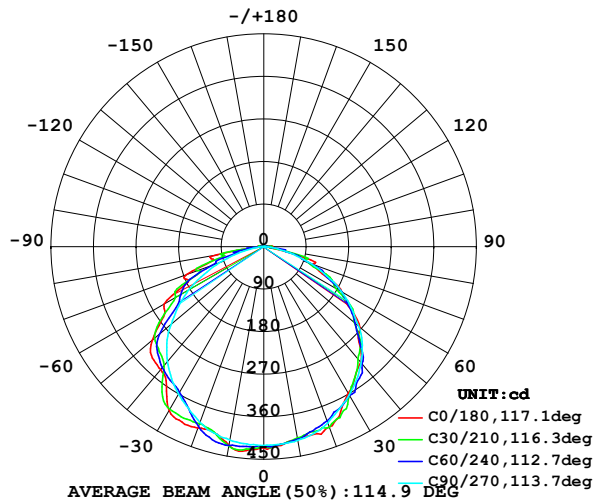


LUMINAIRE PHOTOMETRIC TEST REPORT

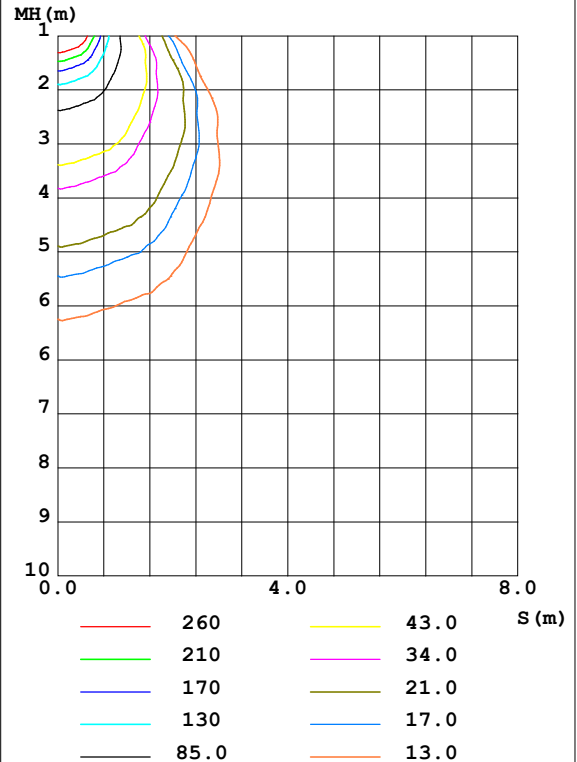
Test:U:220.6V I:0.0430A P:9.240W PF:0.9540 Lamp Flux:1269.54x1 lm		
NAME: T8 60 ALTO FLUJO 10W	TYPE:T8 60 ALTO FLUJO 10W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.40 lm/W			
MODEL	T8 60 ALTO FLUJO 10W	I _{max} (cd)	435.8	S/MH(C0/180)	1.34
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	AC220V	TOTAL FLUX(lm)	1269.5	η UP,DN(C0-180)	0.4,50.0
NOMINAL FLUX(lm)	1269.54	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,49.3
LAMPS INSIDE	1	η up(%)	0.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.7	η down(%)	99.3	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-01-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	413.8	412.9	415.7	428.3	426.7	430.7	415.1	405.9	0- 10	40.17	40.17	3.16,3.16
20	405.9	398.0	397.0	393.2	408.9	394.2	395.5	395.9	10- 20	115.6	155.8	12.3,12.3
30	357.6	371.6	362.0	376.8	400.2	381.4	360.3	365.5	20- 30	178.2	334.0	26.3,26.3
40	319.2	308.7	320.7	350.8	339.8	346.0	317.4	301.8	30- 40	217.7	551.7	43.5,43.5
50	265.7	258.7	262.1	275.6	308.1	274.5	255.8	251.8	40- 50	229.8	781.5	61.6,61.6
60	190.0	197.1	189.6	234.9	243.2	222.7	183.7	185.1	50- 60	211.2	992.7	78.2,78.2
70	110.3	116.7	108.3	150.2	173.8	125.3	98.81	94.08	60- 70	159.2	1152	90.7,90.7
80	12.43	40.70	30.45	60.12	100.1	60.68	23.21	19.88	70- 80	88.06	1240	97.7,97.7
90	16.36	12.98	1.769	8.349	9.902	8.713	1.361	15.11	80- 90	20.64	1261	99.3,99.3
100	5.995	5.168	2.577	6.336	11.12	5.187	2.201	4.600	90-100	8.604	1269	100,100
110	0	0	0	0	0	0	0	0	100-110	0.3051	1270	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1270	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1270	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1270	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1270	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1270	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1270	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1270	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

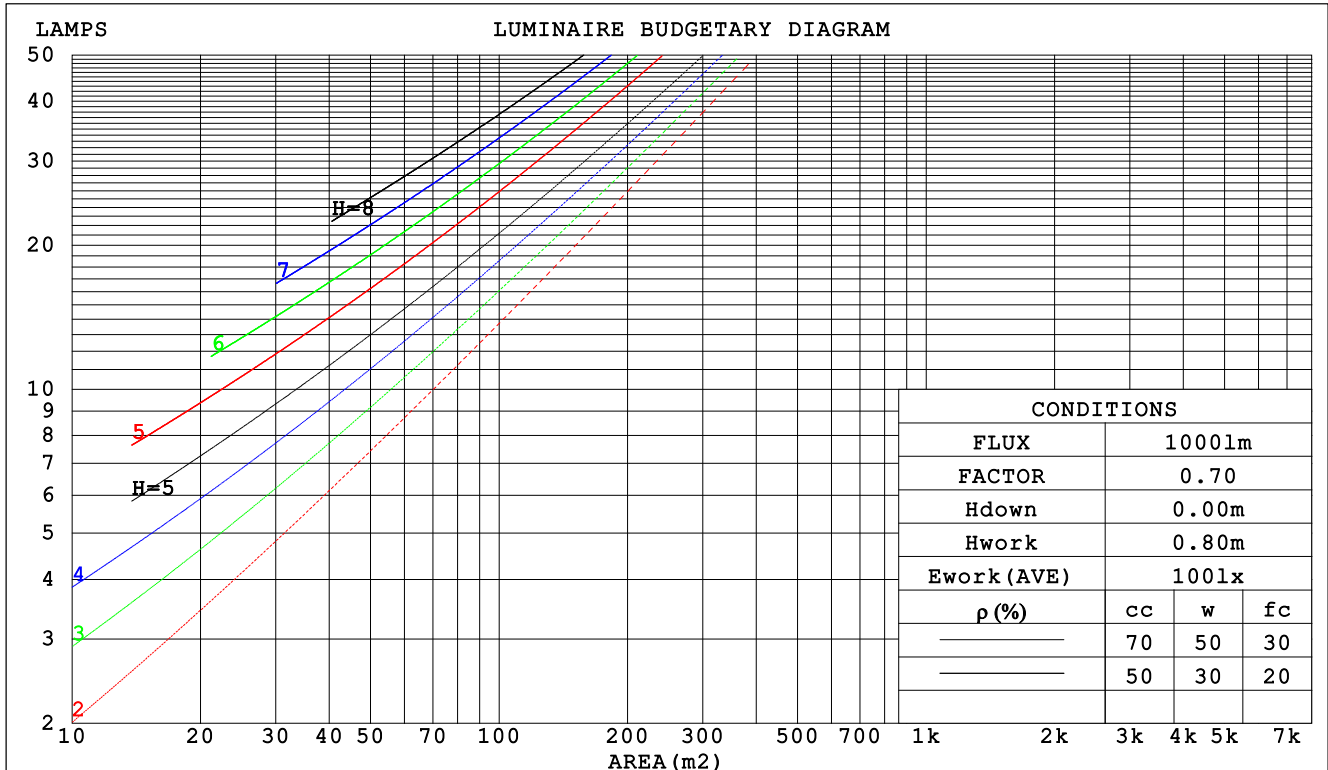
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-01-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.6V I:0.0430A P:9.240W PF:0.9540 Lamp Flux:1269.54x1 lm		
NAME: T8 60 ALTO FLUJO 10W	TYPE:T8 60 ALTO FLUJO 10W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.04	.99	.96	1.01	.98	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.36	.30	.25	.23



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YU
 Test Date: 2019-01-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.6V I:0.0430A P:9.240W PF:0.9540 Lamp Flux:1269.54x1 lm					
NAME: T8 60 ALTO FLUJO 10W			TYPE:T8 60 ALTO FLUJO 10W		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: DURALED			SUR.:		PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.309	.176	.056	.301	.172	.055	.288	.165	.053	.275	.159	.051	.264	.153	.049		
2.0	.292	.160	.049	.286	.157	.048	.273	.152	.047	.262	.147	.046	.252	.143	.045		
3.0	.271	.144	.043	.265	.142	.043	.254	.138	.042	.244	.134	.041	.235	.130	.040		
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.218	.119	.036		
5.0	.231	.118	.034	.227	.116	.034	.218	.114	.033	.210	.111	.033	.203	.109	.033		
6.0	.215	.108	.031	.211	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.026	.177	.089	.025	.171	.087	.025	.166	.085	.025		
9.0	.175	.085	.024	.172	.084	.024	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.186	.162	.140	.159	.139	.120	.109	.095	.083	.063	.055	.048	.020	.018	.016	
2.0	.178	.137	.103	.152	.118	.089	.104	.082	.062	.060	.048	.037	.019	.015	.012	
3.0	.170	.120	.080	.146	.103	.069	.100	.072	.048	.058	.042	.029	.019	.014	.009	
4.0	.163	.106	.064	.139	.092	.055	.096	.064	.039	.055	.038	.023	.018	.012	.008	
5.0	.155	.096	.053	.133	.083	.046	.092	.058	.032	.053	.034	.019	.017	.011	.006	
6.0	.148	.088	.045	.127	.076	.039	.088	.053	.027	.051	.031	.016	.016	.010	.005	
7.0	.141	.081	.039	.122	.070	.034	.084	.049	.024	.049	.029	.014	.016	.009	.005	
8.0	.135	.075	.034	.116	.065	.030	.080	.046	.021	.047	.027	.013	.015	.009	.004	
9.0	.129	.070	.031	.111	.061	.027	.077	.043	.019	.045	.025	.011	.014	.008	.004	
10.0	.123	.066	.028	.106	.057	.024	.074	.040	.017	.043	.024	.010	.014	.008	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.6V I:0.0430A P:9.240W PF:0.9540 Lamp Flux:1269.54x1 lm										
NAME: T8 60 ALTO FLUJO 10W						TYPE:T8 60 ALTO FLUJO 10W			WEIGHT:	
SPEC.:						DIM.:			SERIAL No.:	
MFR.: DURALED						SUR.:			PROTECTION ANGLE:	
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	25.5	27.0	25.8	27.2	27.4	25.6	27.1	25.9	27.3	27.5
3H	26.8	28.2	27.1	28.4	28.7	26.8	28.2	27.1	28.5	28.7
4H	27.6	28.9	27.9	29.2	29.5	27.2	28.6	27.6	28.8	29.1
6H	27.7	28.9	28.0	29.2	29.5	27.4	28.7	27.8	29.0	29.3
8H	27.6	28.8	28.0	29.1	29.4	27.4	28.7	27.8	29.0	29.3
12H	27.6	28.8	28.0	29.1	29.4	27.4	28.6	27.8	28.9	29.2
4H 2H	26.1	27.4	26.4	27.7	27.9	26.1	27.5	26.4	27.7	28.0
3H	27.5	28.7	27.9	29.0	29.3	27.5	28.7	27.9	29.0	29.3
4H	28.5	29.6	28.9	29.9	30.3	28.1	29.1	28.4	29.5	29.8
6H	28.6	29.6	29.0	29.9	30.3	28.3	29.3	28.8	29.7	30.0
8H	28.6	29.5	29.0	29.9	30.3	28.4	29.3	28.8	29.7	30.1
12H	28.6	29.4	29.1	29.8	30.2	28.4	29.2	28.8	29.6	30.0
8H 4H	28.7	29.6	29.2	30.0	30.4	28.3	29.2	28.8	29.6	30.0
6H	28.9	29.6	29.4	30.1	30.5	28.8	29.5	29.2	29.9	30.4
8H	28.9	29.6	29.4	30.0	30.5	28.9	29.5	29.3	30.0	30.4
12H	29.0	29.5	29.4	30.0	30.5	28.9	29.5	29.4	29.9	30.4
12H 4H	28.7	29.5	29.2	29.9	30.4	28.3	29.1	28.7	29.5	29.9
6H	28.9	29.6	29.4	30.0	30.5	28.8	29.4	29.2	29.8	30.3
8H	28.9	29.5	29.4	29.9	30.4	28.9	29.4	29.4	29.9	30.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.3 / - 0.4					+ 0.3 / - 0.2				
2.0H	+ 0.6 / - 0.5					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 1270 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.8)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.6V I:0.0430A P:9.240W PF:0.9540 Lamp Flux:1269.54x1 lm		
NAME: T8 60 ALTO FLUJO 10W	TYPE:T8 60 ALTO FLUJO 10W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:

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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	70	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	99	91	84	96	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	104	99	106	102	98	101	98	95	85
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.6V I:0.0430A P:9.240W PF:0.9540 Lamp Flux:1269.54x1 lm		
NAME: T8 60 ALTO FLUJO 10W	TYPE:T8 60 ALTO FLUJO 10W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

666.69 lm

%lum = 52.5%

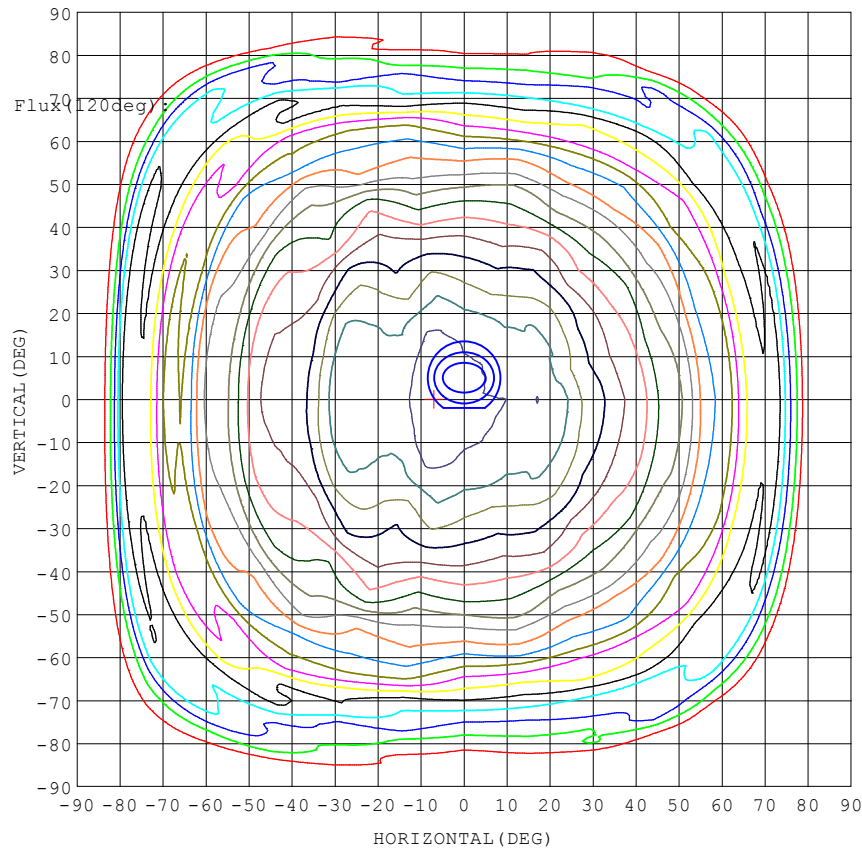
%lamp = 52.5%

Conical surface Flux(120deg):

992.71 lm

%lum = 78.2%

%lamp = 78.2%



5%	21.79
10%	43.58
15%	65.38
20%	87.17
25%	109.0
30%	130.8
35%	152.5
40%	174.3
45%	196.1
50%	217.9
55%	239.7
60%	261.5
65%	283.3
70%	305.1
75%	326.9
80%	348.7
85%	370.5
90%	392.3
95%	414.0

1. AVG=420.5,MIN=413.4
2. AVG=420.5,MIN=408.0
3. AVG=419.9,MIN=405.4

Imax:435.8 (H=7.0,V0.0)
(At:C=180.0,Gamma=7.0)

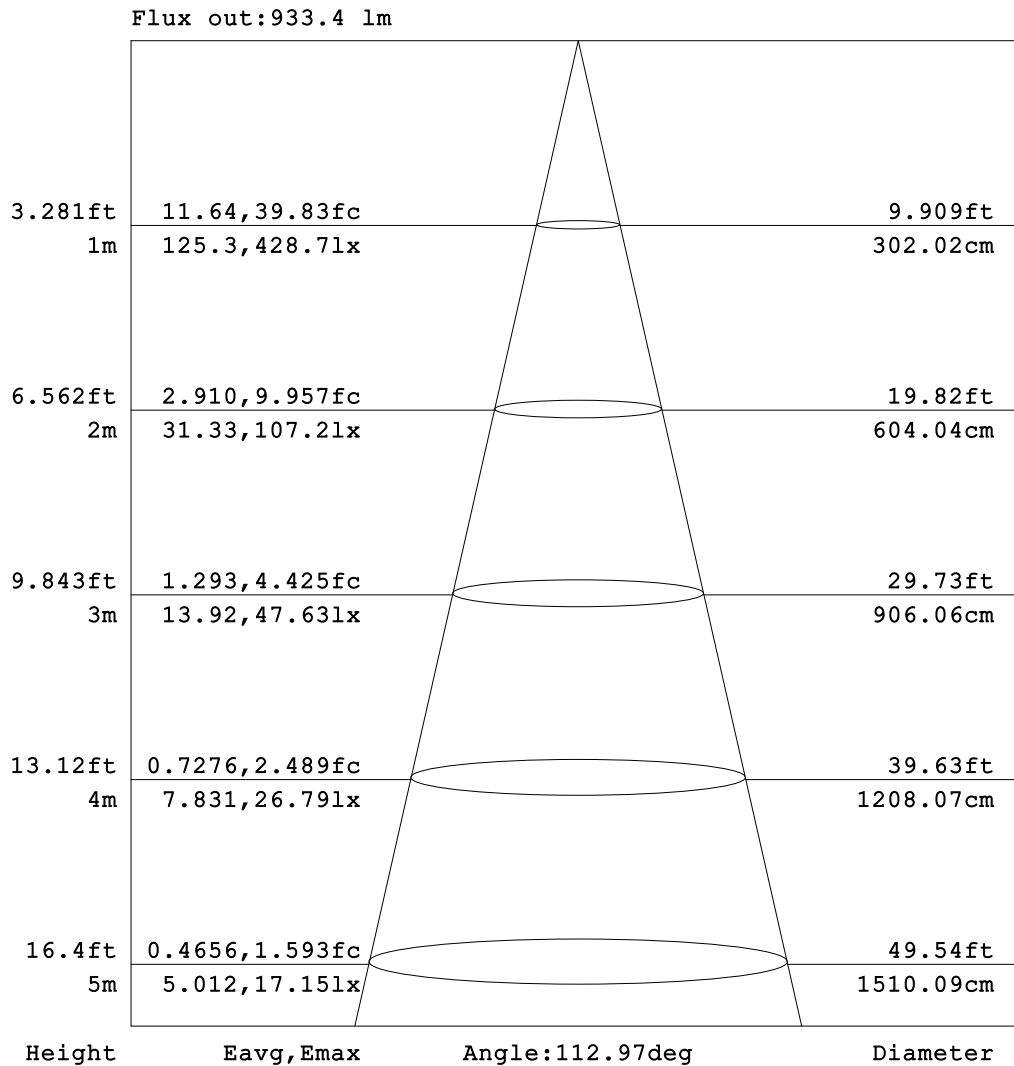
UNIT: cd

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.6V I:0.0430A P:9.240W PF:0.9540 Lamp Flux:1269.54x1 lm		
NAME: T8 60 ALTO FLUJO 10W	TYPE:T8 60 ALTO FLUJO 10W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:



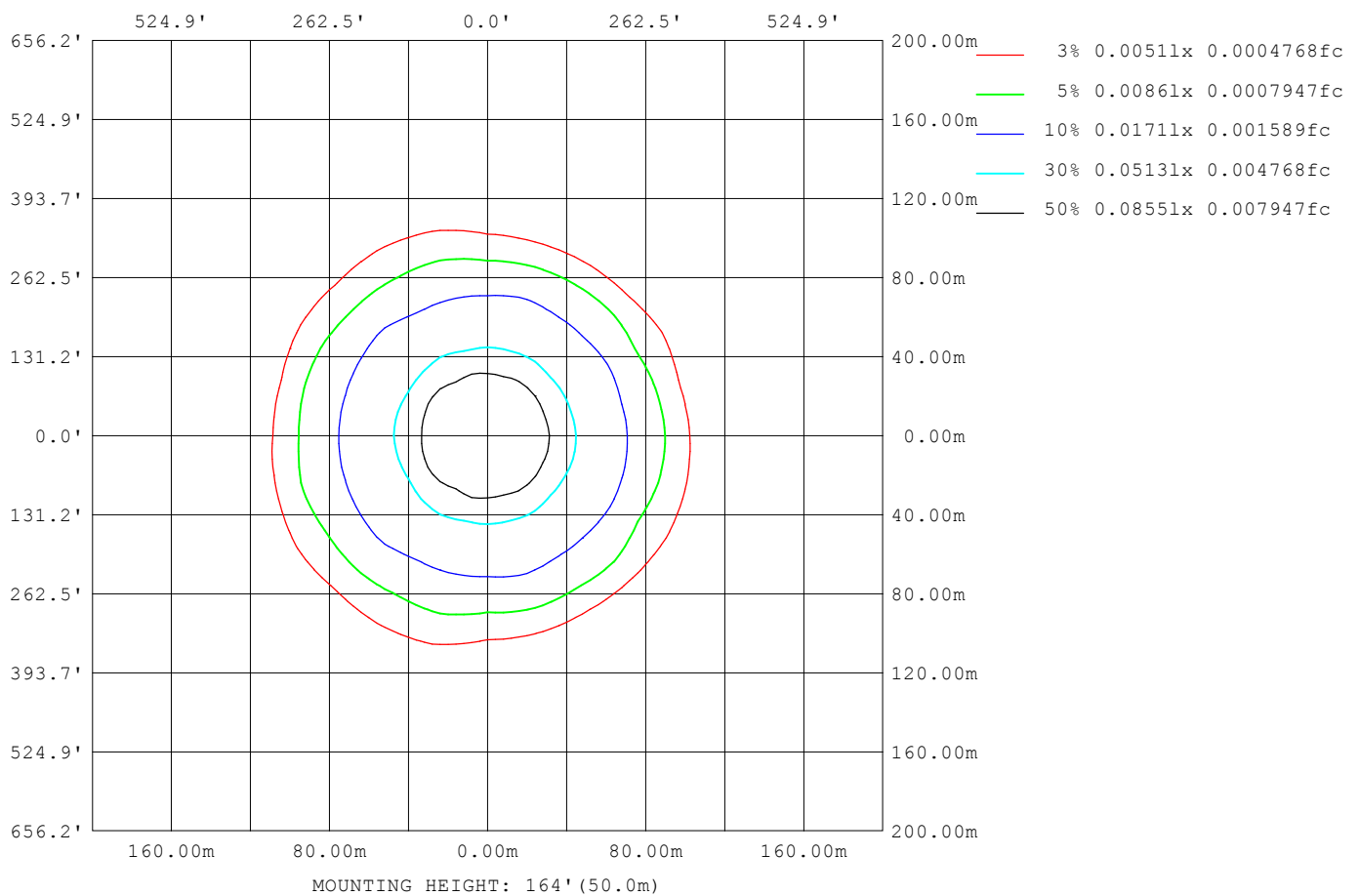
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

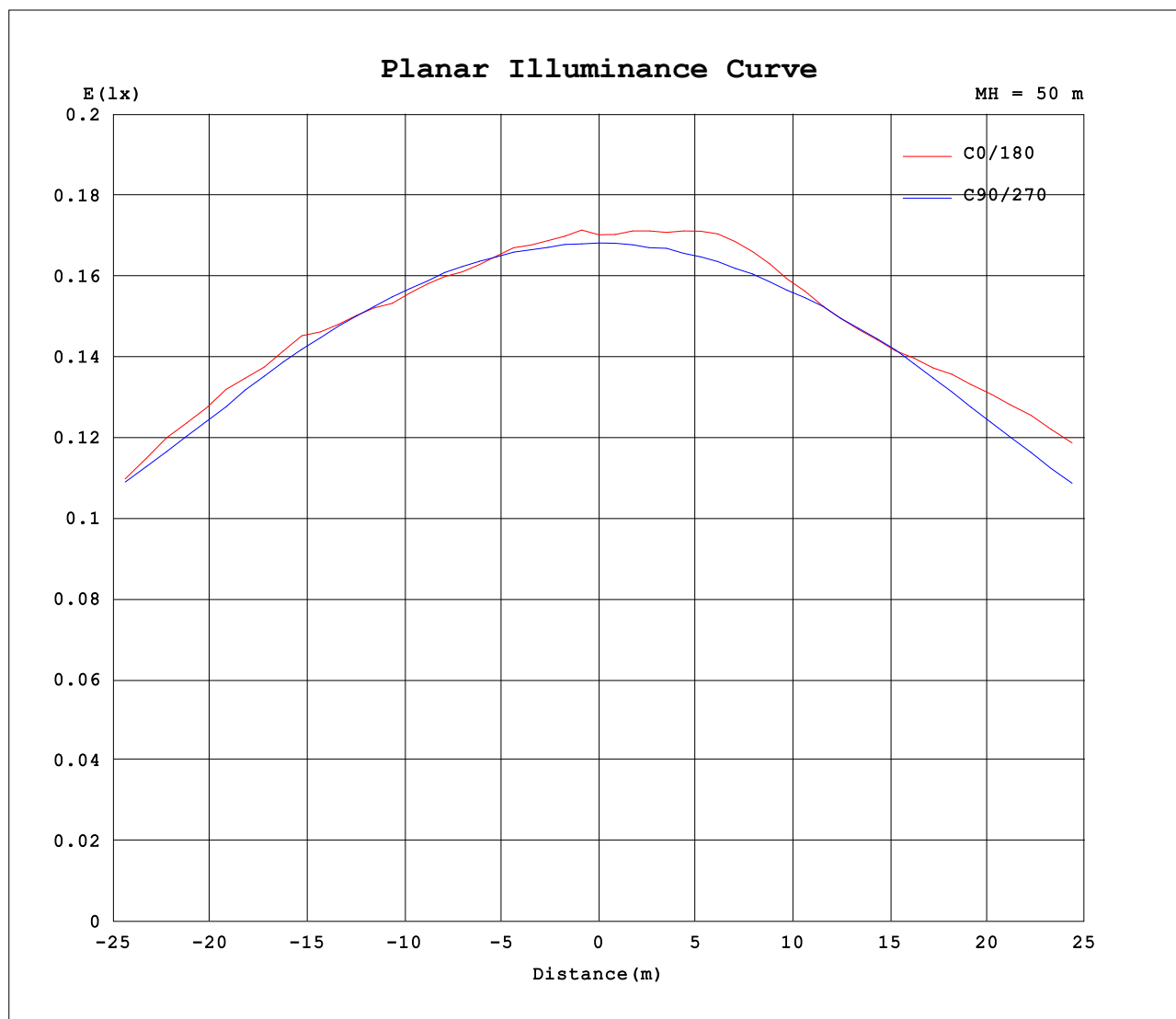
Test:U:220.6V I:0.0430A P:9.240W PF:0.9540 Lamp Flux:1269.54x1 lm		
NAME: T8 60 ALTO FLUJO 10W	TYPE:T8 60 ALTO FLUJO 10W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: YU
Test Date: 2019-01-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.0430A P:9.240W PF:0.9540 Lamp Flux:1269.54x1 lm		
NAME: T8 60 ALTO FLUJO 10W	TYPE:T8 60 ALTO FLUJO 10W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	426	425	423	423	421	421	421	421	421	422	421	421	426	425	423	423	421	421	421
5	422	421	420	419	419	422	420	420	423	423	424	424	433	434	429	428	424	422	419
10	414	412	411	413	414	415	416	420	423	428	427	425	427	427	428	431	427	420	415
15	411	411	406	404	403	407	410	416	422	416	407	403	407	406	406	414	423	414	408
20	406	405	407	398	392	395	397	406	406	393	393	398	409	406	398	394	404	409	396
25	386	391	390	392	378	374	379	392	379	382	395	402	410	407	400	386	378	392	377
30	358	359	363	372	363	356	362	375	357	377	394	398	400	401	397	381	357	373	360
35	337	338	336	339	347	337	343	351	344	368	377	368	359	362	375	371	346	347	341
40	319	317	310	309	323	313	321	320	335	351	331	333	340	336	328	346	335	315	317
45	285	289	291	282	287	295	295	287	320	304	310	325	333	328	313	295	318	283	290
50	266	262	250	259	252	273	262	258	294	276	299	312	308	308	302	274	289	253	256
55	217	225	230	220	220	237	226	232	236	263	270	267	259	259	263	261	227	226	221
60	190	189	176	197	190	201	190	211	207	235	220	237	243	239	216	223	203	204	184
65	137	145	155	143	143	145	147	182	186	181	202	192	176	174	191	174	180	170	140
70	110	108	101	117	107	104	108	108	128	150	144	173	174	171	149	125	118	94.5	98.8
75	80.1	94.5	97.9	69.8	75.4	66.1	65.2	81.0	96.4	113	117	117	110	106	102	112	81.1	73.4	57.3
80	12.4	12.9	15.7	40.7	43.8	32.6	30.4	37.9	65.4	60.1	89.7	110	100	97.6	94.1	60.7	53.3	32.1	23.2
85	13.5	12.7	11.2	9.92	8.90	12.9	7.86	17.4	32.7	25.6	19.1	18.8	11.7	11.6	11.6	13.2	21.2	9.89	5.35
90	16.4	15.7	15.4	13.0	11.6	4.17	1.77	3.47	7.32	8.35	9.23	9.28	9.90	9.88	9.43	8.71	7.04	3.20	1.36
95	16.9	16.9	12.1	7.57	5.15	3.24	2.06	3.33	7.98	9.13	9.24	9.64	9.31	9.48	9.20	10.1	5.94	2.92	1.73
100	5.99	5.95	5.58	5.17	4.51	3.29	2.58	3.30	4.65	6.34	10.5	12.2	11.1	10.7	7.90	5.19	4.09	2.93	2.20
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	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	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	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	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	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	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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.0430A P:9.240W PF:0.9540 Lamp Flux:1269.54x1 lm		
NAME: T8 60 ALTO FLUJO 10W	TYPE:T8 60 ALTO FLUJO 10W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	421	421	422	421	421														
5	420	417	415	416	413														
10	413	413	406	406	407														
15	405	401	399	403	403														
20	392	391	396	400	399														
25	371	377	385	383	375														
30	353	364	366	354	349														
35	334	344	329	332	327														
40	311	320	302	304	310														
45	291	280	274	283	274														
50	268	247	252	243	256														
55	231	213	209	219	208														
60	187	184	185	169	181														
65	132	137	134	144	126														
70	91.8	94.3	94.1	94.4	104														
75	52.6	63.8	64.7	88.5	64.2														
80	22.9	38.3	19.9	11.0	12.0														
85	6.91	7.90	9.63	11.5	12.1														
90	3.26	10.5	15.1	16.2	17.4														
95	2.78	4.35	5.64	9.33	11.4														
100	2.90	3.99	4.60	5.00	5.16														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks: