE PC
30minutes warm-up

Photometric Data Table [cd]

33.0	241.8	222.6
36.0	235.8	214.8
39.0	229.7	206.9
42.0	222.6	199.0
45.0	215.6	191.1
48.0	208.9	183.2
51.0	201.5	175.1
54.0	194.3	167.1
57.0	186.9	159.0
60.0	179.3	152.0
63.0	171.2	144.2
66.0	164.0	136.6
69.0	156.2	128.8
72.0	148.9	122.0
75.0	141.5	114.9
78.0	133.8	107.9
81.0	126.5	101.0
84.0	119.5	94.71
87.0	112.6	88.34
90.0	105.6	82.30
93.0	98.28	76.17
96.0	91.79	70.42
99.0	85.53	64.96
102.0	79.48	59.84
105.0	73.75	55.14
108.0	68.34	50.30
111.0	63.15	41.00
114.0	58.48	28.11
117.0	53.56	21.92
120.0	44.08	19.16
123.0	29.42	16.80
126.0	19.33	14.65
129.0	13.87	12.43
132.0	12.16	11.04
135.0	10.77	9.370
138.0	9.555	8.047
141.0	8.575	6.407
144.0	7.541	5.368
147.0	6.407	4.000
150.0	5.461	2.829
153.0	4.726	2.925
156.0	4.192	1.705
159.0	2.479	1.450
162.0	2.339	0.6938
165.0	1.959	0.1334
168.0	0.7586	0.1227
171.0	0.0076	0.3175
174.0	0.2653	0.0089
177.0	0.2503	0.0889
180.0	0.3011	0.1404

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-03-09

g Range: 0 - 180DEG
g Interval: 1.0DEG
g Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
Humidity:65.0%
Test Distance:2.500m [K=1.3016]
Remarks: LAMP:SMD 3014 3000K 1138mm 14W ww
LANS:WHITE PC
30minutes warm-up