

### Luminaire Photograph

202 026 102 03 DOWN LIGHT 4000K 8W  
Hera GmbH & Co. KG

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C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Killua  
Test Date:2015-01-24

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=1.2866]  
Remarks: LAMP:SMD 3014 4000K 538mm 8W nw  
LENS:WHITE PC  
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

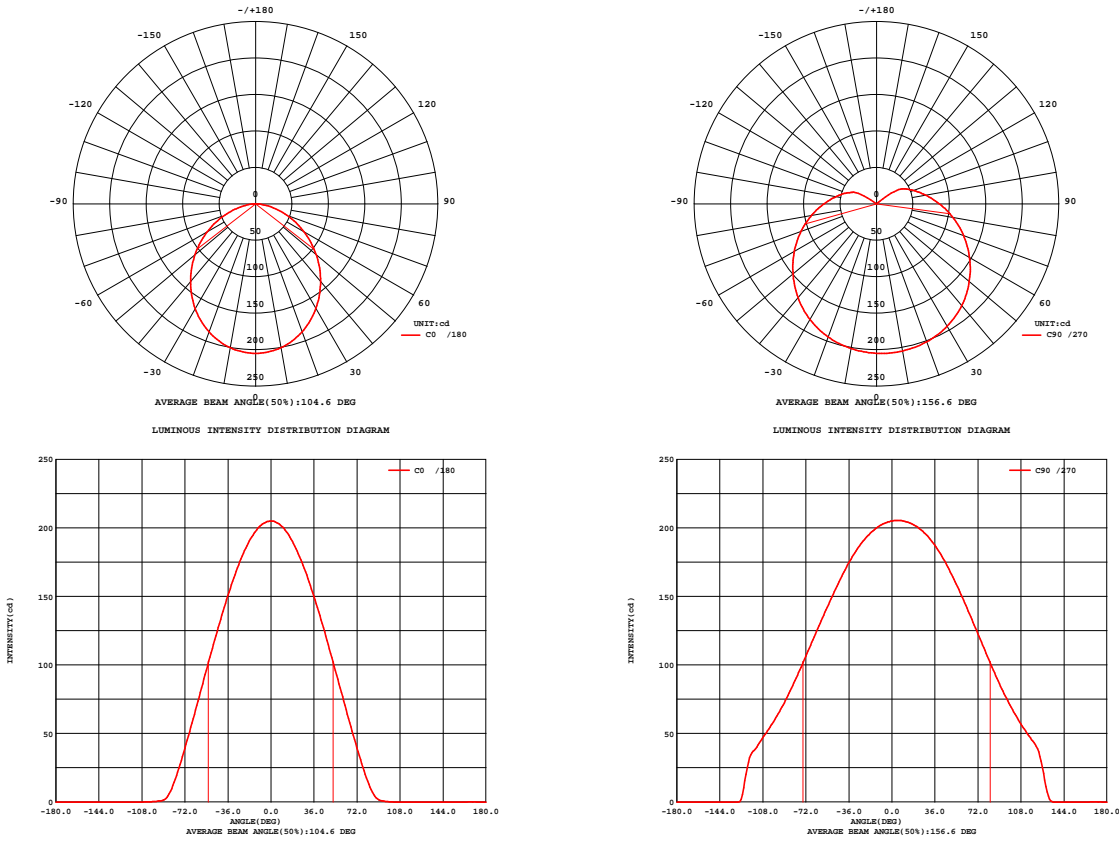


Fig. C0/C180

Fig. C90/C270

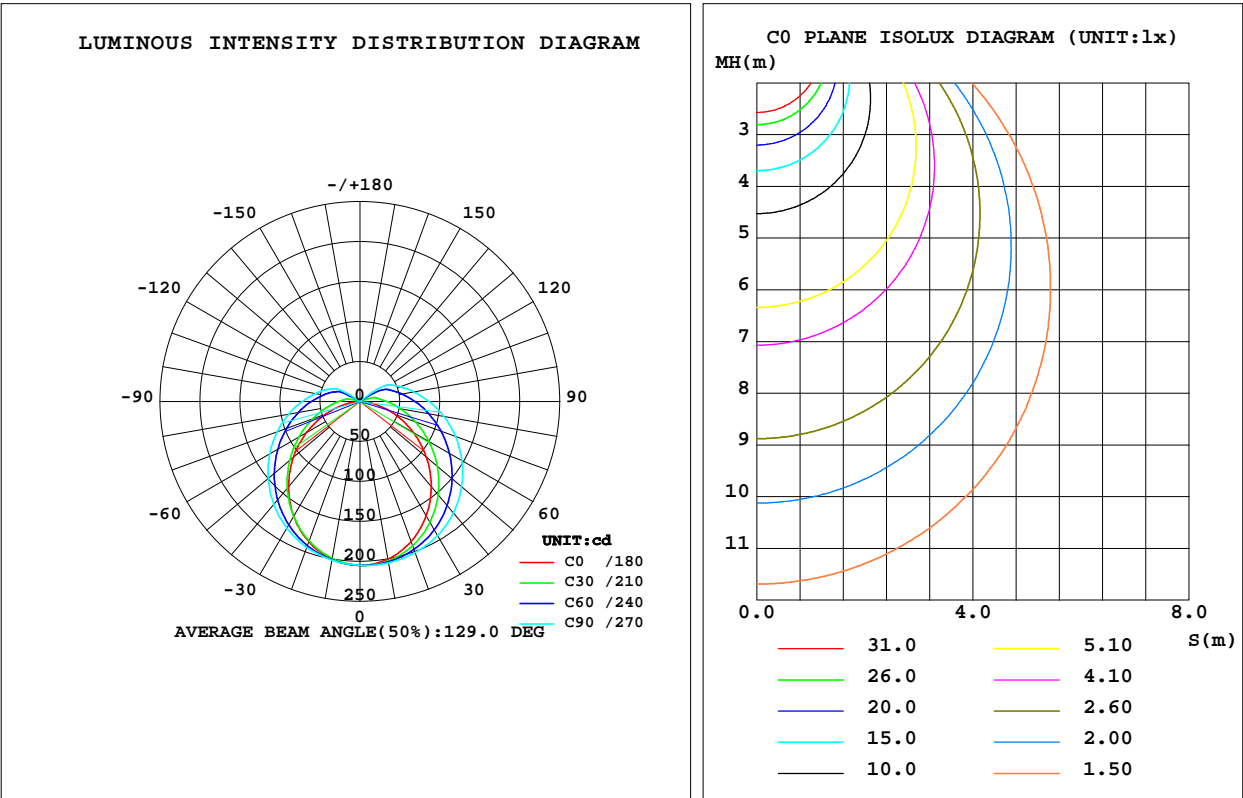
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Temperature:25.3DEG  
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g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203  
Humidity:65.0%  
Test Distance:2.500m [K=1.2866]  
Remarks: LAMP:SMD 3014 4000K 538mm 8W nw  
LENS:WHITE PC  
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.8V I:0.0407A P:7.990W PF:0.8512 Lamp Flux:930.5x1 lm		
NAME: 202 026 102 03	TYPE:DOWN LIGHT	WEIGHT:
DIMENSION:	SPECIFICATION:4000K 8W	SERIAL No.:1501246528
MANUFACTURER: Hera GmbH & Co. KG	SURFACE:0.0106m2	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.16 lm/W			
MODEL	SMD 3014	Imax(cd)	205.4	S/MH(C0/180)	1.21
NOMINAL POWER(W)	8	EFFICIENCY(%)	89.4	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	832.25	h UP(C0-180)	4.9
NOMINAL FLUX(lm)	930.54	CIE CLASS	SEMI-D.	h DN(C0-180)	37.9
LAMPS INSIDE	1	h up(%)	11.1	h UP(C180-360)	6.2
TEST VOLTAGE(V)	229.1	h down(%)	78.3	h DN(C180-360)	40.4

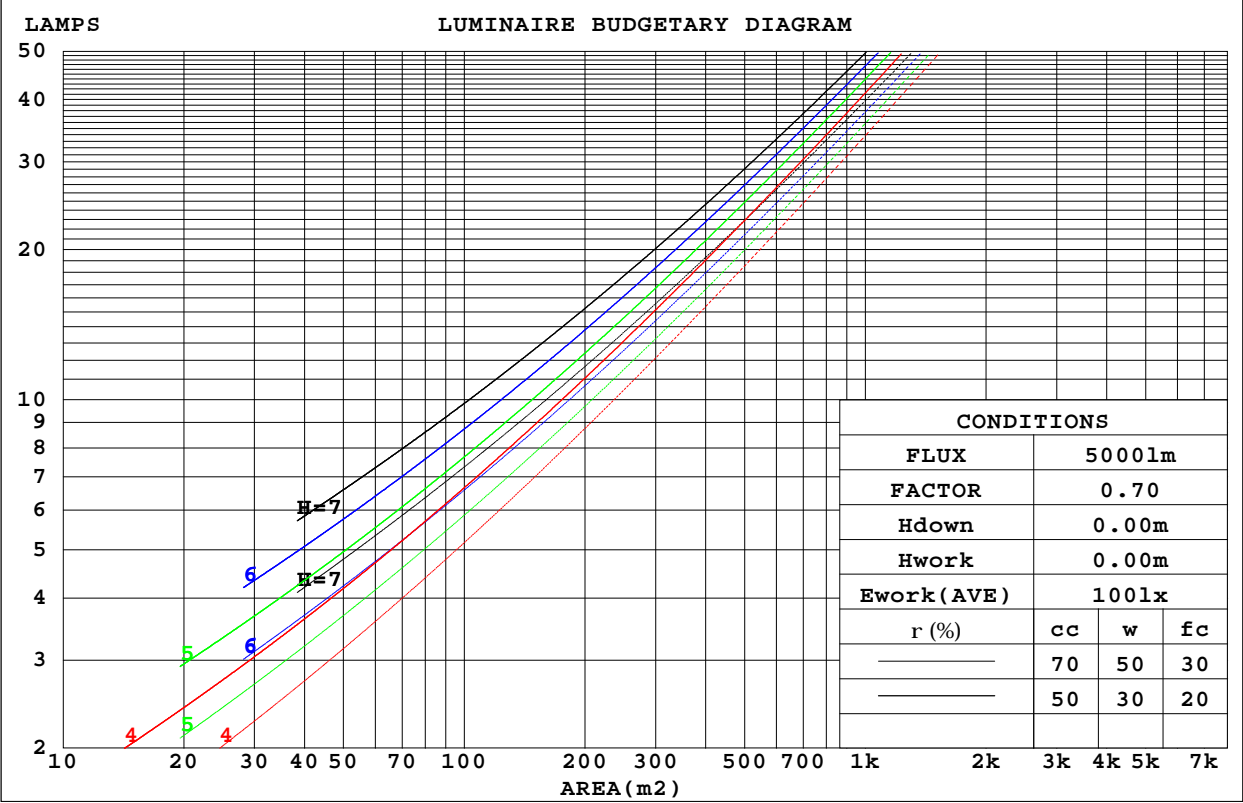


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Temperature:25.3DEG  
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g Interval: 1.0DEG  
Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203  
Humidity:65.0%  
Test Distance:2.500m [K=1.2866]  
Remarks: LAMP:SMD 3014 4000K 538mm 8W nw  
LENS:WHITE 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	1.04	1.04	1.04	1.00	1.00	1.00	.93	.93	.93	.87	.87	.87	.81	.81	.81	.78
1.0	.87	.82	.78	.84	.79	.75	.78	.74	.71	.72	.69	.67	.67	.65	.63	.60
2.0	.74	.67	.61	.72	.65	.60	.67	.61	.57	.62	.58	.54	.58	.54	.51	.48
3.0	.65	.57	.50	.62	.55	.49	.58	.52	.47	.54	.49	.44	.50	.46	.42	.40
4.0	.57	.48	.42	.55	.47	.41	.51	.44	.39	.48	.42	.37	.44	.40	.36	.33
5.0	.50	.42	.36	.49	.41	.35	.46	.39	.33	.43	.37	.32	.40	.35	.31	.28
6.0	.45	.37	.31	.44	.36	.30	.41	.34	.29	.38	.32	.28	.36	.31	.27	.25
7.0	.41	.33	.27	.40	.32	.27	.37	.30	.26	.35	.29	.25	.33	.28	.24	.22
8.0	.37	.29	.24	.36	.29	.24	.34	.27	.23	.32	.26	.22	.30	.25	.21	.19
9.0	.34	.26	.21	.33	.26	.21	.31	.25	.20	.29	.24	.20	.28	.23	.19	.17
10.0	.31	.24	.19	.30	.24	.19	.29	.23	.18	.27	.22	.18	.26	.21	.17	.16



C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Killua

Test Date:2015-01-24

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=1.2866]

Remarks: LAMP:SMD 3014 4000K 538mm 8W nw

LENS: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	200.3	200.1	201.5	201.3	200.3	203.0	204.9	202.6	0- 10	19.41	19.41	2.33,2.09
20	186.8	188.8	194.2	191.6	186.7	194.5	201.3	194.5	10- 20	55.85	75.26	9.04,8.09
30	165.9	172.1	183.0	176.7	165.6	180.2	193.8	181.1	20- 30	85.55	160.8	19.3,17.3
40	139.0	151.1	167.7	157.4	138.9	161.0	182.0	163.2	30- 40	105.2	266.0	32,28.6
50	108.9	127.4	149.7	135.3	108.4	138.5	166.0	142.2	40- 50	113.3	379.3	45.6,40.8
60	76.74	103.2	130.4	112.3	76.91	114.3	147.3	119.6	50- 60	110.1	489.4	58.8,52.6
70	45.14	80.14	110.2	90.00	45.58	90.56	127.0	97.15	60- 70	97.92	587.3	70.6,63.1
80	16.72	59.92	90.51	69.79	17.68	69.01	106.3	76.59	70- 80	80.11	667.4	80.2,71.7
90	1.415	43.91	72.35	52.83	1.729	51.42	86.35	58.99	80- 90	61.13	728.5	87.5,78.3
100	0.1655	32.47	57.15	39.86	0.1138	38.46	69.02	45.33	90-100	45.84	774.4	93,83.2
110	0	18.26	44.29	25.96	0	26.12	54.33	33.57	100-110	33.24	807.6	97,86.8
120	0	5.662	29.07	11.78	0	12.99	41.98	15.22	110-120	19.50	827.1	99.4,88.9
130	0	0	0	0.3281	0	0.5349	7.343	0.0740	120-130	4.991	832.1	100,89.4
140	0	0	0	0.0516	0	0.1492	0	0	130-140	0.1435	832.2	100,89.4
150	0	0	0	0	0	0	0	0	140-150	0.0071	832.2	100,89.4
160	0	0	0	0	0	0	0	0	150-160	0	832.2	100,89.4
170	0	0	0	0	0.0111	0.0133	0.0088	0.0167	160-170	0.0015	832.3	100,89.4
180	0	0	0	0	0	0	0	0	170-180	0.0003	832.3	100,89.4
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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Test Distance:2.500m [K=1.2866]  
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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	.343	.195	.062	.333	.190	.060	.314	.180	.058	.297	.172	.055	.282	.163	.053	
2.0	.298	.163	.050	.289	.159	.049	.272	.151	.047	.257	.144	.045	.243	.137	.043	
3.0	.265	.141	.042	.257	.138	.041	.242	.131	.040	.228	.125	.038	.215	.119	.037	
4.0	.239	.124	.036	.232	.121	.036	.218	.116	.035	.206	.110	.033	.194	.105	.032	
5.0	.217	.111	.032	.211	.108	.032	.199	.103	.030	.187	.099	.029	.177	.094	.028	
6.0	.199	.100	.029	.193	.098	.028	.182	.093	.027	.172	.089	.026	.162	.085	.025	
7.0	.184	.091	.026	.178	.089	.025	.168	.085	.025	.159	.081	.024	.150	.078	.023	
8.0	.171	.083	.023	.166	.082	.023	.156	.078	.022	.148	.075	.022	.140	.072	.021	
9.0	.159	.077	.021	.155	.075	.021	.146	.072	.020	.138	.069	.020	.131	.066	.019	
10.0	.149	.071	.020	.145	.070	.020	.137	.067	.019	.130	.064	.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	.255	.255	.255	.218	.218	.218	.149	.149	.149	.086	.086	.086	.027	.027	.027	
1.0	.251	.225	.201	.215	.193	.173	.147	.133	.119	.085	.077	.069	.027	.025	.022	
2.0	.245	.204	.169	.210	.176	.146	.144	.121	.102	.083	.071	.060	.027	.023	.020	
3.0	.238	.189	.150	.204	.163	.130	.140	.113	.091	.081	.066	.054	.026	.021	.018	
4.0	.231	.178	.137	.198	.154	.119	.136	.107	.084	.079	.063	.050	.025	.020	.016	
5.0	.224	.169	.128	.193	.146	.111	.133	.102	.079	.077	.060	.047	.025	.020	.015	
6.0	.218	.162	.121	.187	.140	.106	.129	.098	.075	.075	.058	.044	.024	.019	.015	
7.0	.211	.156	.117	.182	.135	.102	.126	.095	.072	.073	.056	.043	.024	.018	.014	
8.0	.205	.151	.113	.177	.131	.099	.122	.092	.070	.071	.054	.042	.023	.018	.014	
9.0	.200	.146	.110	.172	.127	.096	.119	.089	.068	.069	.053	.041	.022	.017	.013	
10.0	.194	.142	.108	.167	.124	.094	.116	.087	.067	.068	.051	.040	.022	.017	.013	

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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=1.2866]  
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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	20.9	22.3	21.3	22.7	23.2	23.1	24.6	23.6	25.0	25.4
3H	22.3	23.6	22.8	24.1	24.6	25.6	27.0	26.1	27.4	27.9
4H	22.9	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	25.5	28.6	29.8	29.1	30.3	30.8
8H	23.3	24.5	23.9	25.0	25.6	29.4	30.6	29.9	31.1	31.6
12H	23.4	24.5	23.9	25.0	25.6	30.4	31.5	30.9	32.0	32.6
4H 2H	21.9	23.2	22.4	23.7	24.2	23.6	24.9	24.1	25.4	25.9
3H	23.6	24.7	24.1	25.2	25.8	26.4	27.5	26.9	28.0	28.6
4H	24.3	25.3	24.9	25.9	26.5	28.0	29.0	28.6	29.6	30.2
6H	24.9	25.8	25.5	26.4	27.0	29.8	30.7	30.3	31.2	31.9
8H	25.1	25.9	25.7	26.5	27.2	30.7	31.6	31.3	32.2	32.8
12H	25.2	26.0	25.8	26.6	27.3	31.8	32.6	32.5	33.2	33.9
8H 4H	25.3	26.2	25.9	26.7	27.4	28.3	29.2	28.9	29.7	30.4
6H	26.2	26.9	26.8	27.6	28.2	30.4	31.1	31.0	31.7	32.4
8H	26.6	27.3	27.2	27.9	28.6	31.6	32.2	32.2	32.8	33.6
12H	26.9	27.5	27.6	28.1	28.9	32.9	33.5	33.6	34.2	34.9
12H 4H	25.6	26.5	26.3	27.0	27.7	28.3	29.1	28.9	29.7	30.4
6H	26.8	27.4	27.4	28.1	28.8	30.5	31.1	31.1	31.7	32.5
8H	27.3	27.9	28.0	28.5	29.3	31.8	32.3	32.4	33.0	33.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 930.5 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.3)

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## UTILIZATION FACTORS TABLE

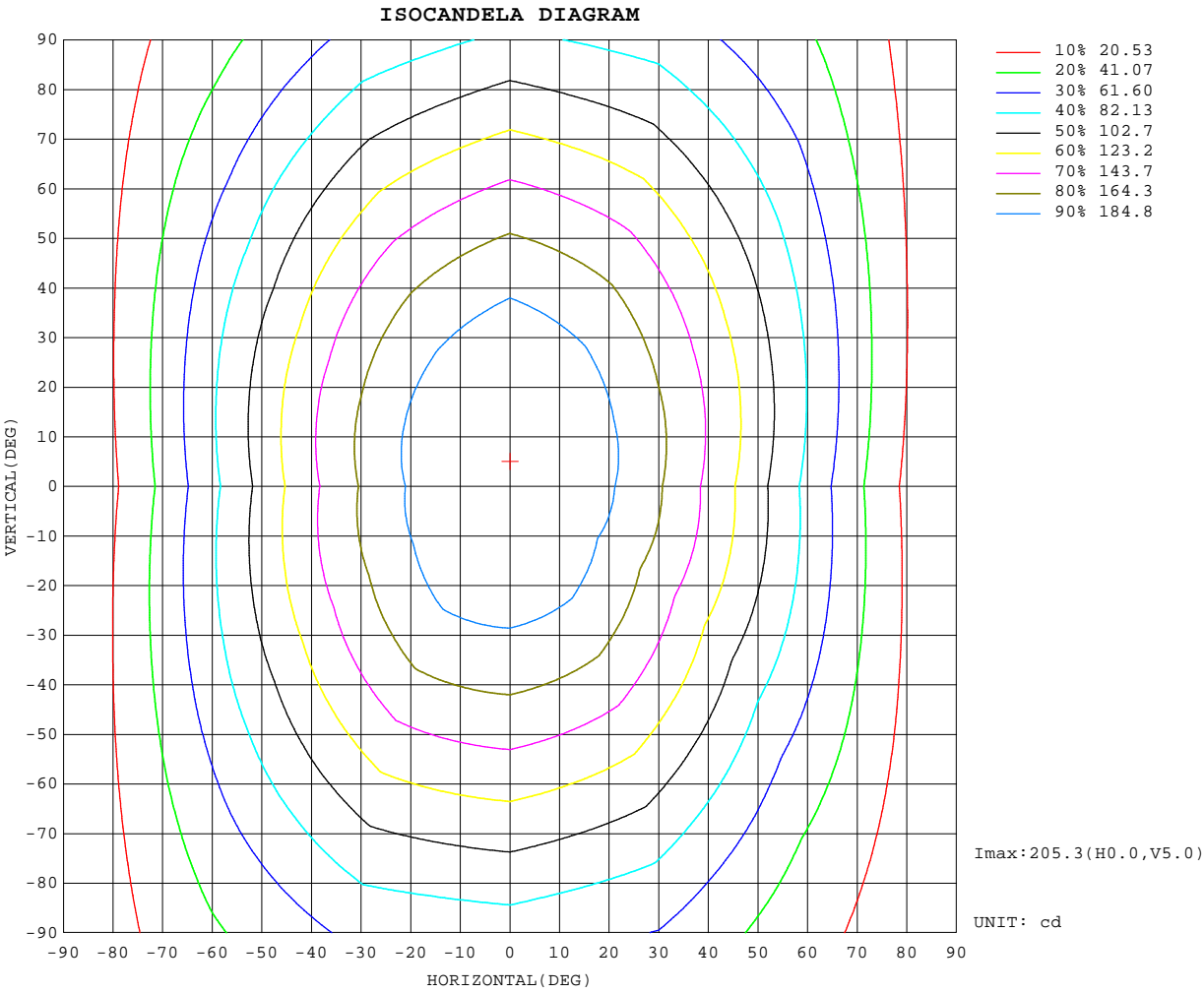
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	33	27	44	33	27	42	33	27	21
0.80	53	41	34	52	41	34	49	40	33	27
1.00	60	48	41	58	48	40	56	48	40	32
1.25	66	55	47	64	54	47	61	52	46	38
1.50	70	60	52	68	58	51	65	56	50	42
2.00	77	67	60	75	66	59	70	63	57	48
2.50	81	72	65	78	70	64	73	67	61	51
3.00	84	76	69	81	74	68	76	70	65	55
4.00	88	81	76	85	79	74	80	75	70	59
5.00	91	85	80	88	82	78	82	77	74	62
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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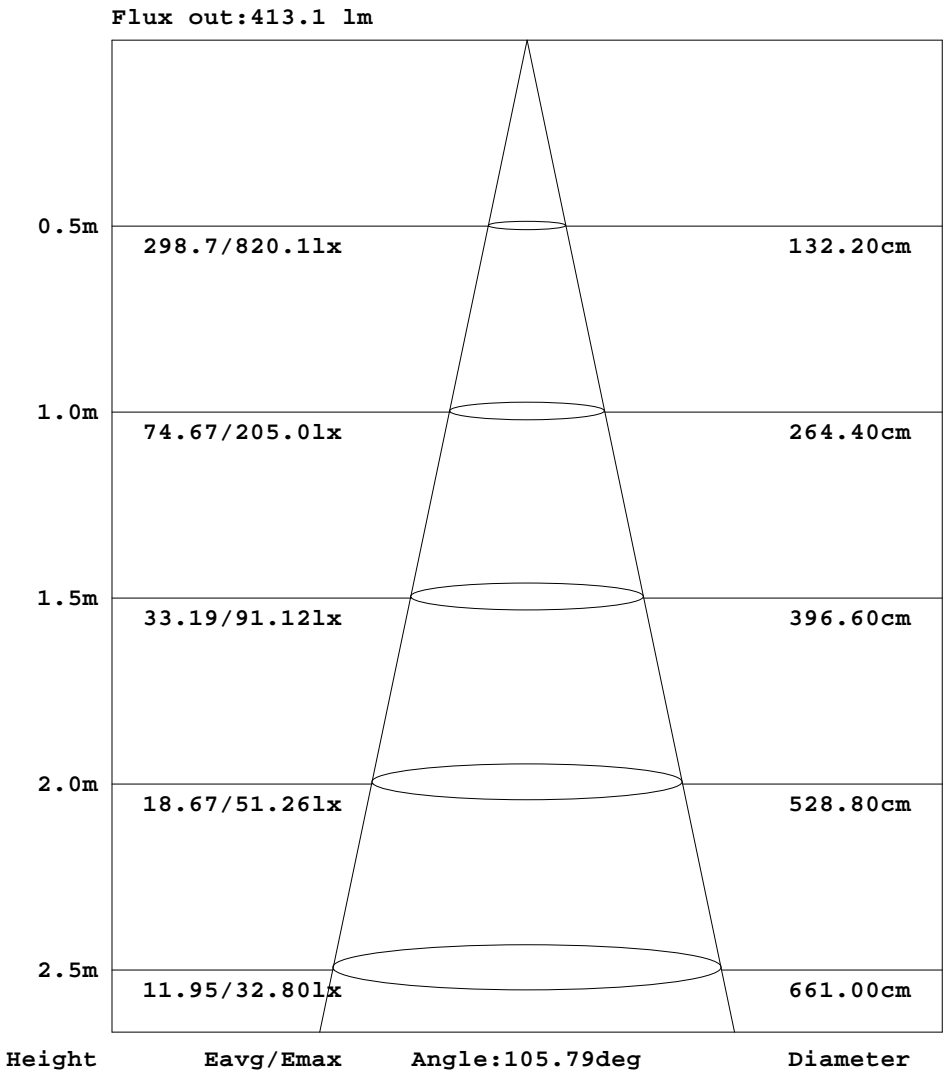
ISOCANDELA DIAGRAM



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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(°) g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	205	205	205	205	205	205	205	205	205	205	205	205						
5	204	203	204	204	204	204	204	205	205	205	205	204						
10	200	199	201	201	202	201	200	203	204	205	203	202						
15	195	193	197	198	199	196	195	198	201	203	201	198						
20	187	186	192	194	194	189	187	192	197	201	197	192						
25	177	177	186	189	189	181	177	184	192	198	193	184						
30	166	166	178	183	182	171	166	175	186	194	187	175						
35	153	154	170	176	174	161	153	164	178	188	180	165						
40	139	142	160	168	166	149	139	152	170	182	172	154						
45	124	128	150	159	156	137	124	140	160	175	164	142						
50	109	115	140	150	146	124	108	127	151	166	154	130						
55	92.9	101	129	140	136	111	92.6	113	140	157	144	118						
60	76.7	87.8	119	130	126	98.7	76.9	99.4	129	147	134	105						
65	60.7	74.8	108	120	115	86.6	61.0	86.1	118	137	124	92.8						
70	45.1	62.7	97.5	110	105	74.9	45.6	73.4	108	127	113	81.1						
75	30.2	51.7	87.5	100	95.0	64.2	30.9	61.5	97.2	117	103	70.0						
80	16.7	41.9	78.0	90.5	85.1	54.4	17.7	50.8	87.2	106	93.0	60.2						
85	6.12	33.6	69.2	81.1	76.0	45.8	7.16	41.5	77.8	96.1	83.6	51.2						
90	1.42	26.9	60.9	72.4	67.3	38.3	1.73	33.8	69.0	86.3	74.5	43.5						
95	0.61	21.9	53.6	64.5	59.6	32.1	0.56	27.7	61.0	77.4	66.3	37.1						
100	0.17	17.8	47.1	57.2	52.5	27.2	0.11	23.1	53.8	69.0	58.8	31.9						
105	0.07	9.96	41.2	50.6	46.2	21.8	0.00	19.7	47.4	61.3	52.1	27.6						
110	0.00	1.25	35.3	44.3	40.0	11.9	0.00	10.5	41.7	54.3	45.9	21.2						
115	0.00	0.78	29.7	37.8	34.1	1.70	0.00	1.86	36.5	47.9	40.4	3.57						
120	0.00	0.36	11.0	29.1	22.4	1.12	0.00	1.15	24.8	42.0	30.0	0.40						
125	0.00	0.15	0.05	5.56	1.09	0.70	0.00	0.72	5.28	29.7	8.05	0.08						
130	0.00	0.00	0.00	0.00	0.29	0.37	0.00	0.49	0.58	7.34	0.00	0.15						
135	0.00	0.00	0.00	0.00	0.10	0.22	0.00	0.29	0.35	0.00	0.00	0.02						
140	0.00	0.00	0.00	0.00	0.05	0.06	0.00	0.15	0.15	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.00	0.00	0.00						
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
165	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.03	0.01	0.02	0.01						
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Killua  
 Test Date:2015-01-24

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=1.2866]  
 Remarks: LAMP:SMD 3014 4000K 538mm 8W nw  
 LENS: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	204.9	204.9	204.9	204.9	204.9	204.9	204.9	204.9	204.9	204.9
3.0	204.5	204.0	204.3	204.2	204.6	204.3	204.5	205.1	205.1	205.3
6.0	203.2	202.4	203.2	203.3	203.8	203.2	203.3	204.4	204.8	205.3
9.0	201.3	200.1	201.7	202.0	202.5	201.3	201.2	203.1	203.9	205.0
12.0	198.3	197.1	199.7	200.3	200.8	198.7	198.2	201.1	202.7	204.4
15.0	194.6	193.3	197.1	198.3	198.7	195.5	194.5	198.3	200.9	203.5
18.0	190.3	188.9	194.2	196.0	196.2	191.8	190.0	194.8	198.7	202.3
21.0	185.0	184.0	190.8	193.3	193.3	187.4	184.8	190.8	196.1	200.8
24.0	179.3	178.6	187.0	190.2	190.0	182.4	179.0	186.0	193.1	198.7
27.0	173.0	172.4	182.9	186.8	186.2	177.1	172.6	180.6	189.6	196.5
30.0	165.9	166.0	178.3	183.0	182.1	171.3	165.6	174.7	185.6	193.8
33.0	158.3	159.1	173.3	178.8	177.5	164.9	158.0	168.4	181.4	190.7
36.0	150.4	151.7	168.0	174.4	172.7	158.4	150.1	161.8	176.6	187.3
39.0	142.0	144.3	162.4	169.5	167.6	151.4	141.7	154.8	171.5	183.4
42.0	133.2	136.5	156.5	164.4	162.0	144.2	133.0	147.3	166.1	179.1
45.0	124.2	128.3	150.4	159.0	156.2	136.8	124.1	139.6	160.4	174.5
48.0	115.0	120.2	144.3	153.5	150.3	129.3	114.7	131.8	154.6	169.5
51.0	105.7	112.1	137.9	147.8	144.3	121.7	105.4	123.8	148.4	164.2
54.0	96.13	103.8	131.4	142.1	138.2	114.0	95.81	115.7	142.0	158.9
57.0	86.32	95.81	125.0	136.3	132.0	106.5	86.37	107.6	135.6	153.2
60.0	76.74	87.81	118.6	130.4	125.8	98.71	76.91	99.39	129.1	147.3
63.0	67.15	79.93	112.3	124.4	119.6	91.20	67.32	91.40	122.7	141.3
66.0	57.58	72.31	105.9	118.3	113.3	84.18	57.84	83.49	116.2	135.2
69.0	48.20	65.08	99.67	112.2	107.1	77.18	48.59	75.83	109.8	129.1
72.0	39.06	58.03	93.46	106.2	100.9	70.58	39.64	68.50	103.4	122.9
75.0	30.21	51.70	87.52	100.2	95.01	64.17	30.91	61.48	97.18	116.7
78.0	21.85	45.68	81.71	94.33	89.12	58.20	22.70	54.92	91.14	110.4
81.0	14.32	40.07	76.17	88.59	83.22	52.59	15.26	48.81	85.29	104.3
84.0	7.841	35.15	70.90	82.98	77.78	47.47	8.909	43.28	79.69	98.23
87.0	3.426	30.72	65.80	77.53	72.47	42.68	4.262	38.16	74.20	92.19
90.0	1.415	26.90	60.89	72.35	67.33	38.33	1.729	33.82	69.00	86.35
93.0	0.7571	23.71	56.45	67.54	62.55	34.49	0.8727	29.88	64.18	80.83
96.0	0.4594	21.11	52.24	62.95	58.12	31.07	0.4122	26.71	59.53	75.69
99.0	0.2420	18.67	48.34	58.57	53.87	28.07	0.1563	23.96	55.17	70.65
102.0	0.1125	16.34	44.67	54.46	49.89	25.16	0.0191	21.61	51.23	65.79
105.0	0.0655	9.962	41.22	50.63	46.19	21.83	0	19.74	47.44	61.35
108.0	0	1.903	37.72	46.91	42.63	18.77	0	15.86	43.91	56.94
111.0	0	1.100	34.04	42.86	38.56	7.710	0	7.301	40.63	52.99
114.0	0	0.8783	31.11	38.83	34.82	1.873	0	2.248	37.56	49.14
117.0	0	0.6050	24.12	35.99	31.96	1.461	0	1.486	33.46	45.51
120.0	0	0.3591	10.96	29.07	22.43	1.119	0	1.150	24.82	41.98
123.0	0	0.2138	0.9867	15.55	7.886	0.8158	0	0.8733	12.36	36.43
126.0	0	0.1027	0	1.972	0.5282	0.6006	0	0.6332	3.159	25.42
129.0	0	0.0219	0	0	0.3092	0.4497	0	0.5376	0.7156	11.40
132.0	0	0	0	0	0.2190	0.2899	0	0.4235	0.4538	2.124
135.0	0	0	0	0	0.1017	0.2161	0	0.2921	0.3489	0
138.0	0	0	0	0	0.0683	0.1194	0	0.1817	0.2458	0
141.0	0	0	0	0	0.0063	0.0353	0	0.1132	0.1289	0
144.0	0	0	0	0	0	0	0	0.0624	0.0903	0
147.0	0	0	0	0	0	0	0	0.0310	0.0126	0
150.0	0	0	0	0	0	0	0	0	0	0
153.0	0	0	0	0	0	0	0	0	0	0
156.0	0	0	0	0	0	0	0	0	0	0
159.0	0	0	0	0	0	0	0	0	0	0
162.0	0	0	0	0	0	0	0	0	0	0
165.0	0	0	0	0	0	0	0.0110	0.0093	0	0
168.0	0	0	0	0	0	0	0.0072	0.0583	0.0202	0.0127
171.0	0	0	0	0	0	0	0.0037	0	0.0052	0.0479
174.0	0	0	0	0	0	0	0	0	0	0.0103
177.0	0	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	330.0								
0.0	204.9	204.9								
3.0	204.9	204.7								
6.0	204.6	203.9								
9.0	203.7	202.5								
12.0	202.6	200.3								
15.0	201.0	197.6								
18.0	199.0	194.2								
21.0	196.6	190.2								
24.0	193.7	185.7								
27.0	190.5	180.7								
30.0	187.0	175.3								

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Killua  
Test Date:2015-01-24

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=1.2866]  
Remarks: LAMP:SMD 3014 4000K 538mm 8W nw  
LENS:WHITE PC  
30minutes warm-up

Photometric Data Table [cd]

33.0	183.0	169.3
36.0	178.8	163.0
39.0	174.1	156.3
42.0	169.0	149.6
45.0	163.7	142.3
48.0	158.2	135.0
51.0	152.4	127.6
54.0	146.4	120.1
57.0	140.3	112.6
60.0	134.0	105.1
63.0	127.8	97.71
66.0	121.5	90.42
69.0	115.4	83.36
72.0	109.2	76.64
75.0	103.0	69.98
78.0	96.98	64.04
81.0	91.09	58.16
84.0	85.45	52.87
87.0	79.90	47.98
90.0	74.52	43.46
93.0	69.45	39.53
96.0	64.79	35.90
99.0	60.25	32.87
102.0	56.00	30.07
105.0	52.06	27.57
108.0	48.30	25.06
111.0	44.72	18.09
114.0	41.45	6.306
117.0	37.76	1.012
120.0	30.04	0.3966
123.0	17.18	0.1035
126.0	4.621	0.0485
129.0	0.1877	0.1118
132.0	0	0.0851
135.0	0	0.0231
138.0	0	0
141.0	0	0
144.0	0	0
147.0	0	0
150.0	0	0
153.0	0	0
156.0	0	0
159.0	0	0
162.0	0	0
165.0	0.0010	0
168.0	0.0546	0.0540
171.0	0	0.0467
174.0	0	0
177.0	0	0
180.0	0	0

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Killua  
Test Date:2015-01-24

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=1.2866]  
Remarks: LAMP:SMD 3014 4000K 538mm 8W nw  
LENS:WHITE PC  
30minutes warm-up