

Luminaire Photograph

202 026 102 02 DOWN LIGHT 3000K 8W
Hera GmbH & Co. KG



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-01-23

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 3000K 538mm 8W ww
LANS:WHITE PC
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

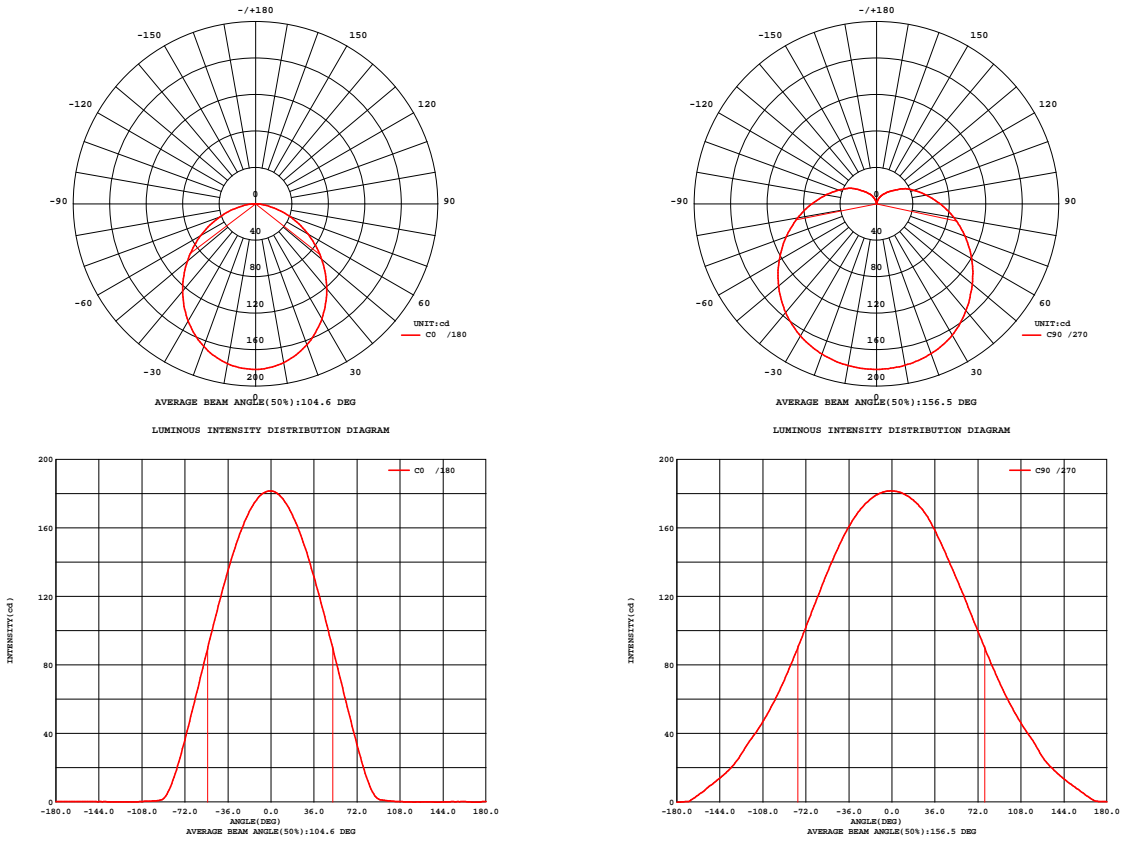


Fig. C0/C180

Fig. C90/C270

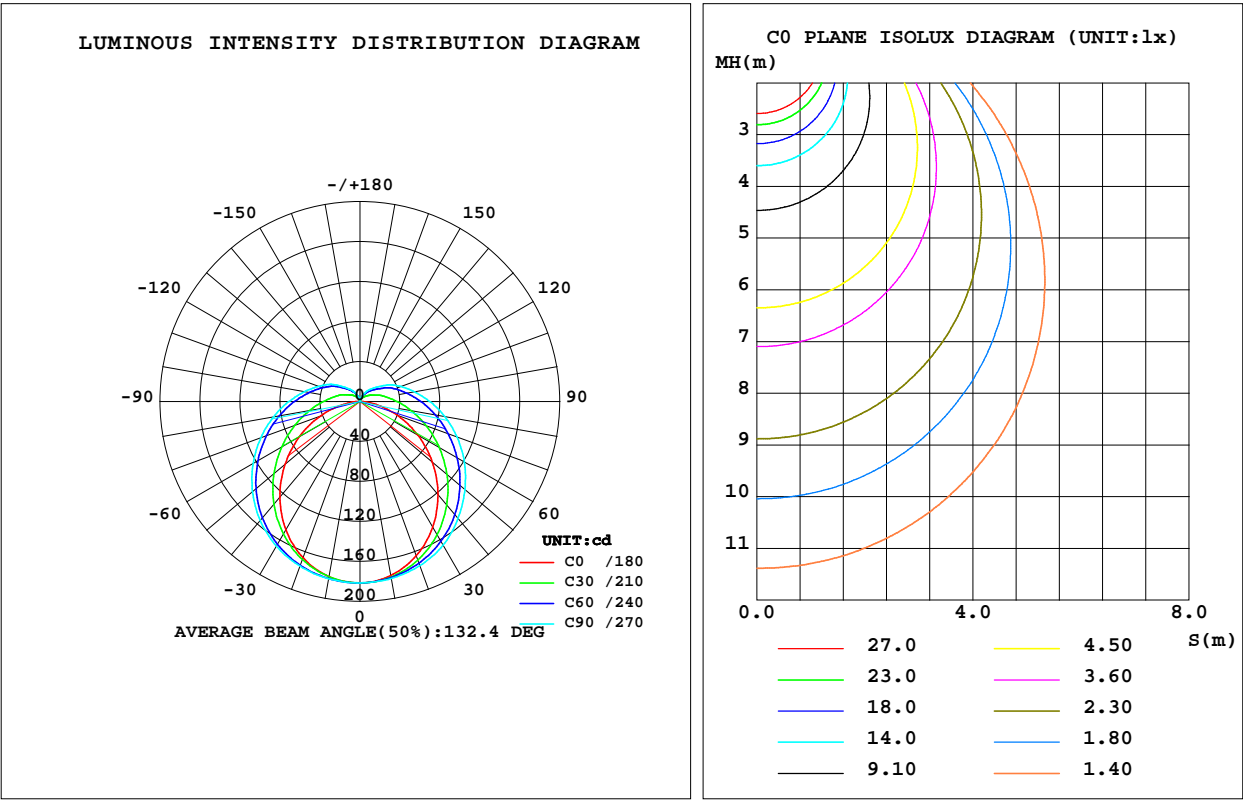
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LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.8V I:0.0392A P:7.597W PF:0.8406 Lamp Flux:834.8x1 lm		
NAME: 202 026 102 02	TYPE:DOWN LIGHT	WEIGHT:
DIMENSION:	SPECIFICATION:3000K 8W	SERIAL No.:1501236520
MANUFACTURER: Hera GmbH & Co. KG	SURFACE:0.0106m2	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.73 lm/W			
MODEL	SMD 3014	Imax(cd)	181.6	S/MH(C0/180)	1.22
NOMINAL POWER(W)	8	EFFICIENCY(%)	91.7	S/MH(C90/270)	1.38
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	765.23	h UP(C0-180)	7.5
NOMINAL FLUX(lm)	834.78	CIE CLASS	SEMI-D.	h DN(C0-180)	39.0
LAMPS INSIDE	1	h up(%)	14.6	h UP(C180-360)	7.1
TEST VOLTAGE(V)	230.8	h down(%)	77.1	h DN(C180-360)	38.1

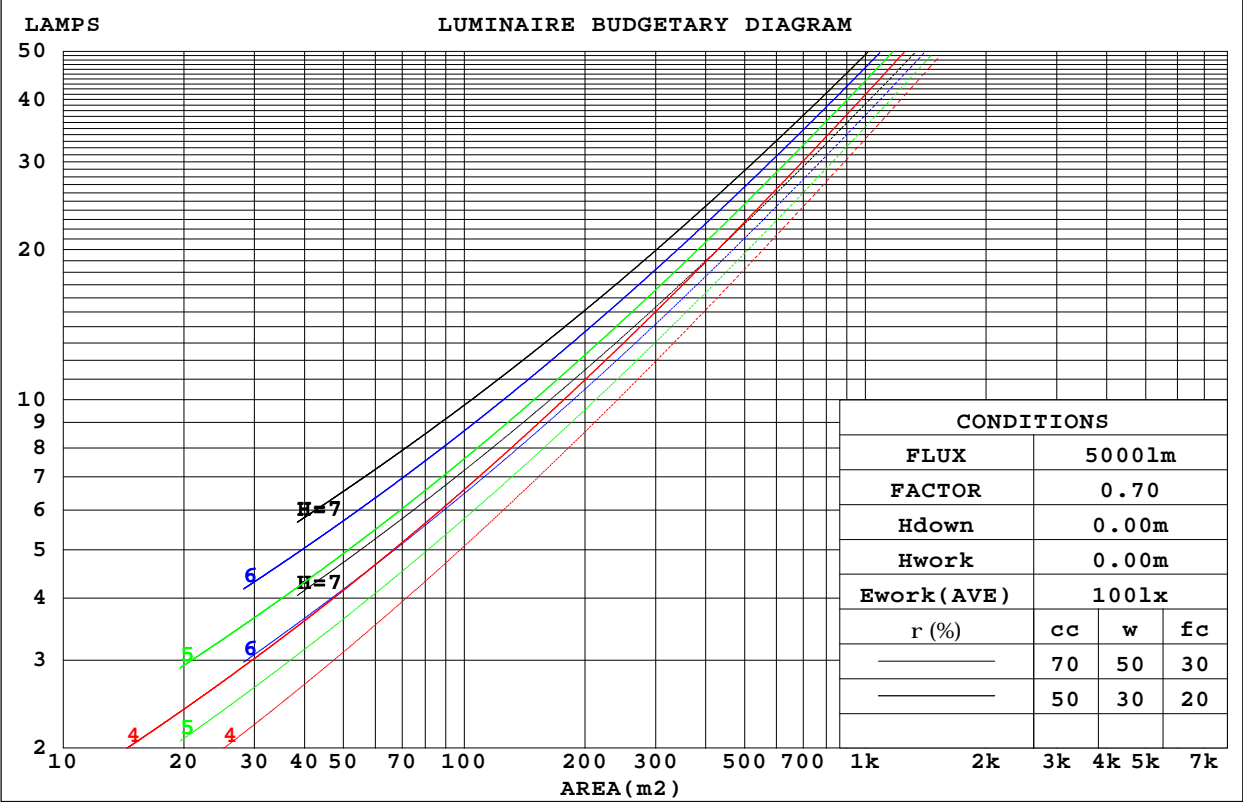


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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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	1.06	1.06	1.06	1.02	1.02	1.02	.94	.94	.94	.87	.87	.87	.80	.80	.80	.77
1.0	.88	.84	.79	.85	.81	.77	.78	.75	.71	.72	.69	.67	.66	.64	.62	.59
2.0	.76	.69	.63	.73	.66	.61	.67	.62	.57	.62	.57	.54	.57	.53	.50	.47
3.0	.66	.58	.51	.63	.56	.50	.58	.52	.47	.54	.49	.44	.50	.45	.42	.39
4.0	.58	.49	.43	.56	.48	.42	.52	.45	.39	.48	.42	.37	.44	.39	.35	.33
5.0	.51	.43	.36	.50	.42	.36	.46	.39	.34	.43	.37	.32	.39	.34	.30	.28
6.0	.46	.38	.31	.44	.37	.31	.41	.34	.29	.38	.32	.28	.36	.31	.27	.24
7.0	.42	.33	.28	.40	.32	.27	.37	.31	.26	.35	.29	.25	.32	.27	.23	.21
8.0	.38	.30	.24	.37	.29	.24	.34	.28	.23	.32	.26	.22	.30	.25	.21	.19
9.0	.35	.27	.22	.34	.26	.21	.31	.25	.21	.29	.24	.20	.27	.22	.19	.17
10.0	.32	.25	.20	.31	.24	.19	.29	.23	.19	.27	.22	.18	.25	.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	178.0	179.0	180.0	178.6	176.9	178.6	179.8	178.4	0- 10	17.19	17.19	2.25,2.06
20	166.5	171.4	175.3	170.0	164.3	170.6	174.8	169.4	10- 20	49.46	66.65	8.71,7.98
30	148.5	159.1	167.3	156.4	145.5	157.9	166.2	154.7	20- 30	75.75	142.4	18.6,17.1
40	124.8	142.9	155.4	138.7	121.5	141.4	152.7	135.2	30- 40	93.00	235.4	30.8,28.2
50	97.92	124.1	140.4	118.4	94.69	122.1	137.1	113.5	40- 50	99.84	335.2	43.8,40.2
60	69.69	104.0	123.3	96.99	66.61	101.8	120.7	92.20	50- 60	96.91	432.2	56.5,51.8
70	41.48	84.32	105.4	76.28	38.87	82.02	103.2	72.90	60- 70	86.24	518.4	67.7,62.1
80	16.63	66.37	87.71	57.91	14.64	64.12	86.07	55.26	70- 80	70.77	589.2	77,70.6
90	1.953	51.27	71.15	43.23	1.716	49.19	69.96	40.79	80- 90	54.31	643.5	84.1,77.1
100	0.5462	39.34	56.74	32.47	0.6141	37.47	55.88	30.34	90-100	40.94	684.4	89.4,82
110	0.2234	30.21	44.51	24.23	0.2165	28.33	43.99	22.24	100-110	30.43	714.9	93.4,85.6
120	0.1078	22.31	34.56	18.00	0	20.08	33.56	15.57	110-120	21.45	736.3	96.2,88.2
130	0.1457	15.52	23.74	12.53	0.0783	13.96	22.77	11.08	120-130	13.85	750.2	98,89.9
140	0.2019	10.87	16.31	8.531	0	9.632	15.91	7.461	130-140	8.317	758.5	99.1,90.9
150	0.2233	6.749	10.61	5.163	0.1639	6.004	10.32	4.503	140-150	4.512	763.0	99.7,91.4
160	0.2720	2.890	5.057	2.000	0.2563	2.375	5.274	1.611	150-160	1.853	764.8	99.9,91.6
170	0.2640	0.3230	0.3645	0.0788	0	0.2367	0.5797	0.4281	160-170	0.3721	765.2	100,91.7
180	0.2937	0.1817	0	0.3156	0.2939	0.1565	0.0524	0.3247	170-180	0.0210	765.2	100,91.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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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	.347	.197	.063	.336	.192	.061	.315	.181	.058	.296	.171	.055	.279	.161	.052	
2.0	.302	.165	.051	.292	.161	.050	.273	.152	.047	.256	.144	.045	.240	.136	.043	
3.0	.269	.143	.043	.260	.139	.042	.243	.132	.040	.227	.125	.038	.213	.118	.036	
4.0	.242	.126	.037	.234	.123	.036	.219	.116	.035	.205	.110	.033	.192	.104	.032	
5.0	.221	.112	.033	.213	.110	.032	.199	.104	.031	.187	.098	.029	.175	.093	.028	
6.0	.202	.101	.029	.196	.099	.028	.183	.094	.027	.171	.089	.026	.160	.084	.025	
7.0	.187	.092	.026	.181	.090	.026	.169	.086	.025	.158	.081	.024	.148	.077	.023	
8.0	.173	.085	.024	.168	.083	.023	.157	.079	.022	.147	.075	.022	.138	.071	.021	
9.0	.162	.078	.022	.157	.076	.021	.147	.073	.021	.138	.069	.020	.129	.066	.019	
10.0	.151	.073	.020	.147	.071	.020	.138	.067	.019	.129	.064	.018	.121	.061	.018	

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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	.286	.286	.286	.244	.244	.244	.167	.167	.167	.096	.096	.096	.031	.031	.031	
1.0	.282	.255	.230	.241	.219	.198	.165	.150	.137	.095	.087	.080	.030	.028	.026	
2.0	.275	.234	.198	.236	.201	.172	.162	.139	.120	.093	.081	.070	.030	.026	.023	
3.0	.268	.218	.178	.230	.188	.155	.158	.131	.109	.091	.076	.064	.029	.025	.021	
4.0	.261	.207	.165	.224	.179	.144	.154	.125	.101	.089	.073	.060	.029	.024	.020	
5.0	.254	.198	.156	.218	.171	.136	.150	.120	.096	.087	.070	.057	.028	.023	.019	
6.0	.247	.190	.150	.213	.165	.130	.147	.115	.092	.085	.068	.055	.027	.022	.018	
7.0	.241	.184	.145	.207	.160	.126	.143	.112	.089	.083	.066	.053	.027	.022	.018	
8.0	.235	.179	.141	.202	.155	.123	.140	.109	.087	.081	.064	.052	.026	.021	.017	
9.0	.229	.175	.138	.197	.152	.121	.137	.107	.086	.080	.063	.051	.026	.021	.017	
10.0	.224	.171	.136	.193	.148	.119	.134	.104	.084	.078	.062	.050	.025	.020	.017	

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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	21.4	22.7	23.3	23.1	24.5	23.6	25.0	25.5
3H	22.4	23.6	22.9	24.1	24.7	25.7	27.0	26.2	27.5	28.0
4H	23.0	24.2	23.5	24.7	25.3	27.1	28.3	27.6	28.8	29.4
6H	23.4	24.6	24.0	25.1	25.7	28.6	29.8	29.2	30.3	30.9
8H	23.5	24.7	24.1	25.2	25.8	29.5	30.6	30.0	31.1	31.8
12H	23.6	24.7	24.2	25.3	25.9	30.4	31.5	31.0	32.1	32.7
4H 2H	22.1	23.3	22.6	23.8	24.4	23.7	24.9	24.2	25.4	26.0
3H	23.8	24.9	24.4	25.5	26.1	26.5	27.6	27.1	28.2	28.8
4H	24.7	25.6	25.3	26.2	26.9	28.1	29.1	28.7	29.7	30.4
6H	25.3	26.2	26.0	26.8	27.5	29.9	30.8	30.5	31.4	32.1
8H	25.6	26.4	26.2	27.0	27.8	30.9	31.7	31.5	32.3	33.0
12H	25.8	26.5	26.4	27.2	27.9	32.0	32.7	32.6	33.4	34.1
8H 4H	25.8	26.6	26.4	27.2	27.9	28.5	29.3	29.1	29.9	30.7
6H	26.9	27.6	27.5	28.2	29.0	30.6	31.3	31.2	31.9	32.7
8H	27.4	28.0	28.0	28.7	29.4	31.8	32.4	32.5	33.1	33.9
12H	27.8	28.3	28.5	29.0	29.8	33.1	33.7	33.8	34.4	35.2
12H 4H	26.1	26.9	26.8	27.5	28.3	28.5	29.3	29.2	29.9	30.7
6H	27.4	28.1	28.1	28.7	29.5	30.7	31.3	31.4	32.0	32.8
8H	28.1	28.7	28.8	29.4	30.2	32.0	32.6	32.7	33.3	34.1
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 / - 0.4				

CIE Pub.117 Corrected 834.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.6)

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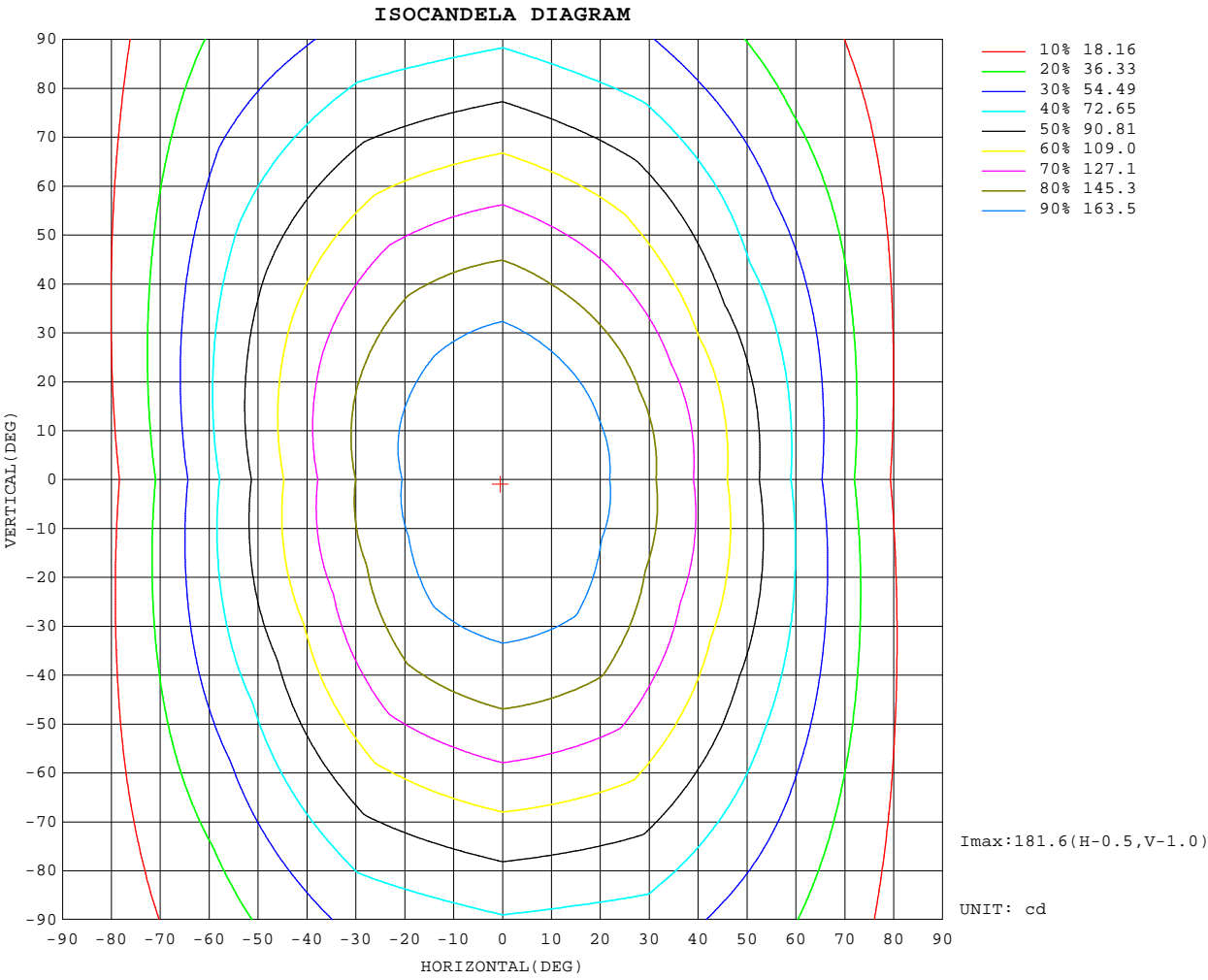
UTILIZATION FACTORS TABLE

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	26	20
0.80	53	42	34	52	41	34	50	40	33	26
1.00	60	49	41	59	48	41	56	48	40	32
1.25	67	55	48	65	54	47	61	52	46	37
1.50	71	60	53	69	59	52	65	56	50	41
2.00	78	68	61	75	66	59	70	63	57	47
2.50	82	73	66	79	71	64	74	67	61	50
3.00	85	77	70	82	75	69	77	70	65	54
4.00	90	83	77	86	80	75	80	75	70	58
5.00	92	86	81	89	83	79	82	78	74	61
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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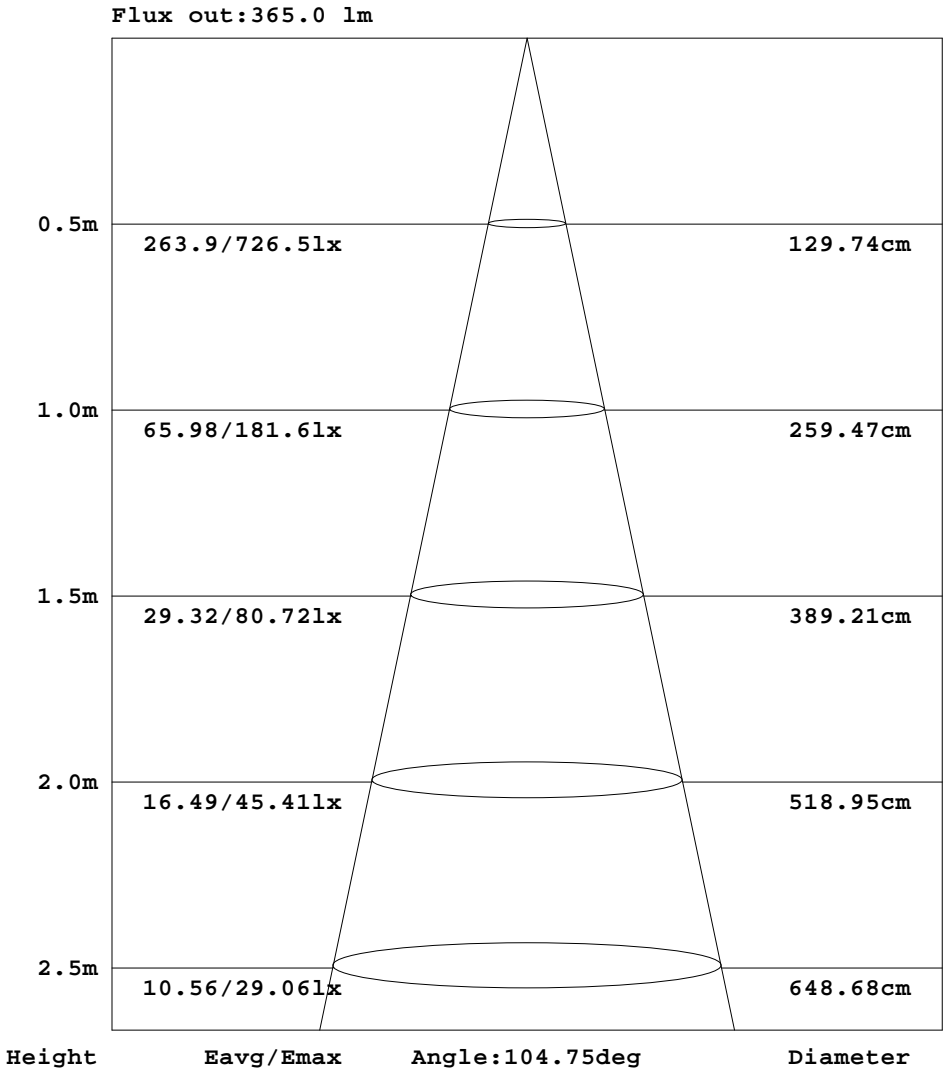
ISOCANDELA DIAGRAM



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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	182	182	182	182	182	182	182	182	182	182	182	182						
5	181	181	181	181	181	180	180	181	181	181	181	181						
10	178	178	180	180	180	178	177	178	179	180	178	178						
15	173	174	178	178	177	173	172	174	176	178	175	174						
20	166	168	174	175	173	167	164	169	172	175	171	168						
25	158	161	170	172	168	159	156	162	168	171	165	160						
30	148	153	165	167	163	150	145	154	162	166	158	151						
35	137	144	159	162	156	140	134	145	155	160	150	141						
40	125	134	152	155	148	129	121	135	148	153	141	129						
45	112	123	144	148	140	118	108	125	140	145	132	117						
50	97.9	113	136	140	131	106	94.7	114	131	137	123	104						
55	83.8	101	127	132	122	93.9	80.7	103	122	129	114	91.5						
60	69.7	90.1	118	123	112	82.0	66.6	91.5	112	121	105	79.2						
65	55.5	79.5	109	115	103	70.4	52.7	80.7	103	112	96.1	68.5						
70	41.5	69.1	99.5	105	93.1	59.5	38.9	70.4	93.7	103	87.1	58.7						
75	28.4	59.6	90.5	96.5	84.1	49.3	26.1	60.6	84.9	94.6	78.5	49.1						
80	16.6	50.9	81.8	87.7	75.4	40.4	14.6	51.8	76.4	86.1	70.3	40.2						
85	7.27	43.3	73.4	79.3	67.4	32.7	5.94	44.1	68.4	77.8	62.5	32.5						
90	1.95	36.8	65.7	71.1	59.8	26.7	1.72	37.3	61.0	70.0	55.4	26.1						
95	0.85	31.4	58.4	63.6	52.8	21.8	0.95	31.6	54.3	62.6	49.0	21.3						
100	0.55	26.9	51.8	56.7	46.7	18.3	0.61	26.9	48.0	55.9	43.1	17.6						
105	0.44	23.2	45.8	50.3	41.0	15.6	0.33	23.0	42.5	49.6	37.8	14.6						
110	0.22	20.0	40.4	44.5	36.1	12.3	0.22	19.2	37.4	44.0	33.1	11.3						
115	0.10	16.2	35.5	39.3	31.7	10.2	0.04	15.3	32.9	38.8	28.6	9.44						
120	0.11	13.6	31.0	34.6	27.3	8.70	0.00	12.9	27.3	33.6	23.1	8.07						
125	0.14	11.6	25.8	29.1	22.3	7.55	0.00	11.0	22.4	27.5	19.3	6.74						
130	0.15	9.98	21.1	23.7	18.6	6.47	0.08	9.07	18.8	22.8	16.4	5.79						
135	0.17	8.50	17.7	19.7	15.6	5.15	0.02	7.54	15.8	19.1	13.7	4.73						
140	0.20	7.01	14.7	16.3	13.0	4.09	0.00	6.23	13.0	15.9	11.4	3.49						
145	0.17	5.33	12.1	13.4	10.7	2.94	0.13	5.01	10.5	13.1	9.39	2.72						
150	0.22	3.83	9.66	10.6	8.46	1.87	0.16	3.70	8.30	10.3	7.21	1.79						
155	0.21	2.44	7.25	7.86	5.90	0.80	0.12	2.35	6.03	7.84	4.81	0.85						
160	0.27	1.05	4.73	5.06	3.83	0.17	0.26	1.00	3.75	5.27	2.94	0.28						
165	0.29	0.27	2.33	2.58	1.79	0.16	0.00	0.24	1.66	2.73	1.16	0.40						
170	0.26	0.30	0.35	0.36	0.16	0.00	0.00	0.08	0.40	0.58	0.42	0.44						
175	0.33	0.30	0.28	0.08	0.00	0.00	0.00	0.00	0.17	0.37	0.35	0.40						
180	0.29	0.31	0.05	0.00	0.31	0.32	0.29	0.31	0.00	0.05	0.33	0.32						

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Killua
 Test Date:2015-01-23

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 3000K 538mm 8W 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	181.5	181.5	181.5	181.5	181.5	181.5	181.5	181.5	181.5	181.5
3.0	181.3	181.1	181.5	181.4	181.4	181.1	181.0	181.2	181.1	181.3
6.0	180.3	180.2	181.1	181.0	181.0	180.0	179.6	180.5	180.4	180.8
9.0	178.8	178.8	180.3	180.3	180.0	178.3	177.7	179.1	179.3	180.2
12.0	176.2	176.6	179.1	179.5	178.7	176.0	174.9	176.9	177.8	179.1
15.0	173.2	173.9	177.7	178.3	177.0	173.1	171.5	174.4	176.1	177.7
18.0	169.4	170.8	175.9	176.6	174.8	169.6	167.4	171.3	173.8	176.1
21.0	165.0	167.1	173.6	174.8	172.3	165.5	162.8	167.8	171.4	174.2
24.0	159.9	162.9	171.2	172.5	169.5	160.8	157.7	163.6	168.6	171.9
27.0	154.5	158.3	168.4	170.1	166.2	155.8	151.8	159.1	165.4	169.3
30.0	148.5	153.2	165.1	167.3	162.6	150.3	145.5	154.1	161.8	166.2
33.0	141.7	147.6	161.4	164.0	158.7	144.4	138.7	148.9	157.9	162.5
36.0	134.7	142.1	157.6	160.5	154.4	138.2	131.6	143.0	153.8	158.5
39.0	127.3	136.0	153.5	156.7	149.8	131.6	124.1	137.1	149.3	154.2
42.0	119.6	129.7	148.9	152.6	144.9	124.8	116.2	130.9	144.6	149.8
45.0	111.6	123.4	144.1	148.2	139.8	118.0	108.3	124.6	139.5	145.0
48.0	103.4	116.9	139.1	143.6	134.5	110.7	100.2	118.1	134.2	140.2
51.0	95.11	110.3	134.0	138.8	129.1	103.5	91.89	111.5	128.8	135.5
54.0	86.63	103.5	128.8	133.7	123.5	96.46	83.51	104.7	123.4	130.6
57.0	78.20	96.87	123.2	128.7	117.8	89.09	75.13	98.05	117.8	125.7
60.0	69.69	90.14	117.8	123.3	111.9	82.03	66.61	91.49	112.2	120.7
63.0	61.20	83.81	112.3	118.0	106.2	75.01	58.25	84.95	106.6	115.4
66.0	52.69	77.40	106.8	112.8	100.6	68.18	49.90	78.60	101.0	110.2
69.0	44.20	71.11	101.3	107.2	94.94	61.58	41.75	72.39	95.46	104.9
72.0	36.21	65.23	95.90	101.8	89.44	55.35	33.64	66.33	90.12	99.79
75.0	28.45	59.57	90.53	96.45	84.11	49.35	26.05	60.56	84.90	94.56
78.0	21.11	54.25	85.27	91.17	78.80	43.85	18.91	55.17	79.77	89.49
81.0	14.48	49.31	80.12	86.02	73.75	38.78	12.63	50.16	74.80	84.45
84.0	8.868	44.80	75.04	80.90	68.92	34.11	7.395	45.54	70.00	79.38
87.0	4.491	40.56	70.23	75.95	64.25	30.06	3.664	41.22	65.35	74.61
90.0	1.953	36.80	65.72	71.15	59.80	26.65	1.716	37.35	61.02	69.96
93.0	1.012	33.42	61.22	66.59	55.60	23.58	1.126	33.81	56.87	65.50
96.0	0.7119	30.32	57.06	62.14	51.56	21.03	0.8525	30.61	52.98	61.14
99.0	0.5871	27.69	53.09	58.08	47.80	18.89	0.6492	27.76	49.21	57.19
102.0	0.5473	25.28	49.31	54.14	44.33	17.15	0.4748	25.24	45.73	53.34
105.0	0.4355	23.19	45.80	50.34	41.04	15.61	0.3272	23.00	42.45	49.63
108.0	0.3351	21.37	42.50	46.78	38.01	13.59	0.2957	20.89	39.37	46.17
111.0	0.1724	19.23	39.35	43.40	35.19	11.82	0.1779	18.26	36.54	42.89
114.0	0.1155	16.90	36.48	40.29	32.59	10.57	0.0704	15.88	33.86	39.81
117.0	0.1313	15.11	33.82	37.40	30.11	9.576	0.0174	14.25	30.77	36.92
120.0	0.1078	13.63	30.99	34.56	27.29	8.696	0	12.89	27.26	33.56
123.0	0.1211	12.34	27.96	31.36	24.29	7.952	0.0486	11.76	24.06	29.92
126.0	0.1302	11.26	24.73	27.99	21.46	7.329	0.0134	10.58	21.60	26.37
129.0	0.1452	10.29	21.87	24.68	19.23	6.704	0.0655	9.418	19.50	23.59
132.0	0.1431	9.343	19.63	21.95	17.24	6.022	0.0673	8.404	17.62	21.23
135.0	0.1706	8.495	17.66	19.72	15.55	5.153	0.0248	7.543	15.82	19.13
138.0	0.2091	7.605	15.84	17.59	13.94	4.492	0	6.726	14.17	17.14
141.0	0.1829	6.673	14.19	15.67	12.47	3.847	0	6.007	12.50	15.27
144.0	0.1932	5.563	12.59	13.91	11.10	3.155	0.0903	5.292	10.89	13.61
147.0	0.2419	4.726	11.11	12.23	9.765	2.496	0.1610	4.524	9.601	11.93
150.0	0.2233	3.834	9.662	10.61	8.456	1.867	0.1639	3.702	8.304	10.32
153.0	0.2226	2.966	8.244	8.988	6.888	1.232	0.1883	2.863	6.928	8.819
156.0	0.2567	2.121	6.787	7.194	5.541	0.5769	0.1938	2.081	5.539	7.348
159.0	0.2473	1.307	5.300	5.590	4.260	0.1669	0.1982	1.281	4.198	5.763
162.0	0.2397	0.5314	3.785	4.041	2.951	0.1311	0.2474	0.5252	2.904	4.147
165.0	0.2904	0.2693	2.333	2.584	1.791	0.1552	0.0016	0.2389	1.664	2.725
168.0	0.2728	0.2539	1.051	1.190	0.6563	0	0	0.2715	0.6058	1.415
171.0	0.3205	0.2831	0.2434	0.2405	0	0	0	0.0138	0.3842	0.4248
174.0	0.3249	0.2844	0.2678	0.1303	0	0	0	0	0.3226	0.3488
177.0	0.3179	0.3044	0.2918	0	0	0.1969	0.2578	0.0177	0	0.3718
180.0	0.2937	0.3101	0.0534	0	0.3096	0.3217	0.2939	0.3131	0	0.0524
G/C	300.0	330.0								
0.0	181.5	181.5								
3.0	181.1	181.3								
6.0	180.3	180.4								
9.0	178.9	178.9								
12.0	177.4	176.7								
15.0	175.3	173.7								
18.0	172.8	170.4								
21.0	169.9	166.4								
24.0	166.6	161.9								
27.0	162.8	156.7								
30.0	158.4	151.1								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Killua
 Test Date:2015-01-23

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 3000K 538mm 8W ww
 LANS:WHITE PC
 30minutes warm-up

Photometric Data Table [cd]

33.0	153.5	145.1
36.0	148.3	138.6
39.0	142.9	131.7
42.0	137.4	124.4
45.0	131.9	116.9
48.0	126.5	109.3
51.0	121.3	101.5
54.0	115.9	93.80
57.0	110.6	86.27
60.0	105.2	79.17
63.0	99.77	72.59
66.0	94.25	66.51
69.0	88.97	60.64
72.0	83.69	54.79
75.0	78.50	49.14
78.0	73.50	43.64
81.0	68.71	38.60
84.0	64.04	33.96
87.0	59.62	29.80
90.0	55.44	26.13
93.0	51.52	23.04
96.0	47.74	20.46
99.0	44.26	18.22
102.0	40.96	16.35
105.0	37.81	14.63
108.0	34.95	12.45
111.0	32.28	10.88
114.0	29.50	9.768
117.0	26.39	8.866
120.0	23.07	8.069
123.0	20.66	7.386
126.0	18.71	6.494
129.0	16.92	6.057
132.0	15.25	5.307
135.0	13.72	4.730
138.0	12.27	4.145
141.0	10.99	3.319
144.0	9.787	2.895
147.0	8.516	2.353
150.0	7.211	1.795
153.0	5.852	1.291
156.0	4.442	0.6520
159.0	3.317	0.3030
162.0	2.240	0.3359
165.0	1.161	0.4038
168.0	0.4314	0.4410
171.0	0.4186	0.4364
174.0	0.3617	0.4494
177.0	0.3448	0.3690
180.0	0.3329	0.3166

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-01-23

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 3000K 538mm 8W ww
LANS:WHITE PC
30minutes warm-up