

Luminaire Photograph

202 026 101 03 DOWN LIGHT 4000K 5W
Hera GmbH & Co. KG



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 278mm 5W ww
LENS:WHITE PC
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

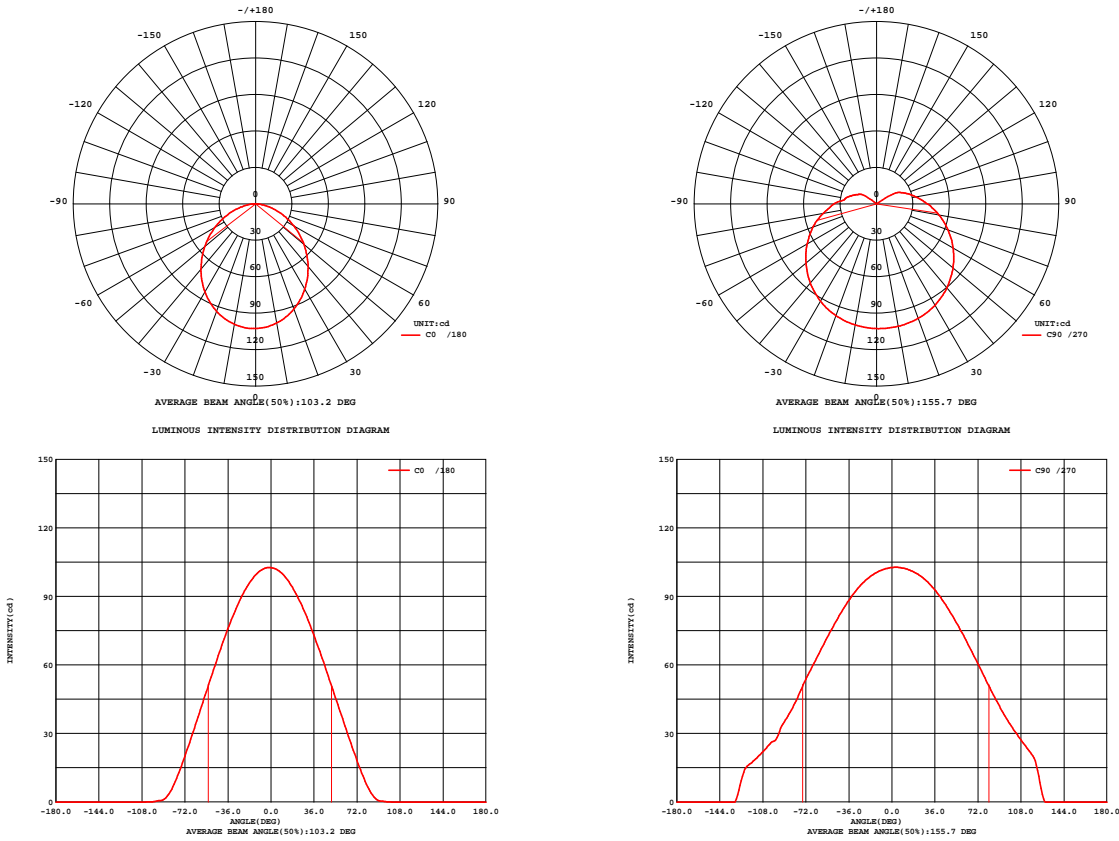


Fig. C0/C180

Fig. C90/C270

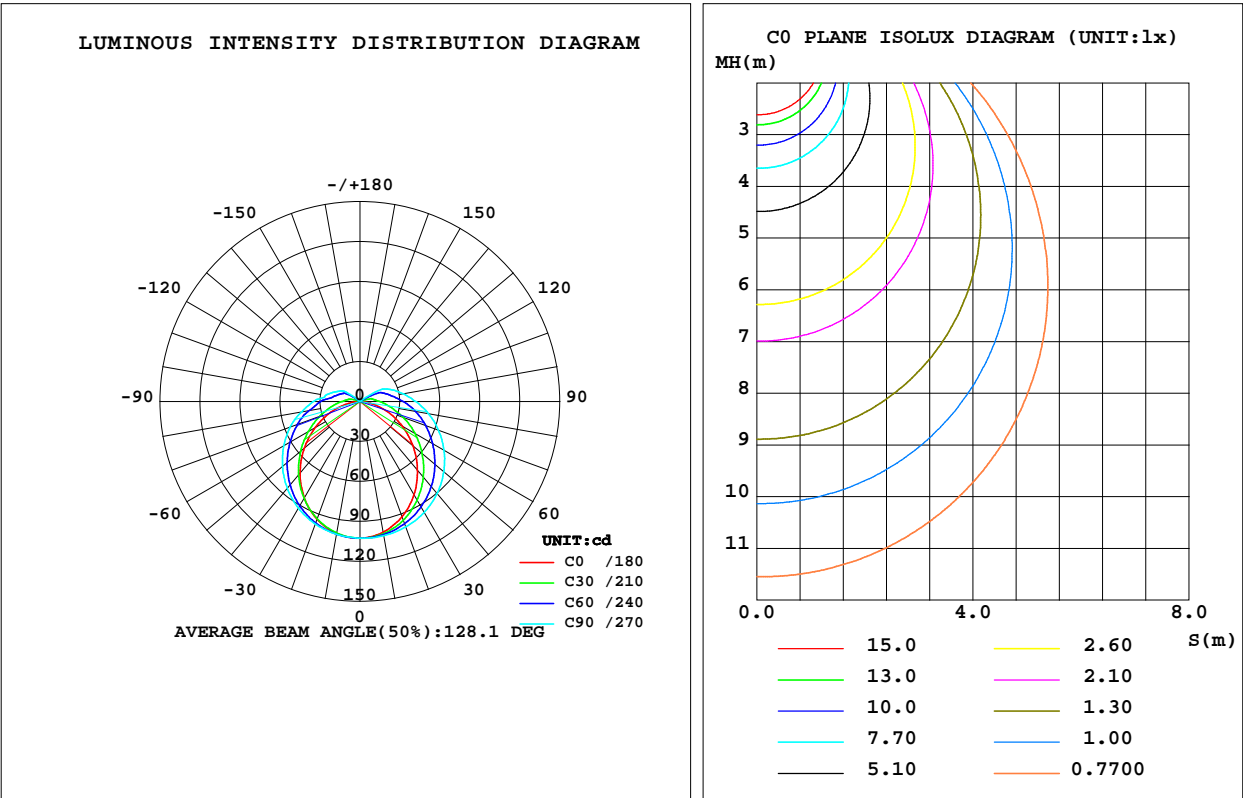
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-01-24

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 278mm 5W ww
LENS:WHITE PC
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.8V I:0.0254A P:4.811W PF:0.8184 Lamp Flux:465.9x1 lm		
NAME: 202 026 101 03	TYPE:DOWN LIGHT	WEIGHT:
DIMENSION:	SPECIFICATION:4000K 5W	SERIAL No.:1501246530
MANUFACTURER: Hera GmbH & Co. KG	SURFACE:0.0054m2	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.07 lm/W			
MODEL	SMD 3014	Imax(cd)	102.7	S/MH(C0/180)	1.22
NOMINAL POWER(W)	5	EFFICIENCY(%)	87.8	S/MH(C90/270)	1.35
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	409.22	h UP(C0-180)	4.9
NOMINAL FLUX(lm)	465.93	CIE CLASS	SEMI-D.	h DN(C0-180)	37.8
LAMPS INSIDE	1	h up(%)	10.3	h UP(C180-360)	5.5
TEST VOLTAGE(V)	230.8	h down(%)	77.5	h DN(C180-360)	39.7

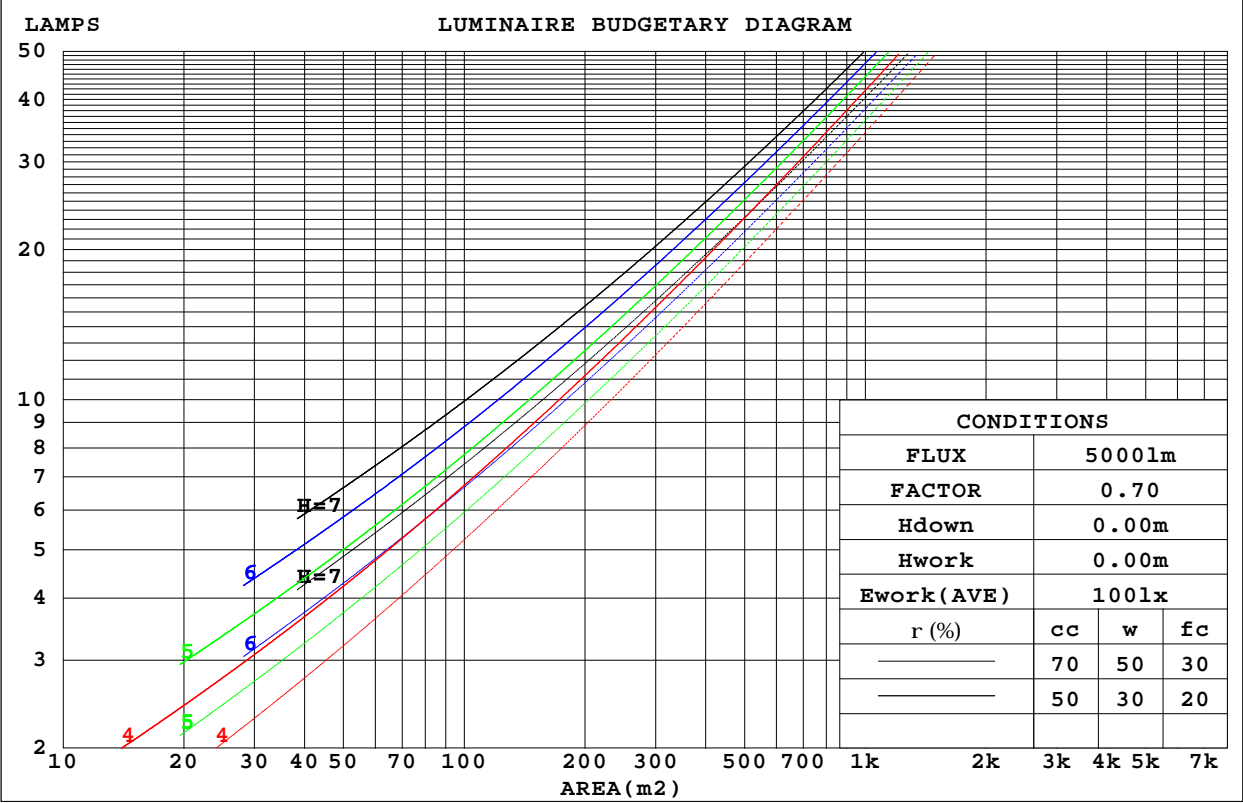


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
Test Date:2015-01-24

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 278mm 5W ww
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	1.02	1.02	1.02	.99	.99	.99	.92	.92	.92	.86	.86	.86	.80	.80	.80	.78
1.0	.85	.81	.77	.82	.78	.74	.77	.73	.70	.71	.69	.66	.67	.64	.62	.60
2.0	.73	.66	.61	.71	.64	.59	.66	.61	.56	.61	.57	.53	.57	.54	.51	.48
3.0	.64	.56	.49	.61	.54	.48	.57	.51	.46	.53	.48	.44	.50	.46	.42	.39
4.0	.56	.48	.41	.54	.46	.40	.50	.44	.39	.47	.42	.37	.44	.39	.35	.33
5.0	.50	.41	.35	.48	.40	.34	.45	.38	.33	.42	.36	.32	.39	.35	.31	.28
6.0	.45	.36	.30	.43	.35	.30	.41	.34	.29	.38	.32	.28	.36	.31	.27	.25
7.0	.40	.32	.27	.39	.32	.26	.37	.30	.25	.35	.29	.24	.33	.27	.24	.22
8.0	.37	.29	.24	.36	.28	.23	.34	.27	.22	.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	.23	.19	.28	.22	.18	.27	.22	.18	.26	.21	.17	.15



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 278mm 5W ww
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	100.7	100.7	101.2	100.5	99.65	101.1	102.3	101.6	0- 10	9.717	9.717	2.37,2.09
20	94.15	95.41	97.86	95.49	92.12	96.31	100.2	97.52	10- 20	27.94	37.65	9.2,8.08
30	83.59	87.26	92.47	87.79	80.98	88.58	96.33	90.72	20- 30	42.72	80.38	19.6,17.3
40	70.06	76.78	84.98	77.95	67.18	78.68	90.09	81.64	30- 40	52.44	132.8	32.5,28.5
50	54.65	64.86	75.91	66.74	52.06	67.18	82.15	71.08	40- 50	56.31	189.1	46.2,40.6
60	38.72	52.60	65.98	55.10	36.48	55.31	72.84	59.72	50- 60	54.62	243.7	59.6,52.3
70	22.99	40.90	55.74	44.03	21.20	43.32	62.64	48.45	60- 70	48.49	292.2	71.4,62.7
80	8.991	29.85	44.39	33.15	7.801	32.53	52.10	37.95	70- 80	39.41	331.6	81,71.2
90	1.051	21.73	35.07	24.81	0.6906	23.71	42.03	29.03	80- 90	29.50	361.1	88.3,77.5
100	0.0875	14.99	26.39	17.33	0.0264	17.37	33.25	22.09	90-100	21.60	382.7	93.5,82.1
110	0	8.403	20.86	12.91	0	9.640	25.90	14.04	100-110	15.43	398.2	97.3,85.5
120	0	5.996	16.19	6.762	0	2.242	18.04	3.777	110-120	8.756	406.9	99.4,87.3
130	0	0	1.268	0	0	0	0	0	120-130	2.292	409.2	100,87.8
140	0	0	0	0	0	0	0	0	130-140	0.0045	409.2	100,87.8
150	0	0	0	0	0	0	0	0	140-150	0	409.2	100,87.8
160	0	0	0	0	0	0	0	0	150-160	0	409.2	100,87.8
170	0	0	0	0	0	0	0	0	160-170	0	409.2	100,87.8
180	0	0	0	0	0	0	0	0	170-180	0	409.2	100,87.8
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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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 278mm 5W ww
LENS: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	.335	.191	.060	.326	.186	.059	.308	.177	.056	.292	.168	.054	.277	.160	.052	
2.0	.292	.160	.049	.283	.156	.048	.267	.149	.046	.253	.142	.044	.239	.135	.043	
3.0	.260	.138	.041	.252	.135	.041	.238	.129	.039	.225	.123	.038	.212	.117	.036	
4.0	.234	.122	.036	.227	.119	.035	.214	.114	.034	.202	.109	.033	.191	.104	.032	
5.0	.213	.109	.031	.207	.106	.031	.195	.102	.030	.184	.097	.029	.174	.093	.028	
6.0	.196	.098	.028	.190	.096	.028	.179	.092	.027	.169	.088	.026	.160	.084	.025	
7.0	.180	.089	.025	.175	.087	.025	.166	.084	.024	.157	.080	.023	.148	.077	.023	
8.0	.167	.082	.023	.163	.080	.023	.154	.077	.022	.146	.074	.021	.138	.071	.021	
9.0	.156	.076	.021	.152	.074	.021	.144	.071	.020	.136	.068	.020	.129	.066	.019	
10.0	.146	.070	.019	.142	.069	.019	.135	.066	.019	.128	.063	.018	.121	.061	.017	

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	.246	.246	.246	.210	.210	.210	.143	.143	.143	.082	.082	.082	.026	.026	.026	
1.0	.242	.216	.192	.207	.185	.165	.142	.127	.114	.082	.074	.067	.026	.024	.022	
2.0	.236	.195	.162	.202	.168	.140	.138	.116	.097	.080	.068	.057	.026	.022	.019	
3.0	.229	.181	.142	.196	.156	.123	.135	.108	.087	.078	.063	.051	.025	.021	.017	
4.0	.222	.170	.129	.191	.147	.112	.131	.102	.079	.076	.060	.047	.024	.019	.015	
5.0	.215	.161	.121	.185	.139	.105	.127	.097	.074	.074	.057	.044	.024	.019	.014	
6.0	.209	.154	.114	.179	.133	.100	.124	.093	.070	.072	.055	.042	.023	.018	.014	
7.0	.202	.148	.110	.174	.128	.096	.120	.090	.068	.070	.053	.040	.023	.017	.013	
8.0	.197	.143	.106	.169	.124	.093	.117	.087	.066	.068	.051	.039	.022	.017	.013	
9.0	.191	.139	.103	.165	.120	.090	.114	.085	.064	.066	.050	.038	.022	.016	.013	
10.0	.186	.135	.101	.160	.117	.088	.111	.082	.063	.065	.049	.037	.021	.016	.012	

C Range: 0 - 360DEG
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Operators:Killua
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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 278mm 5W ww
LENS: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	21.0	22.4	21.4	22.8	23.3	23.2	24.7	23.7	25.1	25.5
3H	22.4	23.7	22.9	24.2	24.7	25.8	27.1	26.2	27.5	28.0
4H	23.0	24.3	23.5	24.7	25.2	27.1	28.4	27.6	28.9	29.4
6H	23.4	24.6	23.9	25.1	25.6	28.6	29.8	29.1	30.3	30.8
8H	23.5	24.7	24.0	25.2	25.7	29.4	30.6	29.9	31.1	31.6
12H	23.6	24.7	24.1	25.2	25.8	30.3	31.5	30.9	32.0	32.5
4H 2H	22.1	23.3	22.5	23.8	24.3	23.7	25.0	24.2	25.5	26.0
3H	23.7	24.8	24.2	25.3	25.9	26.5	27.7	27.1	28.2	28.7
4H	24.4	25.5	25.0	26.0	26.6	28.1	29.1	28.7	29.7	30.3
6H	25.0	26.0	25.6	26.5	27.1	29.8	30.7	30.4	31.3	31.9
8H	25.3	26.1	25.8	26.7	27.3	30.7	31.6	31.3	32.2	32.8
12H	25.4	26.2	26.0	26.8	27.5	31.8	32.6	32.4	33.2	33.8
8H 4H	25.4	26.3	26.0	26.9	27.5	28.4	29.3	29.0	29.8	30.5
6H	26.4	27.1	27.0	27.7	28.4	30.4	31.1	31.0	31.7	32.4
8H	26.8	27.4	27.4	28.1	28.8	31.5	32.2	32.2	32.8	33.5
12H	27.1	27.7	27.8	28.3	29.1	32.9	33.4	33.5	34.1	34.8
12H 4H	25.8	26.6	26.4	27.2	27.8	28.4	29.2	29.0	29.8	30.5
6H	26.9	27.6	27.5	28.2	28.9	30.5	31.1	31.1	31.8	32.5
8H	27.5	28.0	28.1	28.7	29.4	31.7	32.3	32.4	32.9	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 465.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.7)

C Range: 0 - 360DEG
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 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 278mm 5W ww
 LENS:WHITE PC
 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	33	27	43	33	27	42	32	26	21
0.80	52	41	34	51	40	34	49	39	33	27
1.00	59	48	40	58	47	40	55	48	39	32
1.25	65	54	47	63	53	46	60	51	45	38
1.50	69	59	52	67	58	51	64	56	50	41
2.00	76	66	59	74	65	58	69	62	56	47
2.50	80	71	64	77	69	63	72	66	61	51
3.00	83	75	69	80	73	67	75	69	64	54
4.00	87	80	75	84	78	73	79	74	69	58
5.00	89	84	79	86	81	77	81	77	73	61
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNM = 1.25		

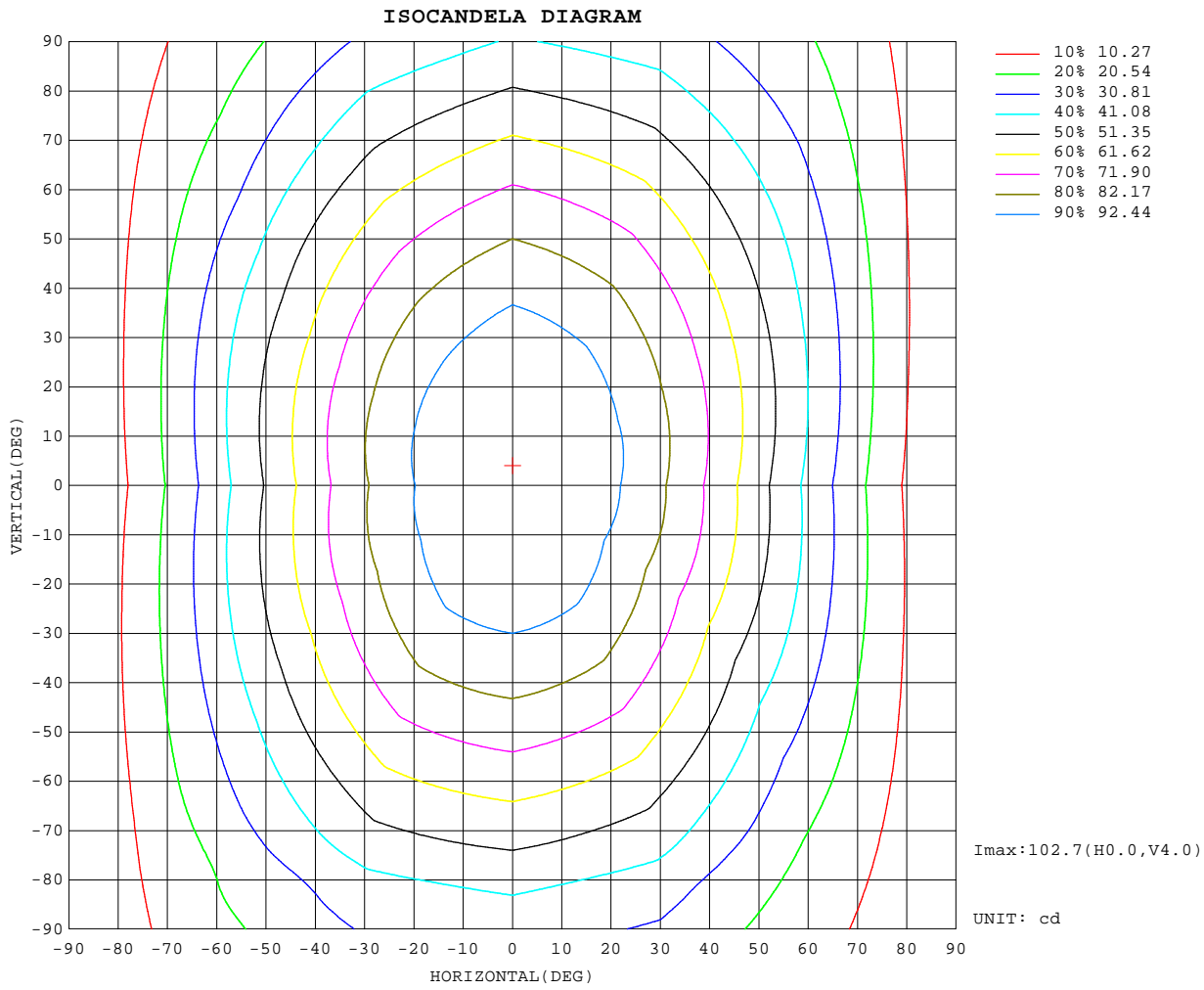
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Temperature:25.3DEG
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Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
Humidity:65.0%
Test Distance:2.500m [K=1.2866]
Remarks: LAMP:SMD 3014 4000K 278mm 5W ww
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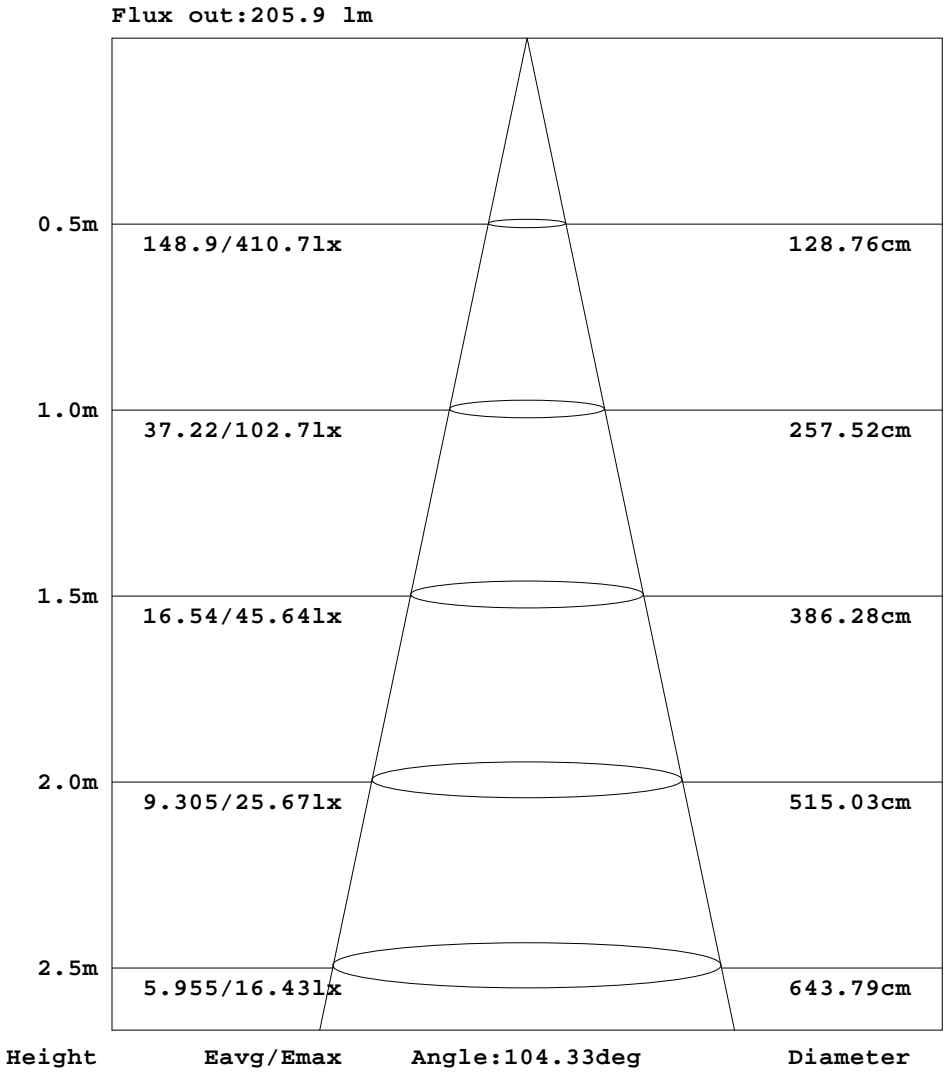

ISOCANDELA DIAGRAM



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Test Speed: HIGH
Temperature:25.3DEG
Operators:Killua
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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	g Range: 0 - 180DEG
C Interval: 30.0DEG	g Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-R3000(2M2D) SYSTEM V1.0.203
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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	103	103	103	103	103	103	103	103	103	103	103	103						
5	102	102	102	102	102	102	102	102	102	103	103	102						
10	101	100	101	101	101	100.0	99.6	101	101	102	102	101						
15	98.0	97.4	99.5	99.8	99.4	97.3	96.4	98.3	99.9	101	101	99.2						
20	94.1	93.8	97.1	97.9	97.2	93.8	92.1	95.0	97.7	100	98.8	96.3						
25	89.3	89.3	94.1	95.4	94.4	89.4	87.0	90.7	94.9	98.5	96.4	92.4						
30	83.6	84.0	90.5	92.5	91.0	84.6	81.0	85.7	91.5	96.3	93.5	88.0						
35	77.1	78.2	86.3	88.9	87.1	79.0	74.5	80.0	87.7	93.4	90.0	82.9						
40	70.1	71.8	81.7	85.0	82.8	73.1	67.2	74.1	83.3	90.1	86.0	77.3						
45	62.6	65.1	76.7	80.6	78.1	66.9	59.8	67.7	78.5	86.3	81.7	71.4						
50	54.6	58.3	71.5	75.9	73.0	60.5	52.1	61.0	73.4	82.1	76.9	65.2						
55	46.7	51.3	66.0	71.0	67.7	54.1	44.2	54.3	68.2	77.6	72.0	58.9						
60	38.7	44.7	60.5	66.0	62.5	47.7	36.5	47.7	62.9	72.8	66.9	52.6						
65	30.7	38.1	55.1	60.9	57.2	41.7	28.7	41.0	57.6	67.8	61.6	46.4						
70	23.0	32.0	49.8	55.7	52.1	36.0	21.2	34.3	52.4	62.6	56.4	40.5						
75	15.6	26.3	44.6	50.3	47.0	30.7	14.0	28.1	47.2	57.4	51.1	35.0						
80	8.99	21.4	38.3	44.4	40.4	25.9	7.80	22.9	42.2	52.1	45.9	30.0						
85	3.78	17.3	33.4	39.3	35.6	20.7	3.09	18.5	37.3	46.9	41.1	25.4						
90	1.05	13.8	29.6	35.1	31.8	17.8	0.69	14.9	32.5	42.0	36.5	21.5						
95	0.51	11.2	24.6	29.4	27.0	14.9	0.26	12.2	28.2	37.4	32.3	18.2						
100	0.09	9.26	20.7	26.4	22.6	12.1	0.03	10.2	24.6	33.2	28.6	15.6						
105	0.00	7.34	18.3	23.7	20.3	10.1	0.00	8.54	21.5	29.5	25.2	13.5						
110	0.00	0.50	16.3	20.9	17.9	7.92	0.00	0.39	18.9	25.9	22.2	5.86						
115	0.00	0.00	14.4	18.3	15.7	1.27	0.00	0.00	15.6	22.4	18.9	0.00						
120	0.00	0.00	12.0	16.2	13.5	0.00	0.00	0.00	4.49	18.0	7.55	0.00						
125	0.00	0.00	2.81	11.2	7.24	0.00	0.00	0.00	0.00	5.94	0.00	0.00						
130	0.00	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
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 278mm 5W ww
 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	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6
3.0	102.5	102.3	102.5	102.4	102.4	102.2	102.2	102.5	102.5	102.7
6.0	102.1	101.7	102.1	101.9	102.0	101.5	101.4	102.0	102.3	102.6
9.0	101.2	100.7	101.5	101.3	101.4	100.4	100.2	101.1	101.7	102.4
12.0	99.76	99.23	100.6	100.6	100.5	99.02	98.48	99.90	100.9	102.0
15.0	97.96	97.44	99.47	99.75	99.41	97.28	96.40	98.28	99.90	101.5
18.0	95.79	95.40	98.11	98.71	98.18	95.24	93.98	96.44	98.62	100.8
21.0	93.22	92.96	96.55	97.46	96.70	92.92	91.14	94.11	97.16	99.93
24.0	90.35	90.25	94.76	95.95	95.03	90.41	88.05	91.55	95.46	98.93
27.0	87.13	87.26	92.69	94.29	93.13	87.59	84.67	88.70	93.59	97.68
30.0	83.59	83.99	90.54	92.47	91.01	84.58	80.98	85.65	91.50	96.33
33.0	79.76	80.55	88.10	90.35	88.76	81.26	77.13	82.36	89.23	94.62
36.0	75.80	76.85	85.43	88.17	86.34	77.86	73.04	78.90	86.84	92.82
39.0	71.52	73.07	82.67	85.82	83.76	74.32	68.65	75.29	84.22	90.78
42.0	67.07	69.17	79.81	83.29	80.93	70.65	64.35	71.48	81.44	88.65
45.0	62.56	65.08	76.71	80.61	78.10	66.87	59.79	67.66	78.55	86.30
48.0	57.82	61.01	73.59	77.85	75.04	63.08	55.13	63.60	75.48	83.82
51.0	53.08	56.83	70.36	74.97	71.92	59.23	50.47	59.63	72.39	81.27
54.0	48.28	52.72	67.08	72.00	68.73	55.40	45.77	55.62	69.27	78.57
57.0	43.49	48.64	63.81	69.04	65.58	51.58	41.12	51.62	66.12	75.77
60.0	38.72	44.66	60.54	65.98	62.46	47.73	36.48	47.70	62.94	72.84
63.0	33.91	40.67	57.29	62.88	59.31	44.03	31.80	43.73	59.75	69.88
66.0	29.15	36.83	54.07	59.83	56.16	40.48	27.14	39.69	56.55	66.79
69.0	24.49	33.16	50.90	56.74	53.09	37.10	22.68	35.58	53.42	63.67
72.0	20.00	29.62	47.70	53.68	50.05	33.86	18.22	31.68	50.32	60.54
75.0	15.63	26.32	44.64	50.25	46.98	30.72	14.03	28.07	47.22	57.42
78.0	11.51	23.38	40.99	46.69	43.06	27.82	10.25	24.86	44.17	54.21
81.0	7.721	20.54	37.08	43.35	38.98	24.74	6.718	21.96	41.21	51.05
84.0	4.654	18.07	34.14	40.30	36.21	21.35	3.906	19.33	38.21	47.95
87.0	2.386	15.83	31.89	37.54	34.10	19.77	1.824	16.99	35.33	44.89
90.0	1.051	13.85	29.61	35.07	31.82	17.81	0.6906	14.93	32.49	42.03
93.0	0.6311	12.14	27.19	32.32	29.51	16.08	0.3350	13.18	29.83	39.17
96.0	0.3649	10.75	23.28	28.19	25.55	14.28	0.1607	11.74	27.44	36.55
99.0	0.1011	9.600	21.29	26.58	22.90	12.52	0.0351	10.53	25.25	34.06
102.0	0.0466	8.550	19.75	25.40	21.69	11.15	0	9.560	23.25	31.65
105.0	0	7.337	18.35	23.66	20.30	10.11	0	8.543	21.47	29.48
108.0	0	3.595	17.09	21.95	18.87	8.992	0	4.053	19.86	27.27
111.0	0	0	15.95	20.32	17.42	7.058	0	0	18.40	25.16
114.0	0	0	14.79	18.81	16.13	2.812	0	0	16.66	23.07
117.0	0	0	13.83	17.32	14.90	0	0	0	11.83	21.01
120.0	0	0	11.99	16.19	13.52	0	0	0	4.485	18.04
123.0	0	0	6.803	14.29	10.64	0	0	0	0	11.22
126.0	0	0	0.9174	9.274	5.361	0	0	0	0	3.359
129.0	0	0	0	3.214	0.3308	0	0	0	0	0
132.0	0	0	0	0	0	0	0	0	0	0
135.0	0	0	0	0	0	0	0	0	0	0
138.0	0	0	0	0	0	0	0	0	0	0
141.0	0	0	0	0	0	0	0	0	0	0
144.0	0	0	0	0	0	0	0	0	0	0
147.0	0	0	0	0	0	0	0	0	0	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	0	0	0
168.0	0	0	0	0	0	0	0	0	0	0
171.0	0	0	0	0	0	0	0	0	0	0
174.0	0	0	0	0	0	0	0	0	0	0
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	102.6	102.6								
3.0	102.6	102.6								
6.0	102.5	102.3								
9.0	102.1	101.6								
12.0	101.5	100.6								
15.0	100.6	99.21								
18.0	99.55	97.56								
21.0	98.31	95.59								
24.0	96.89	93.36								
27.0	95.28	90.71								
30.0	93.45	87.99								

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 278mm 5W ww
LENS:WHITE PC
30minutes warm-up

Photometric Data Table [cd]

33.0	91.39	84.96
36.0	89.27	81.81
39.0	86.84	78.49
42.0	84.36	74.98
45.0	81.65	71.36
48.0	78.83	67.72
51.0	75.92	63.96
54.0	72.93	60.19
57.0	69.91	56.38
60.0	66.87	52.57
63.0	63.72	48.84
66.0	60.55	45.19
69.0	57.43	41.68
72.0	54.19	38.29
75.0	51.05	35.04
78.0	48.04	31.92
81.0	44.95	28.99
84.0	42.05	26.28
87.0	39.20	23.80
90.0	36.51	21.54
93.0	33.99	19.43
96.0	31.56	17.64
99.0	29.31	16.04
102.0	27.21	14.65
105.0	25.22	13.46
108.0	23.38	10.55
111.0	21.64	3.244
114.0	19.82	0
117.0	15.43	0
120.0	7.551	0
123.0	0.6026	0
126.0	0	0
129.0	0	0
132.0	0	0
135.0	0	0
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	0
168.0	0	0
171.0	0	0
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 278mm 5W ww
LENS:WHITE PC
30minutes warm-up