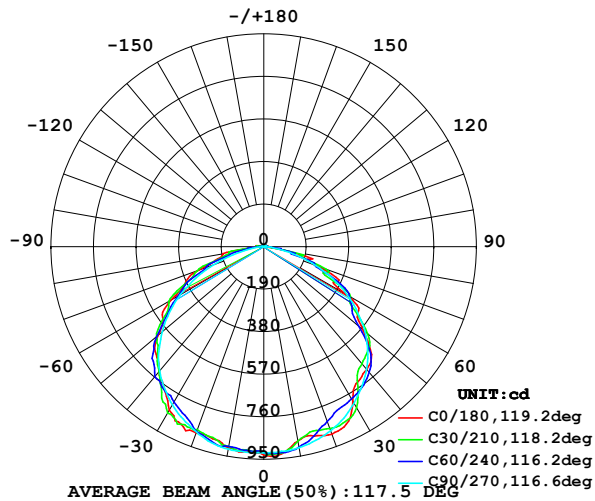


LUMINAIRE PHOTOMETRIC TEST REPORT

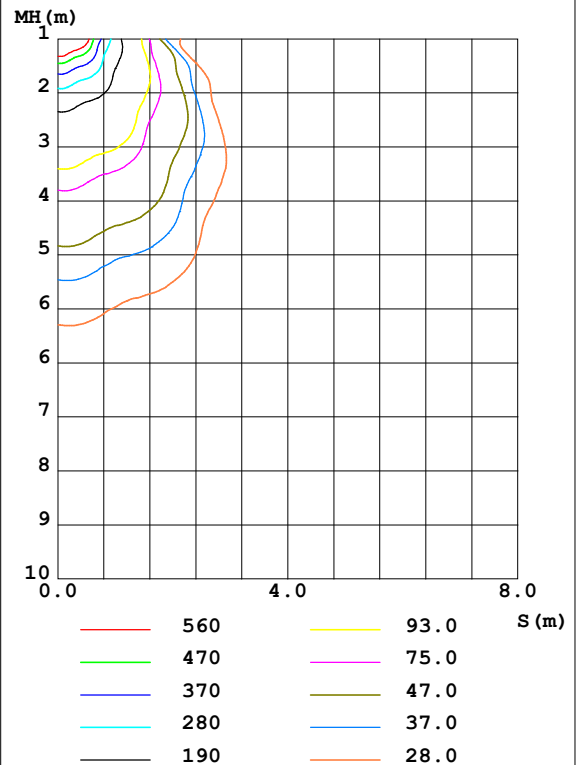
Test:U:221.0V I:0.0930A P:20.20W PF:0.9800 Lamp Flux:2817.88x1 lm		
NAME: T8 120 ALTO FLUJO 20W	TYPE:T8 120 ALTO FLUJO 20W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.50 lm/W			
MODEL T8	120 ALTO FLUJO 20W	Imax(cd)	937.0	S/MH(C0/180)	1.31
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.32
RATED VOLTAGE(V)	AC220V	TOTAL FLUX(lm)	2817.9	η UP,DN(C0-180)	0.7,49.3
NOMINAL FLUX(lm)	2817.88	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.6,49.4
LAMPS INSIDE	1	η up (%)	1.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	221	η down (%)	98.7	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:2019-01-11

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	881.9	898.8	911.4	907.2	911.5	911.1	917.8	887.4	0- 10	86.98	86.98	3.09,3.09
20	892.4	836.7	874.9	849.1	884.9	867.8	881.1	849.3	10- 20	249.3	336.3	11.9,11.9
30	797.1	827.5	806.8	816.6	844.3	842.7	816.6	830.5	20- 30	390.7	726.9	25.8,25.8
40	716.4	685.8	714.0	744.6	725.0	742.1	724.4	674.3	30- 40	477.7	1205	42.7,42.7
50	579.6	584.6	591.2	599.6	615.9	603.2	592.7	590.5	40- 50	508.5	1713	60.8,60.8
60	417.4	420.3	430.4	463.1	479.7	453.9	431.2	406.1	50- 60	467.8	2181	77.4,77.4
70	260.4	217.7	246.7	288.0	317.6	276.0	238.9	224.5	60- 70	355.3	2536	90,90
80	63.29	144.0	69.67	125.5	187.0	117.1	62.16	118.2	70- 80	195.9	2732	97,97
90	19.39	16.87	4.581	20.94	25.71	22.44	3.296	19.56	80- 90	48.05	2780	98.7,98.7
100	10.31	10.16	6.362	11.93	27.03	10.52	4.984	9.167	90-100	17.38	2798	99.3,99.3
110	10.34	10.36	7.955	10.66	9.214	9.631	6.461	9.084	100-110	10.13	2808	99.6,99.6
120	11.10	11.24	9.659	11.54	9.850	10.25	8.100	9.768	110-120	9.694	2817	100,100
130	0	0	0	0	0	0	0	0	120-130	0.4829	2818	100,100
140	0	0	0	0	0	0	0	0	130-140	0	2818	100,100
150	0	0	0	0	0	0	0	0	140-150	0	2818	100,100
160	0	0	0	0	0	0	0	0	150-160	0	2818	100,100
170	0	0	0	0	0	0	0	0	160-170	0	2818	100,100
180	0	0	0	0	0	0	0	0	170-180	0	2818	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

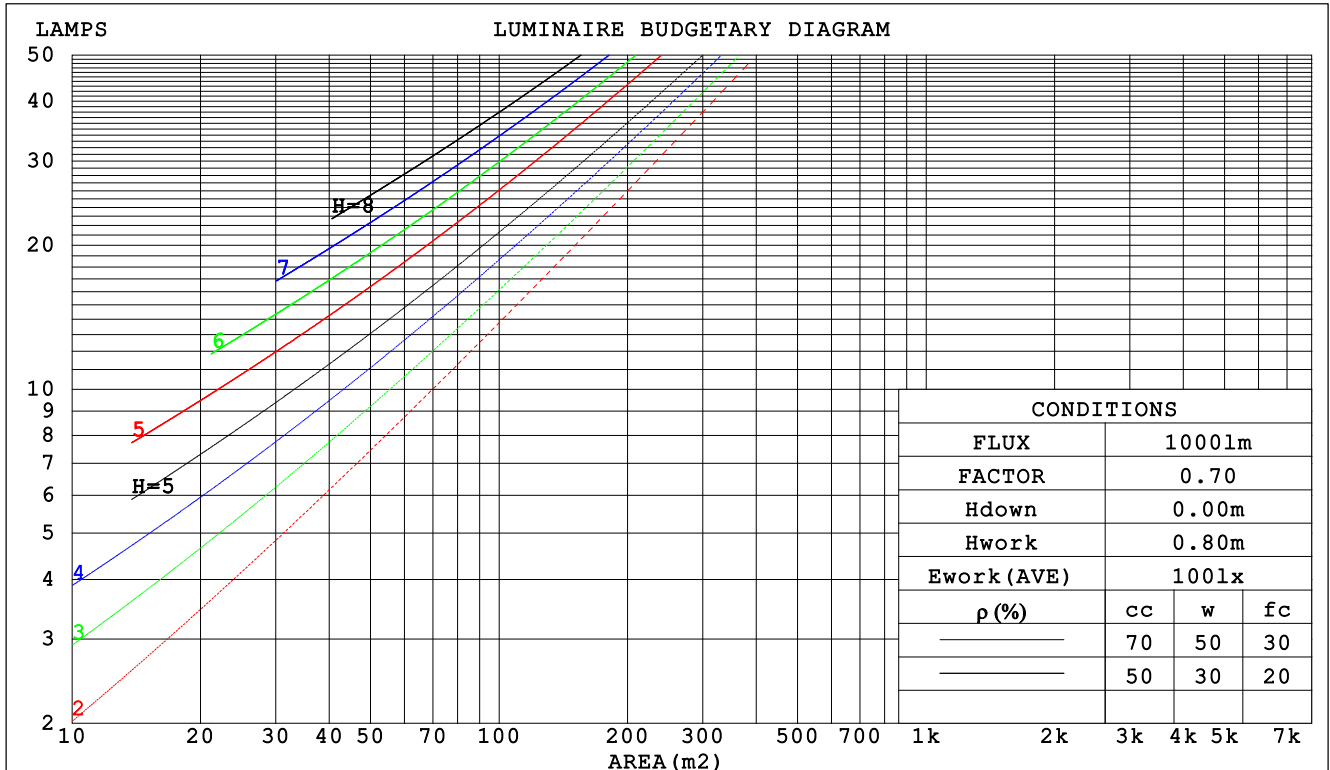
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-01-11

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:221.0V I:0.0930A P:20.20W PF:0.9800 Lamp Flux:2817.88x1 lm		
NAME: T8 120 ALTO FLUJO 20W	TYPE:T8 120 ALTO FLUJO 20W	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															



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-01-11

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:221.0V I:0.0930A P:20.20W PF:0.9800 Lamp Flux:2817.88x1 lm					
NAME: T8 120 ALTO FLUJO 20W			TYPE:T8 120 ALTO FLUJO 20W		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	.310	.176	.056	.303	.173	.055	.289	.166	.053	.276	.159	.051	.264	.153	.049		
2.0	.293	.161	.049	.286	.158	.049	.274	.152	.047	.263	.147	.046	.252	.143	.045		
3.0	.272	.145	.043	.266	.142	.043	.255	.138	.042	.244	.134	.041	.235	.130	.040		
4.0	.251	.130	.038	.246	.129	.038	.236	.125	.037	.227	.122	.037	.218	.119	.036		
5.0	.232	.118	.034	.227	.117	.034	.218	.114	.033	.210	.111	.033	.203	.108	.033		
6.0	.215	.108	.031	.211	.107	.031	.203	.104	.030	.196	.102	.030	.189	.099	.030		
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.187	.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	.075	.021	.147	.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	.201	.201	.201	.172	.172	.172	.117	.117	.117	.067	.067	.067	.022	.022	.022	
1.0	.191	.166	.145	.163	.143	.124	.112	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.183	.142	.108	.157	.122	.094	.107	.085	.065	.062	.049	.038	.020	.016	.012	
3.0	.175	.125	.084	.150	.108	.073	.103	.075	.051	.060	.044	.030	.019	.014	.010	
4.0	.168	.111	.069	.144	.096	.060	.099	.067	.042	.057	.039	.025	.018	.013	.008	
5.0	.160	.101	.057	.138	.087	.050	.095	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.153	.093	.049	.132	.080	.043	.091	.056	.030	.053	.033	.018	.017	.011	.006	
7.0	.146	.086	.044	.126	.074	.038	.087	.052	.027	.051	.031	.016	.016	.010	.005	
8.0	.140	.080	.039	.120	.070	.034	.083	.049	.024	.048	.029	.014	.016	.009	.005	
9.0	.134	.075	.036	.115	.065	.031	.080	.046	.022	.047	.027	.013	.015	.009	.004	
10.0	.128	.071	.033	.110	.062	.029	.077	.043	.020	.045	.026	.012	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-11

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:221.0V I:0.0930A P:20.20W PF:0.9800 Lamp Flux:2817.88x1 lm										
NAME: T8 120 ALTO FLUJO 20W						TYPE:T8 120 ALTO FLUJO 20W			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	28.3	29.8	28.6	30.1	30.3	28.5	30.1	28.8	30.3	30.5
3H	30.0	31.4	30.3	31.6	31.9	29.7	31.1	30.1	31.4	31.7
4H	30.6	31.9	31.0	32.2	32.5	30.2	31.6	30.6	31.8	32.1
6H	31.0	32.3	31.4	32.6	32.9	30.4	31.7	30.8	32.0	32.3
8H	31.0	32.2	31.4	32.5	32.8	30.4	31.6	30.8	31.9	32.3
12H	31.0	32.1	31.3	32.4	32.8	30.4	31.6	30.8	31.9	32.2
4H 2H	28.9	30.2	29.2	30.5	30.8	29.1	30.4	29.4	30.7	31.0
3H	30.7	31.9	31.1	32.2	32.5	30.5	31.7	30.9	32.0	32.3
4H	31.5	32.6	31.9	32.9	33.3	31.1	32.1	31.5	32.5	32.8
6H	32.0	33.0	32.5	33.4	33.8	31.4	32.3	31.8	32.7	33.1
8H	32.0	32.9	32.5	33.3	33.7	31.4	32.3	31.8	32.7	33.1
12H	32.0	32.8	32.4	33.2	33.6	31.4	32.2	31.9	32.6	33.1
8H 4H	31.8	32.6	32.2	33.0	33.4	31.3	32.2	31.8	32.6	33.0
6H	32.4	33.1	32.9	33.6	34.0	31.8	32.5	32.2	32.9	33.4
8H	32.4	33.0	32.9	33.5	34.0	31.9	32.5	32.4	33.0	33.5
12H	32.4	32.9	32.9	33.4	33.9	32.0	32.5	32.5	33.0	33.5
12H 4H	31.8	32.6	32.2	33.0	33.4	31.4	32.2	31.8	32.6	33.0
6H	32.4	33.1	32.9	33.5	34.0	31.8	32.5	32.3	32.9	33.4
8H	32.4	33.0	32.9	33.5	34.0	32.0	32.5	32.5	33.0	33.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.3 / - 0.3				
1.5H	+ 0.4 / - 0.5					+ 0.2 / - 0.5				
2.0H	+ 0.5 / - 0.4					+ 0.5 / - 0.6				

CIE Pub.117 Corrected 2818 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.6)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-11

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:221.0V I:0.0930A P:20.20W PF:0.9800 Lamp Flux:2817.88x1 lm		
NAME: T8 120 ALTO FLUJO 20W	TYPE:T8 120 ALTO FLUJO 20W	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) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	61
2.00	94	85	79	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	94	91	82
5.00	108	103	99	106	101	97	101	97	94	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:2019-01-11

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:221.0V I:0.0930A P:20.20W PF:0.9800 Lamp Flux:2817.88x1 lm		
NAME: T8 120 ALTO FLUJO 20W	TYPE:T8 120 ALTO FLUJO 20W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

1458.7 lm

%lum = 51.8%

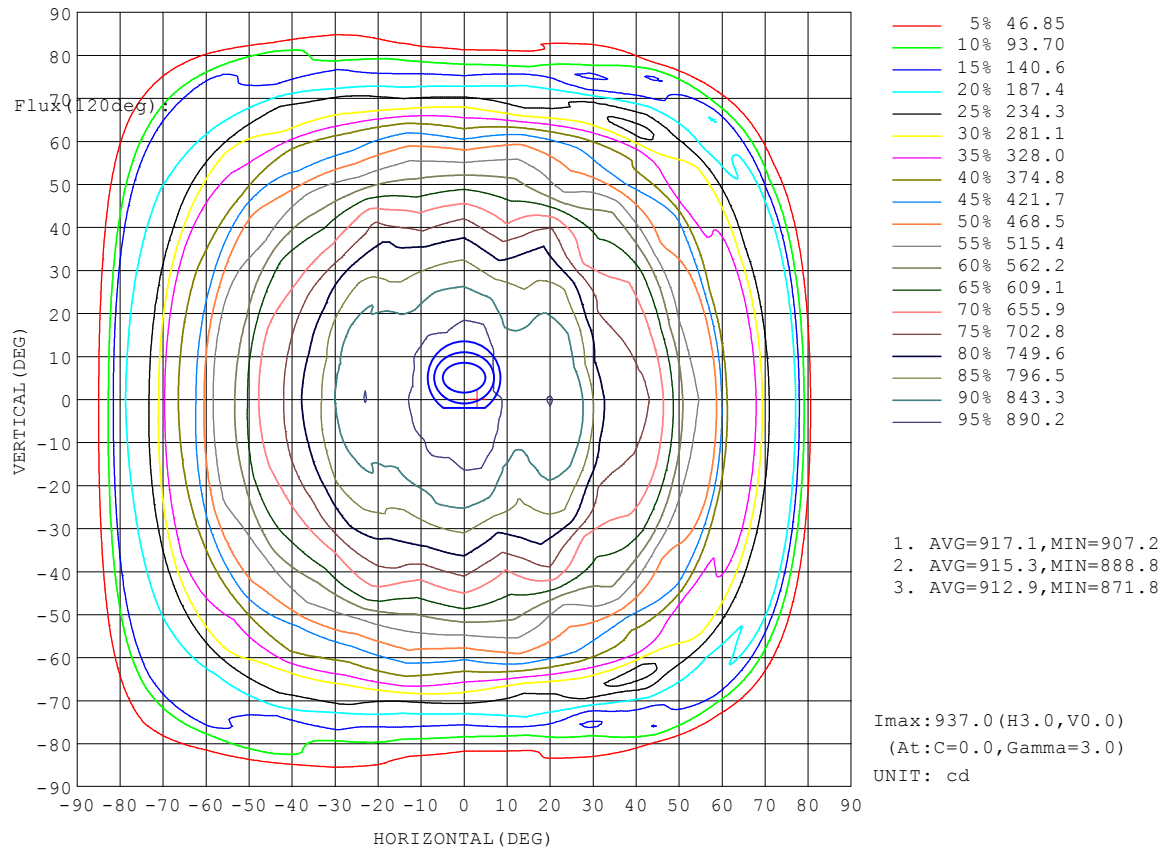
%lamp = 51.8%

Conical surface Flux(120deg):

2180.9 lm

%lum = 77.4%

%lamp = 77.4%

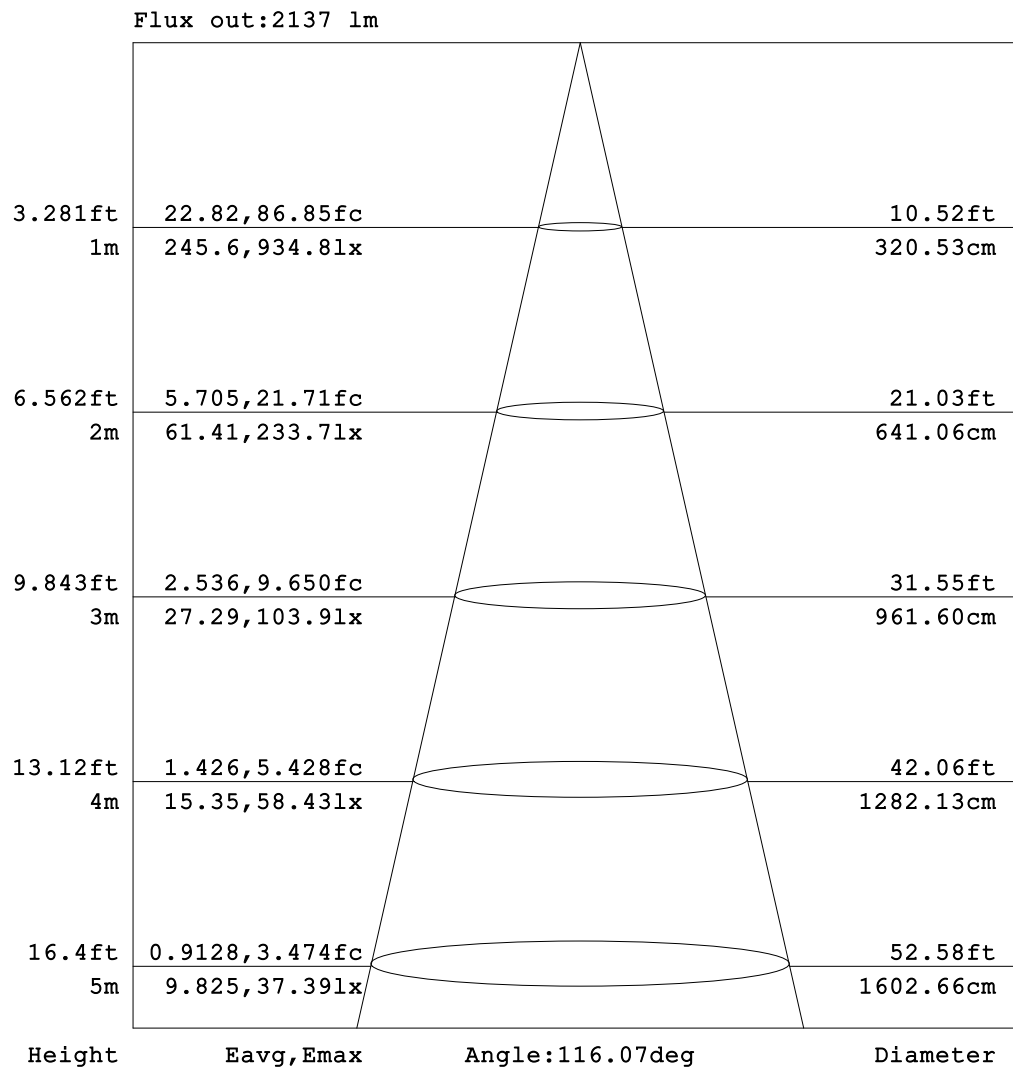


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-11

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:221.0V I:0.0930A P:20.20W PF:0.9800 Lamp Flux:2817.88x1 lm		
NAME: T8 120 ALTO FLUJO 20W	TYPE:T8 120 ALTO FLUJO 20W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:



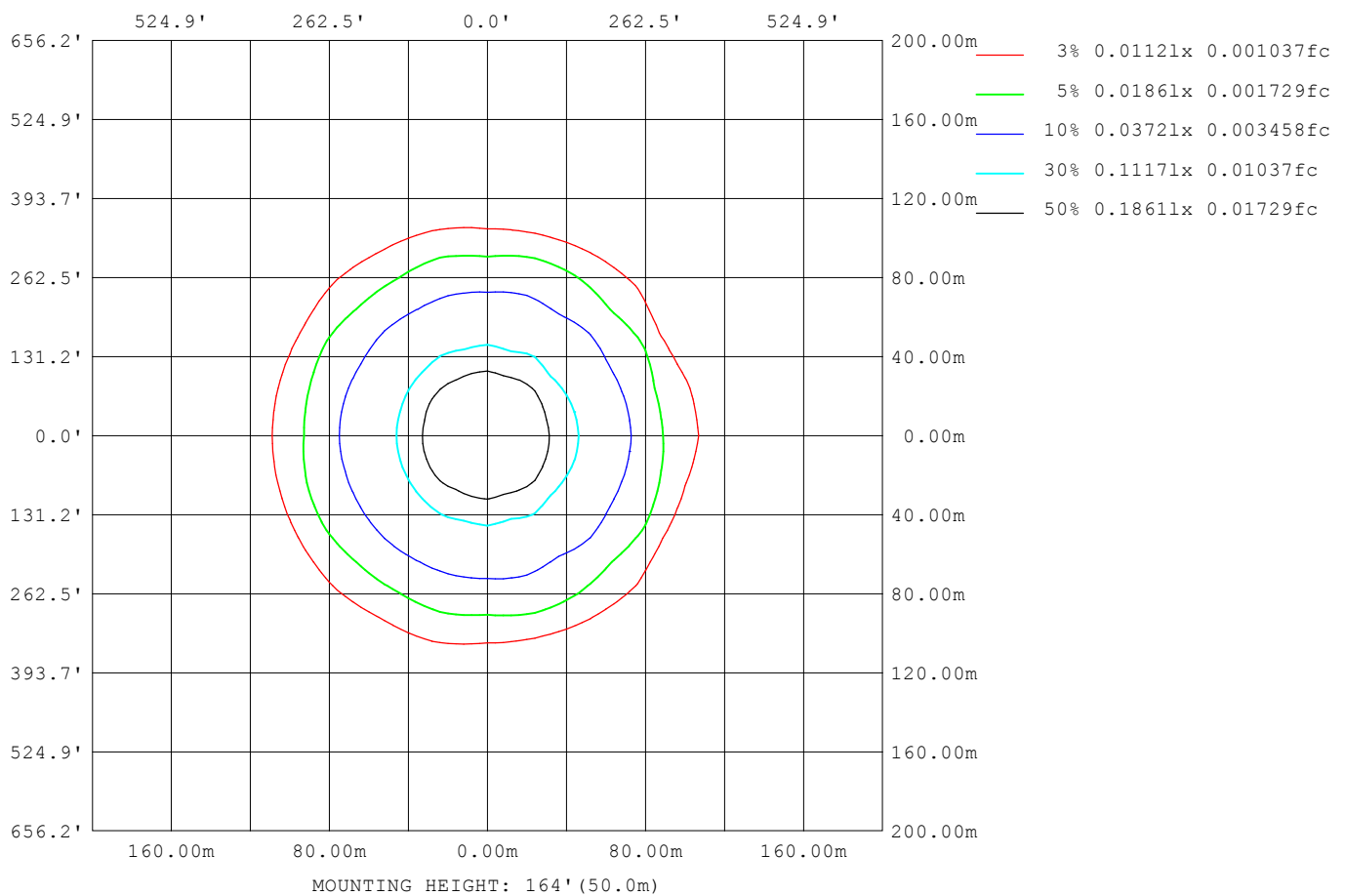
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-11

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

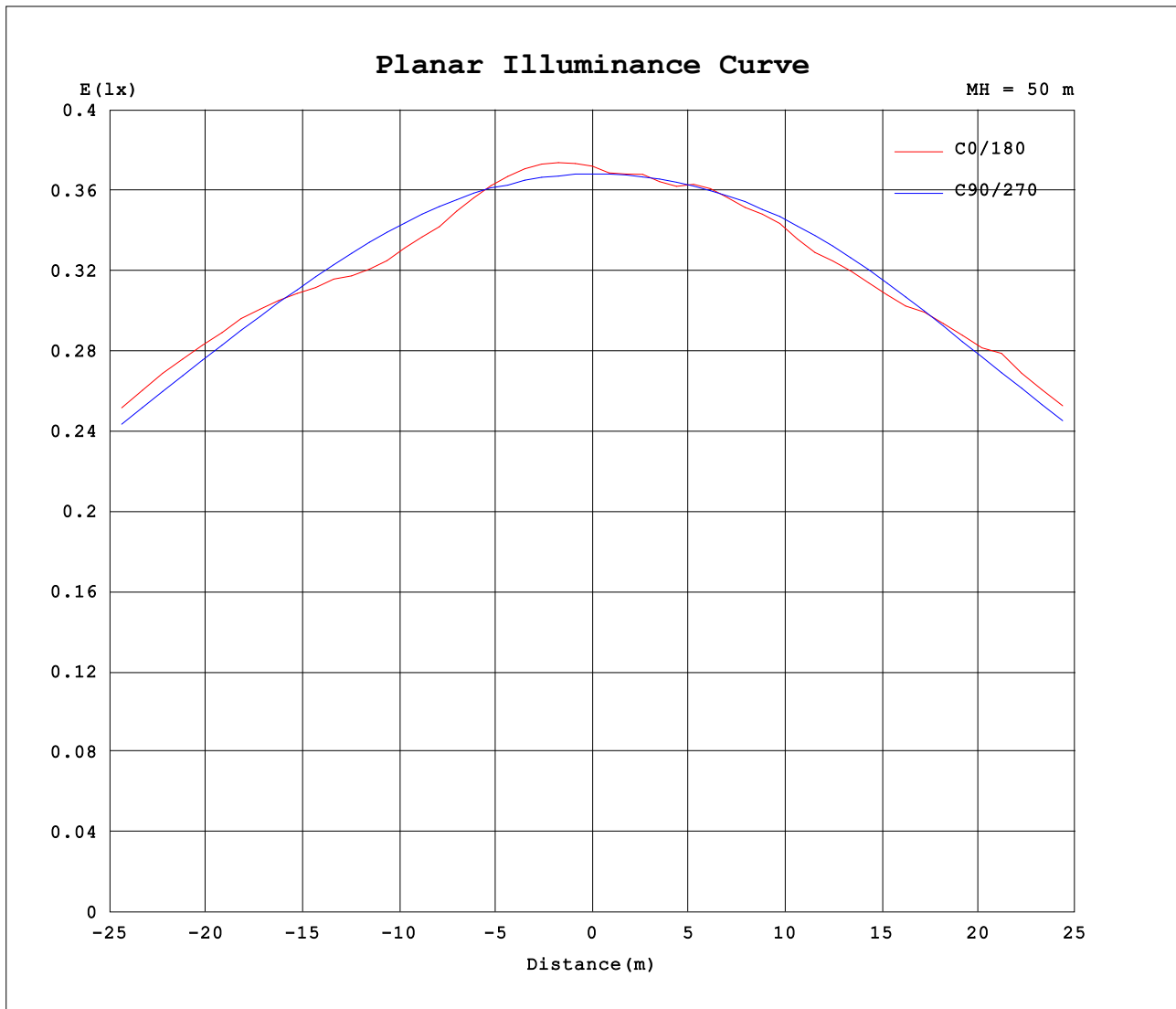
Test:U:221.0V I:0.0930A P:20.20W PF:0.9800 Lamp Flux:2817.88x1 lm		
NAME: T8 120 ALTO FLUJO 20W	TYPE:T8 120 ALTO FLUJO 20W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2019-01-11

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: 2019-01-11

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:221.0V I:0.0930A P:20.20W PF:0.9800 Lamp Flux:2817.88x1 lm		
NAME: T8 120 ALTO FLUJO 20W	TYPE:T8 120 ALTO FLUJO 20W	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	931	921	920	919	920	920	921	922	921	919	919	921	931	921	920	919	920	920	921
5	928	930	925	925	923	921	917	907	908	909	907	907	916	911	911	911	913	913	921
10	882	879	882	899	909	913	911	901	895	907	901	901	912	905	905	911	905	910	918
15	876	867	852	854	874	897	896	884	890	884	875	874	887	886	883	896	901	894	906
20	892	885	864	837	830	866	875	858	860	849	858	865	885	879	869	868	878	872	881
25	875	875	862	841	799	831	846	844	824	826	850	876	875	871	876	852	832	850	851
30	797	809	829	828	785	770	807	797	785	817	833	837	844	843	859	843	803	808	817
35	736	727	729	787	767	716	762	751	756	790	795	779	775	774	795	808	779	767	773
40	716	707	684	686	733	660	714	693	723	745	720	727	725	726	728	742	758	704	724
45	681	680	658	618	675	619	656	633	681	659	663	671	680	679	672	666	706	648	663
50	580	588	606	585	554	579	591	574	622	600	614	631	616	623	626	603	623	579	593
55	514	503	496	539	483	532	512	515	516	534	543	543	551	544	537	546	524	531	516
60	417	445	447	420	441	468	430	466	437	463	477	502	480	485	489	454	444	464	431
65	368	343	302	367	357	339	341	377	368	389	391	386	387	382	381	401	378	373	337
70	260	274	296	218	241	227	247	253	264	288	315	337	318	323	317	276	275	243	239
75	217	197	170	187	130	178	153	159	189	226	203	219	213	210	197	215	175	160	145
80	63.3	74.7	94.6	144	85.4	82.9	69.7	87.1	120	126	154	178	187	182	158	117	96.3	87.2	62.2
85	19.4	19.3	18.4	17.0	23.9	28.8	18.7	37.2	76.3	73.9	61.9	68.1	46.0	44.6	49.7	45.6	58.6	27.2	14.7
90	19.4	19.1	18.6	16.9	15.4	10.1	4.58	13.3	19.2	20.9	23.0	23.8	25.7	26.7	25.2	22.4	18.6	13.2	3.30
95	15.9	15.6	13.2	11.5	9.94	7.70	5.46	8.64	16.1	31.2	31.2	28.1	31.3	32.1	31.8	30.6	13.9	7.35	4.19
100	10.3	10.5	10.5	10.2	9.39	7.77	6.36	8.10	10.0	11.9	18.1	32.8	27.0	22.3	15.1	10.5	9.02	6.92	4.98
105	10.1	10.4	10.4	10.2	9.47	8.25	7.19	8.59	9.90	10.5	10.9	11.2	9.64	9.95	10.0	9.56	8.81	7.35	5.70
110	10.3	10.6	10.6	10.4	9.90	8.76	7.95	9.01	10.3	10.7	10.8	10.6	9.21	9.62	9.83	9.63	9.05	7.72	6.46
115	10.7	10.9	10.9	10.7	10.4	9.40	8.82	9.70	10.7	11.0	11.0	10.8	9.41	9.77	10.0	9.84	9.39	8.30	7.28
120	11.1	11.3	11.3	11.2	10.9	10.1	9.66	10.3	11.1	11.5	11.4	11.2	9.85	10.1	10.3	10.2	9.63	8.79	8.10
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:2019-01-11

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:221.0V I:0.0930A P:20.20W PF:0.9800 Lamp Flux:2817.88x1 lm		
NAME: T8 120 ALTO FLUJO 20W	TYPE:T8 120 ALTO FLUJO 20W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	922	921	919	919	921														
5	924	924	921	913	909														
10	921	908	887	870	865														
15	908	877	855	855	865														
20	875	836	849	870	879														
25	835	806	851	864	860														
30	782	793	830	822	780														
35	728	781	783	720	722														
40	671	746	674	685	701														
45	628	684	624	659	666														
50	580	559	590	593	563														
55	537	488	529	481	499														
60	471	442	406	447	396														
65	336	357	365	290	356														
70	218	240	225	277	237														
75	168	119	154	167	216														
80	78.3	72.8	118	63.3	38.2														
85	22.8	18.8	16.3	18.3	17.6														
90	8.38	16.1	19.6	19.7	21.1														
95	6.31	8.77	9.89	10.9	11.5														
100	6.37	8.20	9.17	9.47	9.39														
105	6.78	8.20	9.04	9.34	9.19														
110	7.21	8.50	9.08	9.35	9.30														
115	7.83	8.93	9.38	9.56	9.55														
120	8.37	9.19	9.77	9.91	9.90														
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:2019-01-11

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: