

Luminaire Photograph

202 026 103 03 DOWN LIGHT 4000K 10W
Hera GmbH & Co. KG



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-4-8

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=1.2921]
Remarks: LAMP:SMD3014 4000K 838mm 10W nw
LANS:WHITE PC
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

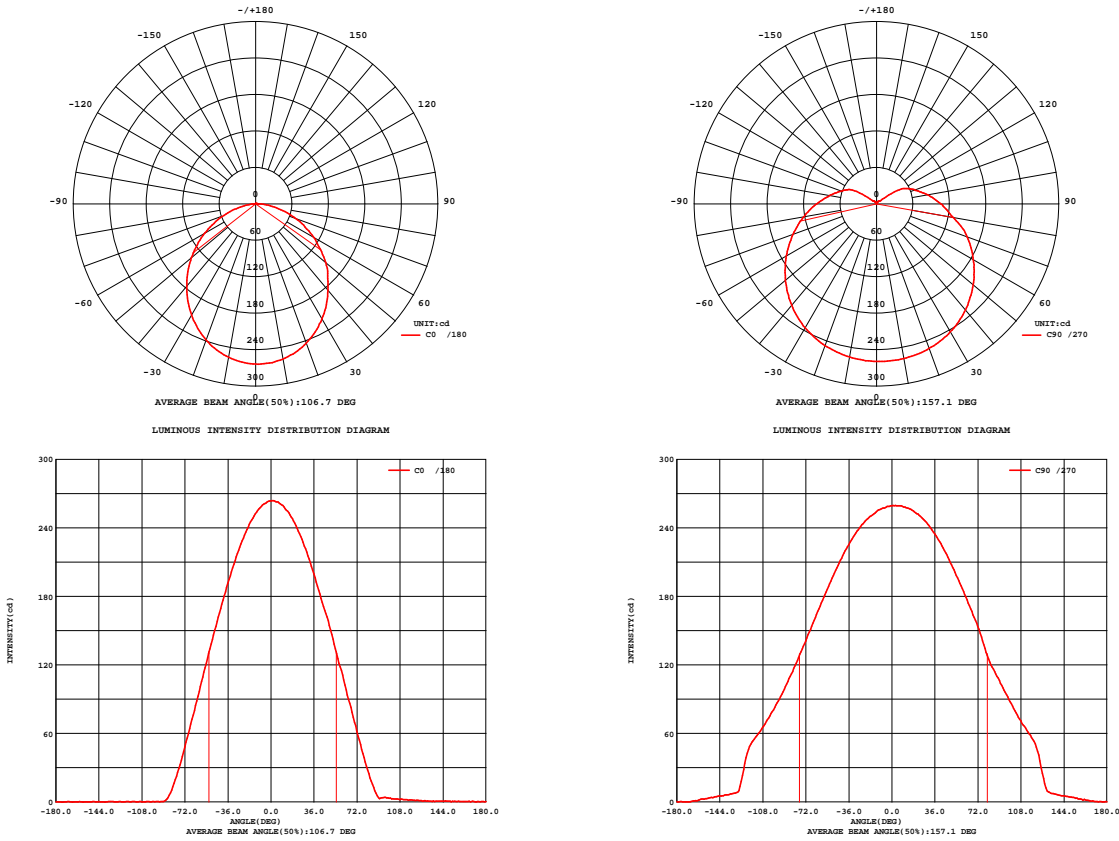


Fig. C0/C180

Fig. C90/C270

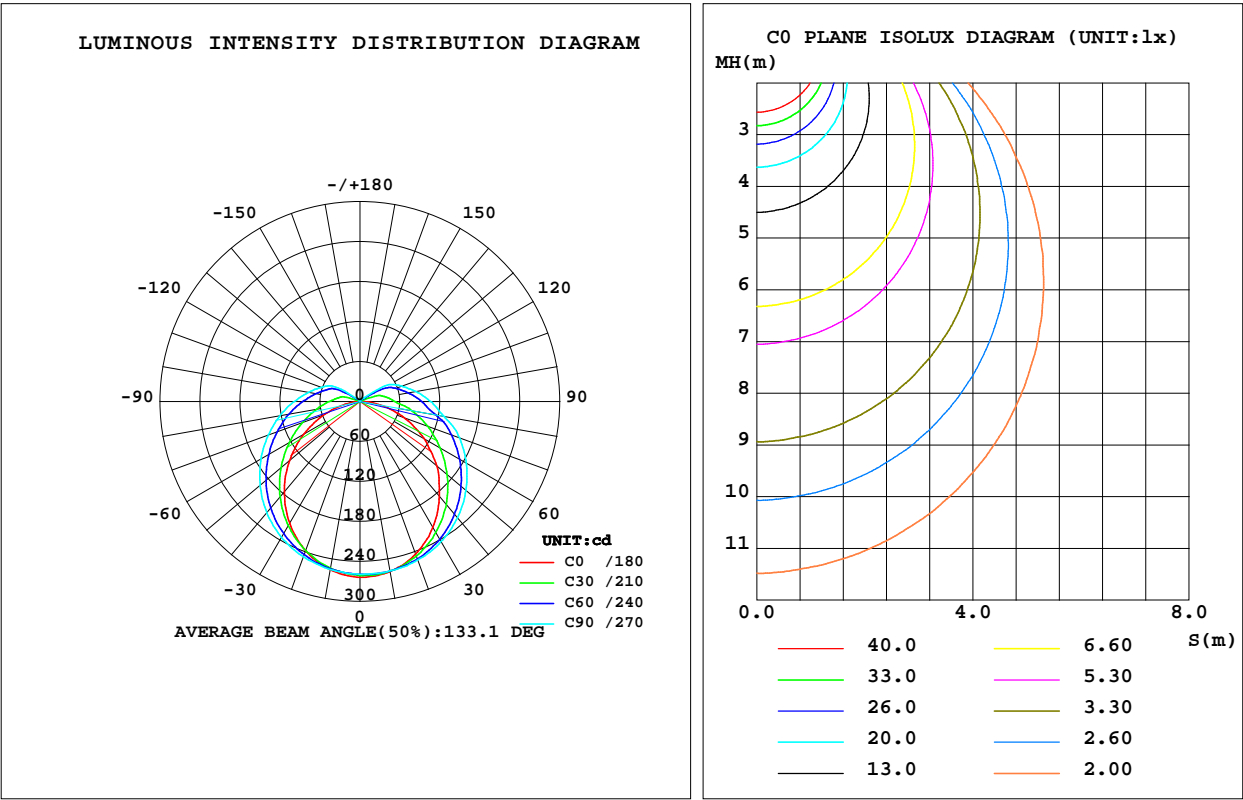
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LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.9V I:0.0470A P:9.591W PF:0.8563 Lamp Flux:1195x1 lm		
NAME: 202 026 103 03	TYPE:DOWN LIGHT	WEIGHT:
DIMENSION:	SPECIFICATION:4000K 10W SERIAL No.:1504086788	
MANUFACTURER: Hera GmbH & Co. KG	SURFACE:0.0144m2	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 113.35 lm/W			
MODEL	SMD 3014	Imax(cd)	263.8	S/MH(C0/180)	1.20
NOMINAL POWER(W)	10	EFFICIENCY(%)	91.0	S/MH(C90/270)	1.36
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1087.1	h UP(C0-180)	5.9
NOMINAL FLUX(lm)	1195.1	CIE CLASS	SEMI-D.	h DN(C0-180)	38.4
LAMPS INSIDE	1	h up(%)	12.4	h UP(C180-360)	6.5
TEST VOLTAGE(V)	230.9	h down(%)	78.6	h DN(C180-360)	40.2

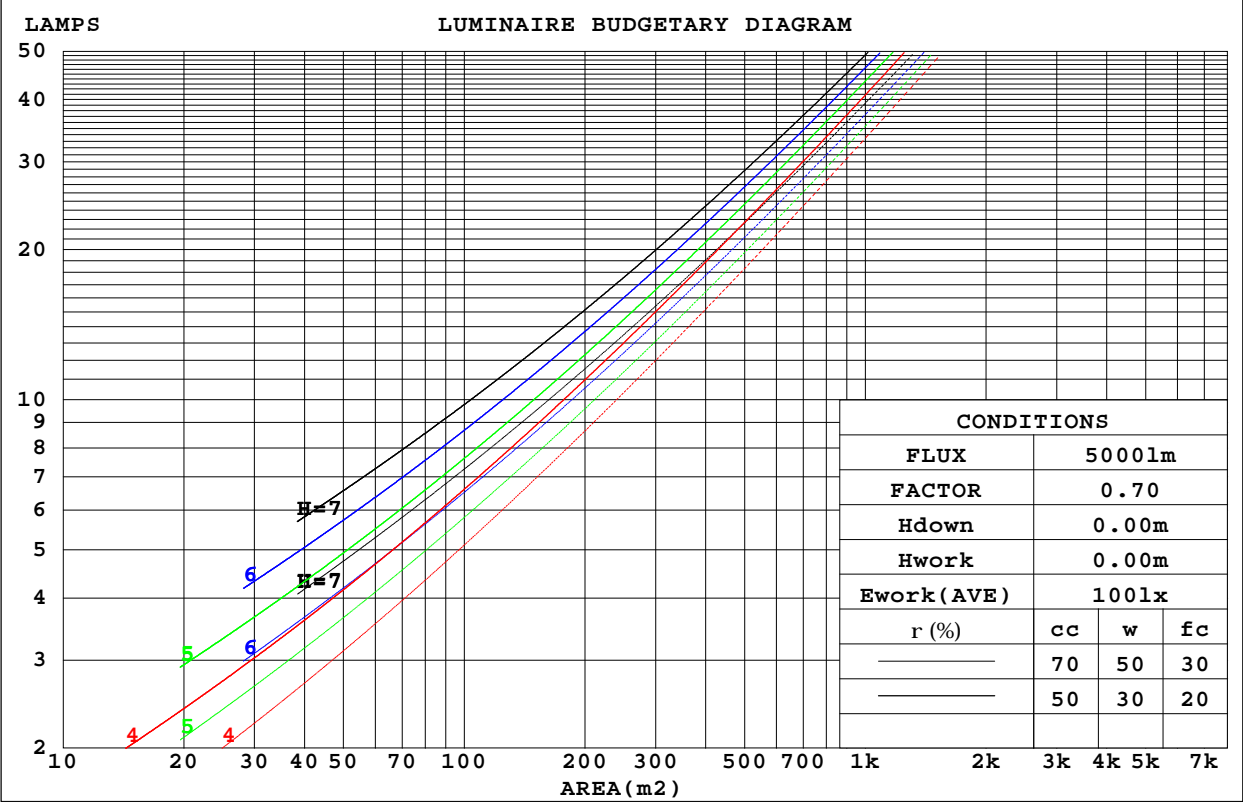


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30minutes warm-up

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	.88	.88	.88	.81	.81	.81	.79
1.0	.88	.83	.79	.85	.80	.76	.78	.75	.72	.73	.70	.67	.67	.65	.63	.60
2.0	.75	.68	.62	.73	.66	.61	.67	.62	.57	.62	.58	.54	.58	.54	.51	.48
3.0	.65	.57	.51	.63	.55	.49	.58	.52	.47	.54	.49	.45	.50	.46	.42	.40
4.0	.58	.49	.42	.55	.47	.41	.52	.45	.39	.48	.42	.38	.45	.40	.36	.33
5.0	.51	.42	.36	.49	.41	.35	.46	.39	.34	.43	.37	.32	.40	.35	.31	.28
6.0	.46	.37	.31	.44	.36	.30	.41	.34	.29	.39	.33	.28	.36	.31	.27	.25
7.0	.41	.33	.27	.40	.32	.27	.37	.31	.26	.35	.29	.25	.33	.28	.24	.22
8.0	.38	.30	.24	.36	.29	.24	.34	.28	.23	.32	.26	.22	.30	.25	.21	.19
9.0	.34	.27	.22	.33	.26	.21	.31	.25	.20	.30	.24	.20	.28	.23	.19	.17
10.0	.32	.24	.19	.31	.24	.19	.29	.23	.18	.27	.22	.18	.26	.21	.17	.15



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ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	256.5	254.5	256.0	255.2	259.5	258.6	258.2	254.2	0- 10	24.64	24.64	2.27,2.06
20	238.5	241.4	248.1	243.7	244.1	249.4	253.1	242.3	10- 20	70.99	95.63	8.8,8
30	211.2	222.0	235.6	225.7	218.7	233.3	242.9	223.7	20- 30	109.1	204.7	18.8,17.1
40	176.7	197.5	217.7	201.3	185.3	211.2	227.9	199.8	30- 40	134.6	339.4	31.2,28.4
50	138.2	169.5	195.8	172.9	150.6	184.4	207.7	171.6	40- 50	145.6	485.0	44.6,40.6
60	96.68	139.9	171.5	143.9	111.1	155.5	184.1	142.7	50- 60	142.4	627.4	57.7,52.5
70	55.88	112.1	146.5	114.3	69.50	127.0	159.0	113.6	60- 70	127.6	755.0	69.5,63.2
80	19.63	86.67	121.6	87.37	31.58	97.24	128.0	87.28	70- 80	104.8	859.8	79.1,71.9
90	0.5361	66.14	98.73	65.45	3.807	72.71	106.2	66.08	80- 90	79.40	939.2	86.4,78.6
100	0.1034	50.51	79.04	49.54	3.442	57.05	86.06	50.02	90-100	60.38	999.5	91.9,83.6
110	0.4706	32.70	62.08	31.23	2.493	40.45	67.46	31.87	100-110	44.49	1044	96,87.4
120	0.3064	17.85	46.06	17.07	1.503	20.50	50.95	16.44	110-120	27.17	1071	98.5,89.6
130	0.2123	5.476	8.270	5.390	0.8328	6.034	9.734	4.814	120-130	9.663	1081	99.4,90.4
140	0.2503	3.806	5.996	3.587	0.6882	4.155	6.043	3.395	130-140	3.372	1084	99.7,90.7
150	0.1033	2.500	3.852	2.311	0.7280	2.481	4.283	2.023	140-150	1.870	1086	99.9,90.9
160	0.4706	0.8862	2.255	0.9545	0.4349	1.240	1.665	1.020	150-160	0.7800	1087	100,90.9
170	0.4365	0.3047	0.1943	0.1383	0.5219	0.4907	0.4917	0.2520	160-170	0.1801	1087	100,91
180	0.0540	0.0673	0.4045	0.1423	0.4251	0.2682	0.1730	0.1585	170-180	0.0221	1087	100,91
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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Humidity:65.0%
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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	.349	.198	.063	.338	.193	.061	.319	.183	.058	.301	.174	.056	.285	.165	.053	
2.0	.303	.166	.051	.294	.162	.050	.276	.154	.048	.260	.146	.046	.245	.139	.044	
3.0	.270	.143	.043	.261	.140	.042	.245	.133	.040	.231	.127	.039	.217	.120	.037	
4.0	.243	.126	.037	.235	.123	.036	.221	.117	.035	.208	.112	.034	.196	.106	.032	
5.0	.221	.113	.033	.214	.110	.032	.201	.105	.031	.189	.100	.030	.178	.095	.029	
6.0	.203	.102	.029	.196	.099	.029	.185	.095	.028	.174	.090	.027	.164	.086	.026	
7.0	.187	.092	.026	.181	.090	.026	.171	.086	.025	.161	.082	.024	.151	.079	.023	
8.0	.173	.085	.024	.168	.083	.023	.158	.079	.023	.149	.076	.022	.141	.072	.021	
9.0	.162	.078	.022	.157	.076	.021	.148	.073	.021	.140	.070	.020	.132	.067	.019	
10.0	.151	.073	.020	.147	.071	.020	.139	.068	.019	.131	.065	.018	.124	.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	.268	.268	.268	.229	.229	.229	.156	.156	.156	.090	.090	.090	.029	.029	.029		
1.0	.264	.237	.212	.226	.203	.182	.154	.140	.126	.089	.081	.073	.028	.026	.024		
2.0	.257	.216	.180	.220	.186	.156	.151	.128	.109	.087	.075	.064	.028	.024	.021		
3.0	.250	.200	.160	.215	.173	.139	.147	.120	.098	.085	.070	.058	.027	.023	.019		
4.0	.243	.189	.147	.209	.163	.128	.144	.114	.090	.083	.067	.053	.027	.022	.018		
5.0	.236	.180	.138	.203	.156	.120	.140	.109	.085	.081	.064	.050	.026	.021	.017		
6.0	.229	.173	.132	.197	.149	.115	.136	.105	.081	.079	.062	.048	.025	.020	.016		
7.0	.223	.166	.127	.192	.144	.111	.133	.101	.078	.077	.060	.047	.025	.020	.015		
8.0	.217	.161	.123	.187	.140	.107	.129	.098	.076	.075	.058	.045	.024	.019	.015		
9.0	.211	.157	.120	.182	.136	.105	.126	.096	.075	.073	.057	.044	.024	.019	.015		
10.0	.206	.153	.118	.177	.133	.103	.123	.094	.073	.072	.055	.044	.023	.018	.014		

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 g Interval: 1.0DEG
 Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
 Humidity:65.0%
 Test Distance:2.500m [K=1.2921]
 Remarks: LAMP:SMD3014 4000K 838mm 10W nw
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 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	20.8	22.3	21.3	22.7	23.2	23.0	24.5	23.5	24.9	25.4
3H	22.3	23.6	22.8	24.1	24.6	25.6	26.9	26.1	27.4	27.9
4H	22.8	24.1	23.3	24.6	25.1	27.0	28.3	27.5	28.8	29.3
6H	23.2	24.4	23.7	24.9	25.4	28.6	29.8	29.1	30.3	30.8
8H	23.3	24.4	23.8	24.9	25.5	29.4	30.6	30.0	31.1	31.7
12H	23.3	24.4	23.9	24.9	25.5	30.4	31.5	31.0	32.1	32.7
4H 2H	22.0	23.2	22.5	23.7	24.3	23.6	24.8	24.1	25.3	25.9
3H	23.7	24.8	24.2	25.3	25.9	26.4	27.5	27.0	28.0	28.6
4H	24.5	25.5	25.0	26.0	26.7	28.0	29.0	28.6	29.6	30.2
6H	25.1	26.0	25.7	26.6	27.2	29.8	30.7	30.4	31.3	31.9
8H	25.3	26.1	25.9	26.7	27.4	30.8	31.6	31.4	32.2	32.9
12H	25.4	26.2	26.0	26.8	27.5	31.9	32.7	32.5	33.3	34.0
8H 4H	25.5	26.4	26.2	27.0	27.7	28.4	29.2	29.0	29.8	30.5
6H	26.6	27.3	27.2	27.9	28.6	30.5	31.2	31.1	31.8	32.5
8H	27.0	27.7	27.7	28.3	29.0	31.7	32.3	32.3	33.0	33.7
12H	27.4	27.9	28.0	28.6	29.3	33.1	33.6	33.7	34.3	35.1
12H 4H	25.9	26.7	26.5	27.3	28.0	28.4	29.2	29.0	29.8	30.5
6H	27.1	27.8	27.8	28.4	29.2	30.6	31.2	31.2	31.9	32.6
8H	27.8	28.4	28.5	29.0	29.8	31.9	32.5	32.6	33.1	33.9
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					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1195 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.6)

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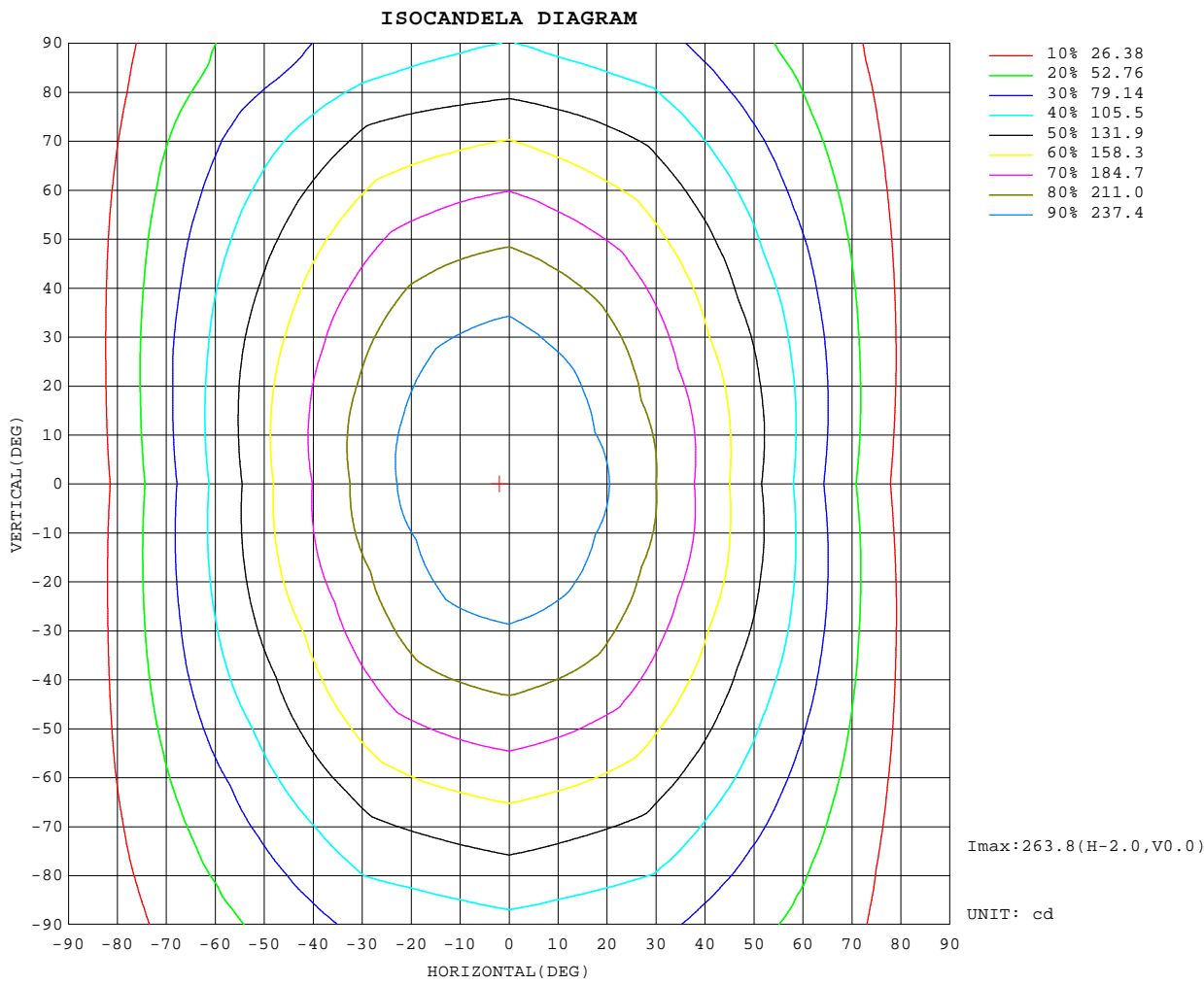
UTILIZATION FACTORS TABLE

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) $k(RI) \times RCR = 5$									
$k = 0.60$	45	34	27	44	33	27	42	33	27	20
0.80	53	41	34	52	41	34	50	40	33	26
1.00	60	49	41	59	48	41	56	49	40	32
1.25	67	55	48	65	54	47	61	52	46	38
1.50	71	60	52	69	59	52	65	57	50	41
2.00	78	68	60	75	66	59	71	63	57	47
2.50	82	73	66	79	71	64	74	67	62	51
3.00	85	77	70	82	75	69	77	71	66	55
4.00	89	82	76	86	80	74	80	75	71	59
5.00	92	86	81	89	83	78	83	78	74	62
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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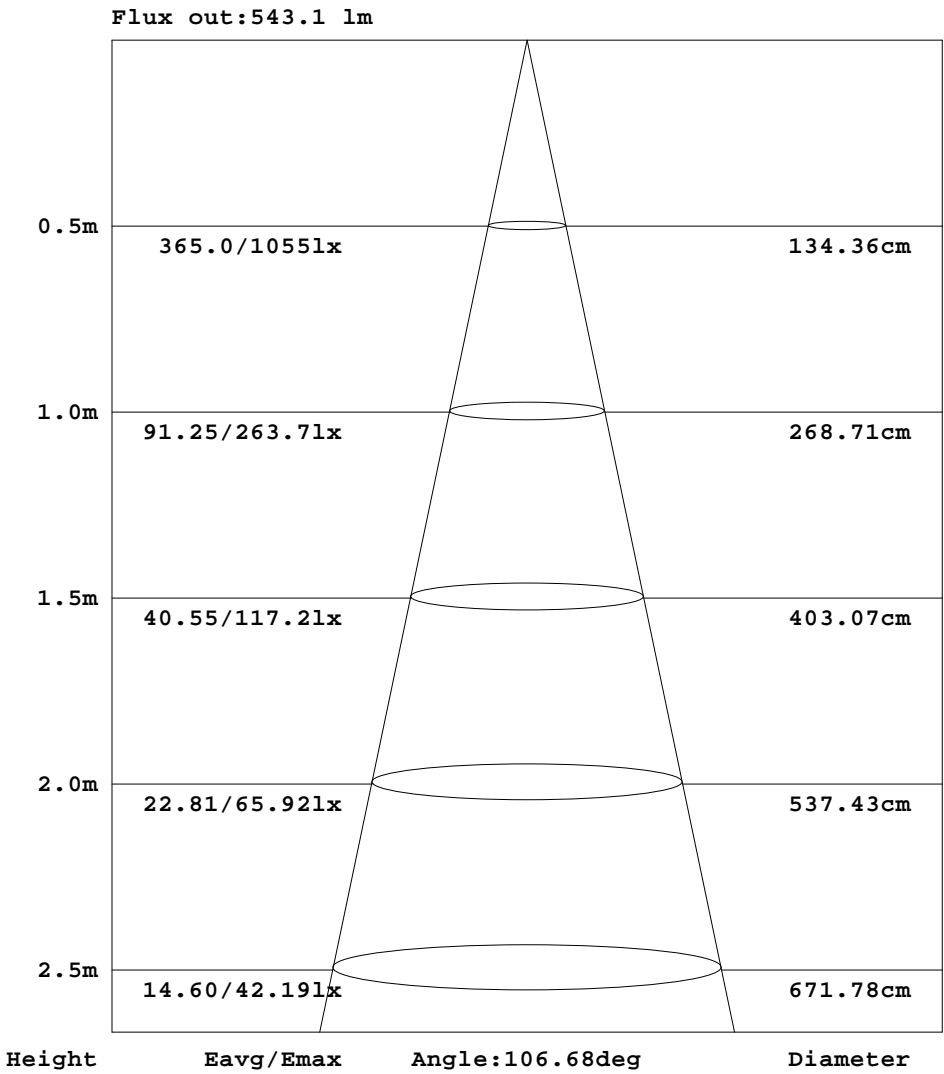
ISOCANDELA DIAGRAM



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AAI Figure



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

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LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C(DEG) g (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	264	261	259	259	259	258	264	261	259	259	259	258						
5	261	259	258	258	258	257	263	261	260	259	258	257						
10	256	254	255	256	256	254	259	259	259	258	256	253						
15	249	247	250	252	252	249	253	254	256	257	252	246						
20	239	238	245	248	247	241	244	247	252	253	247	238						
25	226	228	237	243	240	231	232	238	246	249	240	228						
30	211	215	229	236	232	219	219	227	239	243	232	216						
35	195	201	219	227	222	206	203	215	231	236	223	202						
40	177	186	209	218	211	191	185	202	221	228	212	188						
45	158	171	196	207	199	176	168	187	210	218	201	172						
50	138	155	184	196	187	159	151	171	198	208	188	155						
55	117	139	171	184	174	143	130	155	185	196	175	139						
60	96.7	122	158	172	160	128	111	139	173	184	162	123						
65	76.0	107	145	159	147	112	89.8	123	159	172	149	106						
70	55.9	91.9	132	147	134	94.8	69.5	108	146	159	136	91.2						
75	36.6	77.8	120	134	121	79.3	50.2	92.8	133	144	123	77.1						
80	19.6	65.7	108	122	109	65.9	31.6	78.9	116	128	110	64.3						
85	5.91	55.1	96.7	110	97.1	55.1	15.7	63.8	101	116	98.5	53.4						
90	0.54	46.3	86.0	98.7	86.2	44.7	3.81	52.5	92.9	106	88.0	44.2						
95	0.45	38.8	76.5	88.4	76.8	37.6	4.10	46.0	83.7	95.9	77.8	36.9						
100	0.10	33.2	67.9	79.0	67.6	31.5	3.44	39.6	74.5	86.1	68.9	31.2						
105	0.22	28.6	60.1	70.6	59.8	26.7	2.68	34.1	65.4	76.0	60.6	26.1						
110	0.47	12.4	53.0	62.1	52.5	9.95	2.49	23.2	57.7	67.5	53.6	10.1						
115	0.43	5.49	46.7	55.1	46.3	5.67	1.67	7.39	50.8	59.5	46.2	5.53						
120	0.31	5.04	30.7	46.1	29.5	4.65	1.50	5.92	35.1	51.0	28.3	4.54						
125	0.15	4.09	8.86	23.2	8.13	4.07	1.20	5.21	12.7	30.0	8.82	3.74						
130	0.21	3.61	7.34	8.27	7.03	3.75	0.83	4.65	7.41	9.73	6.55	3.08						
135	0.32	3.16	6.02	7.25	6.12	2.95	0.47	3.47	6.32	7.39	5.98	2.67						
140	0.25	2.69	4.92	6.00	4.71	2.46	0.69	2.96	5.35	6.04	4.89	1.90						
145	0.20	1.73	4.17	5.06	4.25	1.68	0.82	2.44	4.85	5.14	4.03	1.48						
150	0.10	1.32	3.68	3.85	3.54	1.09	0.73	1.70	3.26	4.28	2.97	1.08						
155	0.04	0.78	2.41	2.96	2.25	0.61	0.46	1.20	2.55	3.51	2.11	0.66						
160	0.47	0.28	1.49	2.25	1.69	0.22	0.43	0.88	1.60	1.67	1.71	0.33						
165	0.07	0.01	0.75	1.08	0.66	0.32	0.37	0.46	0.89	1.36	0.89	0.31						
170	0.44	0.23	0.38	0.19	0.20	0.08	0.52	0.72	0.26	0.49	0.42	0.08						
175	0.00	0.12	0.05	0.12	0.11	0.26	0.26	0.31	0.29	0.46	0.31	0.35						
180	0.05	0.08	0.05	0.40	0.15	0.13	0.43	0.29	0.25	0.17	0.00	0.32						

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Killua
 Test Date:2015-4-8

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=1.2921]
 Remarks: LAMP:SMD3014 4000K 838mm 10W nw
 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	263.6	261.2	259.1	259.3	258.5	258.2	263.6	261.2	259.1	259.3
3.0	262.7	259.9	258.3	258.7	258.5	258.0	263.3	261.4	259.8	259.4
6.0	260.7	257.7	257.3	257.2	257.9	257.1	262.5	260.8	259.5	259.2
9.0	257.7	255.2	255.6	256.5	256.3	255.2	260.1	259.3	258.8	258.6
12.0	253.6	251.4	253.4	255.0	254.3	251.9	256.8	257.3	257.5	257.7
15.0	248.5	247.0	250.5	252.3	251.9	248.8	253.0	254.1	255.6	256.5
18.0	243.1	241.7	247.2	250.1	249.0	244.4	248.0	249.8	253.2	254.8
21.0	236.1	236.3	243.4	247.1	245.5	239.1	241.8	245.5	250.7	252.3
24.0	228.6	229.7	239.1	243.7	241.8	233.3	234.8	240.1	247.5	249.9
27.0	220.2	222.7	234.2	239.8	237.1	226.7	227.4	234.3	243.0	246.8
30.0	211.2	215.2	228.8	235.6	232.2	219.3	218.7	227.4	239.1	242.9
33.0	201.4	207.1	223.6	230.4	226.4	211.4	209.3	220.0	234.3	239.1
36.0	191.4	198.5	217.2	225.1	220.0	203.0	199.5	212.5	228.9	234.5
39.0	180.6	189.2	210.6	219.9	213.8	194.5	188.9	204.5	222.9	229.5
42.0	169.4	180.6	203.8	213.4	206.6	185.2	178.4	195.6	216.7	224.3
45.0	158.2	171.0	196.4	207.1	199.2	175.6	167.7	186.7	209.9	218.1
48.0	146.2	161.0	189.4	200.2	191.8	165.7	158.8	177.6	203.0	212.0
51.0	134.0	151.5	181.3	193.2	184.3	155.7	146.6	167.6	195.5	205.3
54.0	121.4	141.6	173.6	186.1	176.3	146.2	134.1	158.1	187.8	198.2
57.0	109.5	131.9	165.6	179.0	168.3	136.7	121.5	148.4	180.2	191.4
60.0	96.68	122.1	157.6	171.5	160.2	127.6	111.1	138.6	172.5	184.1
63.0	84.44	112.6	150.3	164.0	152.3	118.0	98.08	129.4	164.7	176.8
66.0	72.33	103.3	142.5	156.4	144.5	108.3	86.55	119.8	156.5	169.1
69.0	59.82	94.56	134.5	149.0	136.3	98.20	73.99	110.8	148.9	161.6
72.0	48.45	85.83	127.0	141.1	128.5	88.80	61.84	101.6	141.0	153.6
75.0	36.60	77.79	119.9	134.0	120.6	79.33	50.21	92.85	132.9	144.3
78.0	25.83	70.58	112.9	126.2	113.8	71.30	38.72	84.23	122.5	134.2
81.0	16.27	63.55	105.7	119.2	106.5	63.51	27.76	76.19	112.1	125.1
84.0	7.969	56.97	98.89	112.2	99.23	57.30	18.29	67.73	103.3	118.2
87.0	2.581	51.19	92.23	105.6	92.48	51.01	9.992	57.20	97.97	112.1
90.0	0.5361	46.27	86.01	98.73	86.20	44.71	3.807	52.54	92.87	106.2
93.0	0.2275	41.99	80.06	92.37	80.35	40.46	3.662	49.00	87.55	99.99
96.0	0.3237	37.66	74.80	86.64	75.05	36.43	3.947	44.94	81.88	93.89
99.0	0.3875	34.34	69.60	80.64	69.35	32.75	3.206	40.94	76.14	87.93
102.0	0.2941	31.06	64.61	75.58	64.37	29.15	3.012	37.31	71.03	81.90
105.0	0.2234	28.57	60.10	70.61	59.77	26.74	2.683	34.10	65.41	75.96
108.0	0.0399	20.82	55.31	65.37	55.28	18.45	2.225	29.89	61.07	70.87
111.0	0.1839	8.991	51.71	60.56	51.28	7.120	2.218	18.68	56.76	66.16
114.0	0.4462	6.143	48.17	56.72	47.41	5.876	2.066	8.739	52.06	61.23
117.0	0.0361	5.326	42.23	52.53	41.23	4.953	1.887	6.775	46.46	56.43
120.0	0.3064	5.036	30.66	46.06	29.49	4.654	1.503	5.918	35.08	50.95
123.0	0.1701	4.405	16.05	33.66	14.54	4.504	1.448	5.036	19.87	40.92
126.0	0.2851	3.585	8.056	17.95	7.710	4.164	1.246	4.858	10.11	25.08
129.0	0.2277	3.525	7.300	8.487	6.851	3.617	1.136	4.785	7.641	12.57
132.0	0.3650	3.480	6.507	7.690	6.223	3.080	0.5952	3.839	7.127	8.431
135.0	0.3246	3.160	6.015	7.252	6.118	2.951	0.4719	3.473	6.323	7.390
138.0	0.0268	2.732	5.584	6.408	5.293	2.810	0.6727	3.294	6.103	6.685
141.0	0.2773	2.188	4.990	5.507	4.906	2.465	0.6487	2.759	5.157	5.688
144.0	0.3345	2.041	4.578	5.448	4.115	1.489	0.5829	2.405	4.517	5.388
147.0	0.0072	1.637	3.989	4.622	3.794	1.469	0.7297	1.832	3.898	5.021
150.0	0.1033	1.324	3.676	3.852	3.536	1.087	0.7280	1.699	3.262	4.283
153.0	0.2119	0.8476	3.207	3.440	2.852	0.9443	0.3874	1.351	3.185	3.685
156.0	0.2033	0.4649	2.320	2.882	2.250	0.4828	0.4310	0.8163	2.427	2.750
159.0	0.2457	0.5945	1.707	2.592	1.618	0.0339	0.2838	0.7536	1.912	2.391
162.0	0.0190	0.0812	0.9500	1.614	1.066	0.1520	0.3749	0.6148	1.560	1.883
165.0	0.0682	0.0052	0.7453	1.080	0.6580	0.3181	0.3674	0.4557	0.8947	1.355
168.0	0.0107	0.1163	0.1855	0.4164	0.0250	0.1297	0.4414	0.5715	0.6316	1.086
171.0	0.1664	0.0545	0.2088	0.1283	0.1169	0.0365	0.2250	0.4868	0.2419	0.4831
174.0	0	0.1160	0.2000	0.1531	0.0261	0.0787	0.2926	0.4504	0.1244	0.3156
177.0	0.1941	0.2543	0.4829	0.5236	0.3009	0.0494	0.3770	0.2336	0.2480	0.1582
180.0	0.0540	0.0806	0.0540	0.4045	0.1537	0.1309	0.4251	0.2912	0.2451	0.1730
G/C	300.0	330.0								
0.0	258.5	258.2								
3.0	258.6	257.6								
6.0	257.9	256.1								
9.0	256.1	253.9								
12.0	253.8	250.3								
15.0	252.1	246.3								
18.0	248.9	241.6								
21.0	245.3	236.1								
24.0	241.4	229.6								
27.0	237.0	222.9								
30.0	231.8	215.6								

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-4-8

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=1.2921]
Remarks: LAMP:SMD3014 4000K 838mm 10W nw
LANS:WHITE PC
30minutes warm-up

Photometric Data Table [cd]

33.0	226.7	207.6
36.0	221.0	199.1
39.0	214.3	190.5
42.0	207.6	181.4
45.0	200.8	171.7
48.0	193.2	162.2
51.0	185.9	152.3
54.0	177.8	142.2
57.0	169.8	132.5
60.0	162.4	122.9
63.0	154.3	113.2
66.0	146.5	103.3
69.0	138.7	94.07
72.0	130.9	85.45
75.0	123.4	77.06
78.0	115.8	69.46
81.0	107.7	62.24
84.0	100.7	55.27
87.0	93.98	49.74
90.0	88.00	44.16
93.0	81.56	39.63
96.0	76.02	35.77
99.0	70.47	32.24
102.0	65.18	29.58
105.0	60.56	26.12
108.0	56.36	17.59
111.0	52.12	7.124
114.0	47.72	5.381
117.0	41.20	4.925
120.0	28.33	4.537
123.0	14.12	4.120
126.0	7.591	3.599
129.0	7.084	3.140
132.0	6.635	2.750
135.0	5.984	2.670
138.0	5.178	2.326
141.0	4.804	1.820
144.0	4.087	1.693
147.0	3.895	1.028
150.0	2.967	1.080
153.0	2.507	0.7502
156.0	2.136	0.5062
159.0	1.926	0.1556
162.0	1.076	0.0250
165.0	0.8929	0.3081
168.0	0.2658	0.3628
171.0	0.2187	0.2320
174.0	0.3971	0.0645
177.0	0.1274	0.4910
180.0	0	0.3170

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-4-8

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=1.2921]
Remarks: LAMP:SMD3014 4000K 838mm 10W nw
LANS:WHITE PC
30minutes warm-up