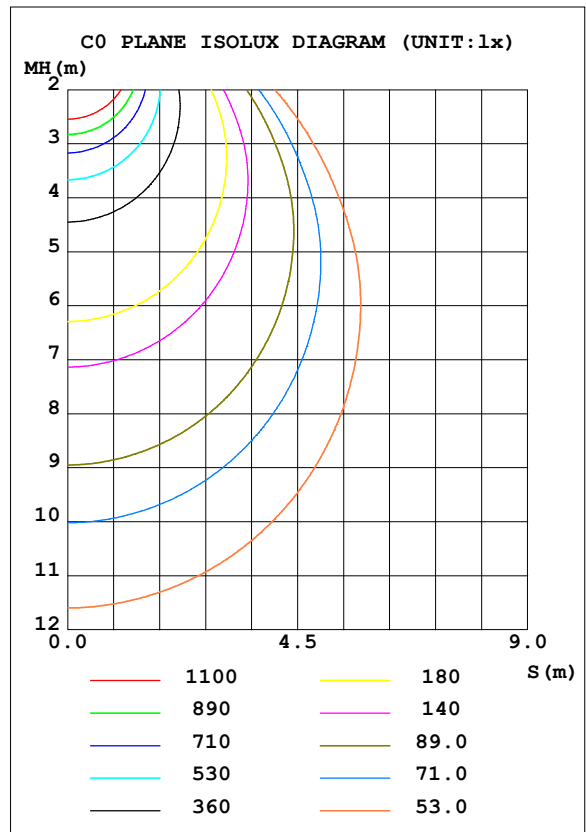
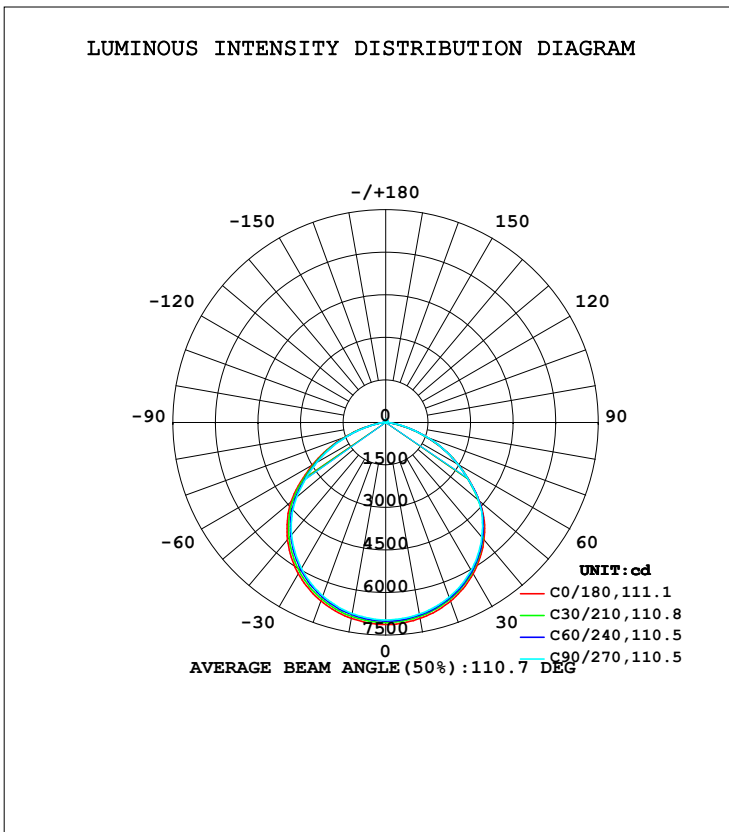


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:122.00V I:1.2732A P:155.32W PF:0.9867 Freq:50.03Hz Lamp Flux:19419.2x1 lm		
NAME: ASD-UHB2-150D35-STD	TYPE:0	
MFR.: EVERFINE		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.02 lm/W			
MODEL	ASD-UHB2-150D35-STD	I _{max} (cd)	7127	S/MH (C0/180)	1.28
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	19419	η UP, DN (C0-180)	0.7, 49.9
NOMINAL FLUX (lm)	19419.2	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.7, 48.7
LAMPS INSIDE	1	η up (%)	1.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	98.6	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: C
 Test Date: 29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

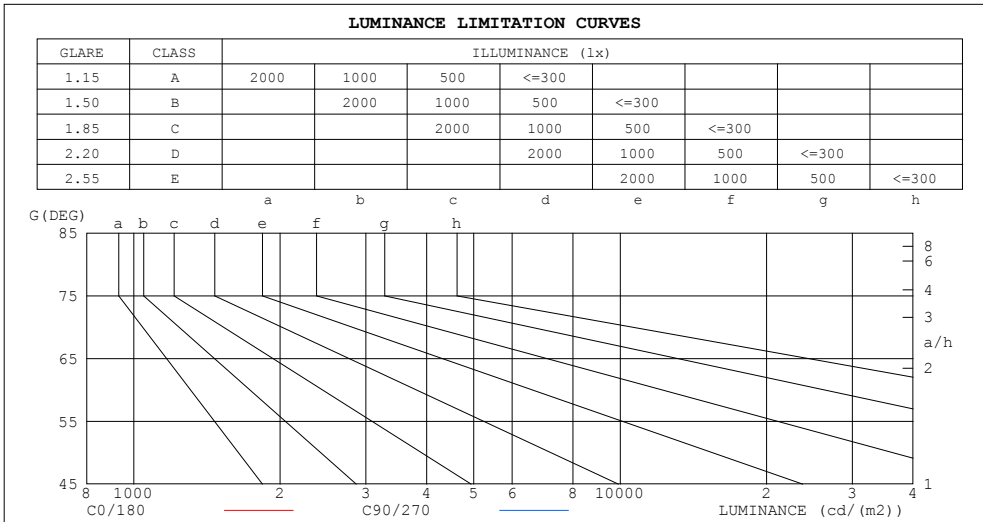
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	7014	6922	6859	6809	7012	6907	6839	6791	0- 10	661.2	661.2	3.4,3.4
20	6702	6617	6554	6501	6695	6579	6503	6463	10- 20	1903	2564	13.2,13.2
30	6164	6092	6027	5975	6161	6023	5945	5916	20- 30	2910	5474	28.2,28.2
40	5396	5338	5279	5234	5389	5239	5165	5146	30- 40	3541	9015	46.4,46.4
50	4311	4297	4282	4256	4364	4194	4098	4073	40- 50	3679	12694	65.4,65.4
60	2956	2961	2925	2908	2972	2836	2791	2754	50- 60	3165	15860	81.7,81.7
70	1552	1591	1600	1588	1560	1475	1446	1439	60- 70	2184	18044	92.9,92.9
80	369.8	419.6	428.4	418.6	369.4	346.4	335.9	331.4	70- 80	964.5	19008	97.9,97.9
90	6.333	6.046	6.079	5.972	5.416	5.671	5.726	5.636	80- 90	133.1	19141	98.6,98.6
100	15.37	14.75	14.50	14.51	14.65	14.97	15.08	14.94	90-100	10.77	19152	98.6,98.6
110	29.26	28.13	27.98	27.97	28.85	29.16	29.04	28.99	100-110	22.57	19174	98.7,98.7
120	45.29	44.18	44.29	43.90	45.10	44.92	44.82	44.62	110-120	36.17	19211	98.9,98.9
130	60.29	60.34	58.88	59.24	59.52	58.78	58.55	57.76	120-130	46.62	19257	99.2,99.2
140	66.77	65.18	64.34	64.10	69.26	68.14	67.74	64.77	130-140	48.67	19306	99.4,99.4
150	73.96	72.57	71.64	71.53	78.99	77.61	77.12	75.75	140-150	44.24	19350	99.6,99.6
160	80.76	79.50	78.68	78.52	85.97	84.50	83.91	82.28	150-160	36.13	19386	99.8,99.8
170	87.10	85.63	85.22	84.85	93.75	90.67	91.39	90.05	160-170	23.93	19410	100,100
180	106.5	99.47	103.9	104.3	107.2	99.28	102.8	103.9	170-180	9.027	19419	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:122.00V I:1.2732A P:155.32W PF:0.9867 Freq:50.03Hz Lamp Flux:19419.2x1 lm		
NAME: ASD-UHB2-150D35-STD	TYPE:0	
MFR.: EVERFINE		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	34292	49960
80	83848	97120
75	138555	146921
70	178692	184130
65	211869	211904
60	232761	230278
55	248829	247033
50	264061	262258
45	273794	268602

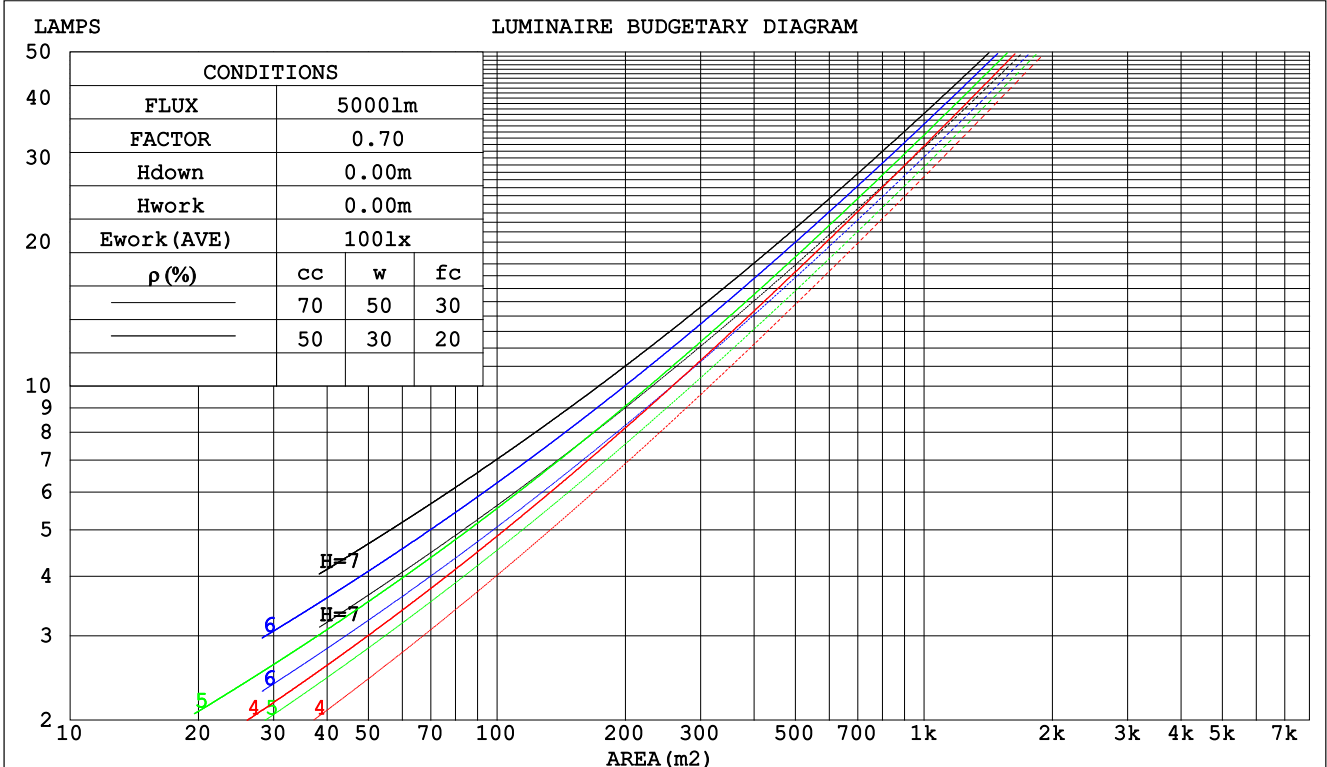
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:122.00V I:1.2732A P:155.32W PF:0.9867 Freq:50.03Hz Lamp Flux:19419.2x1 lm		
NAME: ASD-UHB2-150D35-STD	TYPE:0	
MFR.: EVERFINE		

ρcc	80%			70%			50%			30%			10%			0
	ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
ρfc	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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.05	1.01	.97	1.02	.99	.96	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.79	.75	.79	.76	.73	.71
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.73	.68	.63	.70	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.54	.51
5.0	.64	.55	.49	.63	.55	.49	.61	.53	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.49	.42	.55	.47	.42	.53	.47	.42	.51	.46	.41	.39
7.0	.52	.44	.38	.52	.43	.38	.50	.43	.37	.48	.42	.37	.47	.41	.36	.34
8.0	.48	.39	.34	.47	.39	.33	.46	.38	.33	.44	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.28
10.0	.40	.33	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:122.00V I:1.2732A P:155.32W PF:0.9867 Freq:50.03Hz Lamp Flux:19419.2x1 lm		
NAME: ASD-UHB2-150D35-STD	TYPE:0	
MFR.: EVERFINE		

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	.285	.162	.051	.278	.158	.050	.264	.151	.048	.251	.145	.046	.239	.139	.045	
2.0	.275	.151	.046	.268	.148	.046	.256	.142	.044	.245	.137	.043	.234	.132	.042	
3.0	.258	.137	.041	.252	.135	.041	.241	.131	.040	.231	.127	.039	.222	.123	.038	
4.0	.240	.125	.037	.235	.123	.036	.225	.119	.036	.216	.116	.035	.208	.113	.034	
5.0	.223	.114	.033	.219	.112	.033	.210	.109	.032	.202	.107	.032	.195	.104	.031	
6.0	.208	.104	.030	.204	.103	.030	.196	.101	.029	.189	.098	.029	.182	.096	.029	
7.0	.194	.096	.027	.191	.095	.027	.184	.093	.027	.177	.091	.026	.171	.089	.026	
8.0	.182	.089	.025	.179	.088	.025	.173	.086	.025	.167	.085	.024	.161	.083	.024	
9.0	.171	.083	.023	.168	.082	.023	.163	.080	.023	.157	.079	.023	.152	.077	.022	
10.0	.161	.077	.021	.159	.077	.021	.153	.075	.021	.149	.074	.021	.144	.072	.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	.190	.167	.147	.162	.144	.127	.111	.099	.088	.064	.057	.051	.020	.018	.016	
2.0	.181	.143	.111	.155	.123	.096	.106	.085	.067	.061	.050	.039	.020	.016	.013	
3.0	.173	.125	.087	.149	.108	.076	.102	.075	.053	.059	.044	.031	.019	.014	.010	
4.0	.166	.112	.071	.142	.097	.062	.098	.067	.043	.057	.039	.026	.018	.013	.008	
5.0	.159	.102	.059	.136	.088	.052	.094	.061	.037	.054	.036	.022	.018	.012	.007	
6.0	.152	.093	.051	.130	.081	.045	.090	.056	.032	.052	.033	.019	.017	.011	.006	
7.0	.145	.086	.045	.125	.075	.039	.086	.052	.028	.050	.031	.017	.016	.010	.005	
8.0	.139	.081	.040	.119	.070	.035	.083	.049	.025	.048	.029	.015	.016	.009	.005	
9.0	.133	.076	.037	.115	.066	.032	.079	.046	.023	.046	.027	.014	.015	.009	.005	
10.0	.127	.071	.034	.110	.062	.030	.076	.044	.021	.044	.026	.013	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:122.00V I:1.2732A P:155.32W PF:0.9867 Freq:50.03Hz Lamp Flux:19419.2x1 lm										
NAME: ASD-UHB2-150D35-STD					TYPE:0					
MFR.: EVERFINE										

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	21.7	23.2	22.0	23.4	23.7	21.7	23.2	22.0	23.4	23.7
3H	22.9	24.3	23.2	24.5	24.8	22.9	24.3	23.3	24.5	24.8
4H	23.2	24.5	23.6	24.8	25.1	23.3	24.6	23.6	24.8	25.1
6H	23.3	24.5	23.7	24.8	25.1	23.4	24.6	23.8	24.9	25.2
8H	23.3	24.5	23.7	24.8	25.1	23.4	24.6	23.8	24.9	25.2
12H	23.3	24.4	23.6	24.7	25.0	23.4	24.5	23.8	24.8	25.2
4H 2H	22.3	23.5	22.6	23.8	24.1	22.3	23.5	22.6	23.8	24.1
3H	23.6	24.7	23.9	25.0	25.3	23.6	24.7	24.0	25.0	25.4
4H	24.0	25.0	24.4	25.3	25.7	24.1	25.1	24.4	25.4	25.8
6H	24.1	25.0	24.6	25.4	25.8	24.3	25.2	24.7	25.5	25.9
8H	24.1	25.0	24.6	25.4	25.8	24.3	25.1	24.7	25.5	25.9
12H	24.1	24.9	24.6	25.3	25.7	24.3	25.0	24.7	25.4	25.9
8H 4H	24.1	24.9	24.5	25.3	25.7	24.2	25.0	24.6	25.4	25.8
6H	24.3	25.0	24.8	25.4	25.9	24.5	25.1	24.9	25.6	26.0
8H	24.4	25.0	24.8	25.4	25.9	24.5	25.1	25.0	25.6	26.0
12H	24.3	24.9	24.8	25.3	25.8	24.5	25.0	25.0	25.5	26.0
12H 4H	24.1	24.8	24.5	25.2	25.7	24.1	24.9	24.6	25.3	25.7
6H	24.3	24.9	24.8	25.4	25.8	24.4	25.0	24.9	25.5	26.0
8H	24.4	24.9	24.9	25.3	25.8	24.5	25.0	25.0	25.5	26.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.5				
2.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4				

CIE Pub.117, 19419 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 10.3)
 Area: 0.0254 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:122.00V I:1.2732A P:155.32W PF:0.9867 Freq:50.03Hz Lamp Flux:19419.2x1 lm		
NAME: ASD-UHB2-150D35-STD	TYPE:0	
MFR.: EVERFINE		

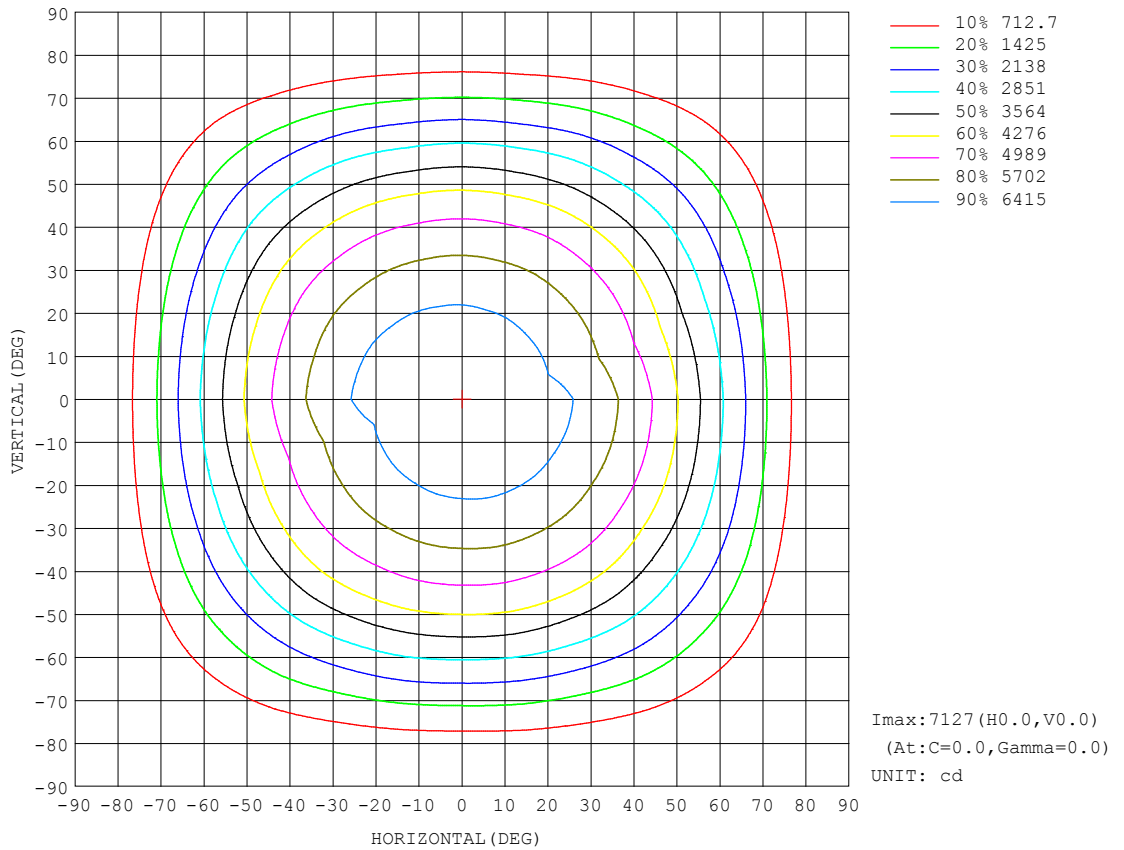
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	57	47	40	56	46	40	33
0.80	69	57	50	67	57	50	66	56	49	43
1.00	77	66	59	76	66	59	74	67	58	51
1.25	84	74	67	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	84	77	71	64
2.00	96	88	82	94	87	81	91	84	79	72
2.50	100	93	87	98	91	86	94	88	84	75
3.00	103	97	91	101	95	90	97	92	88	79
4.00	107	102	97	104	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
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:C
 Test Date:29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:122.00V I:1.2732A P:155.32W PF:0.9867 Freq:50.03Hz Lamp Flux:19419.2x1 lm		
NAME: ASD-UHB2-150D35-STD	TYPE:0	
MFR.: EVERFINE		

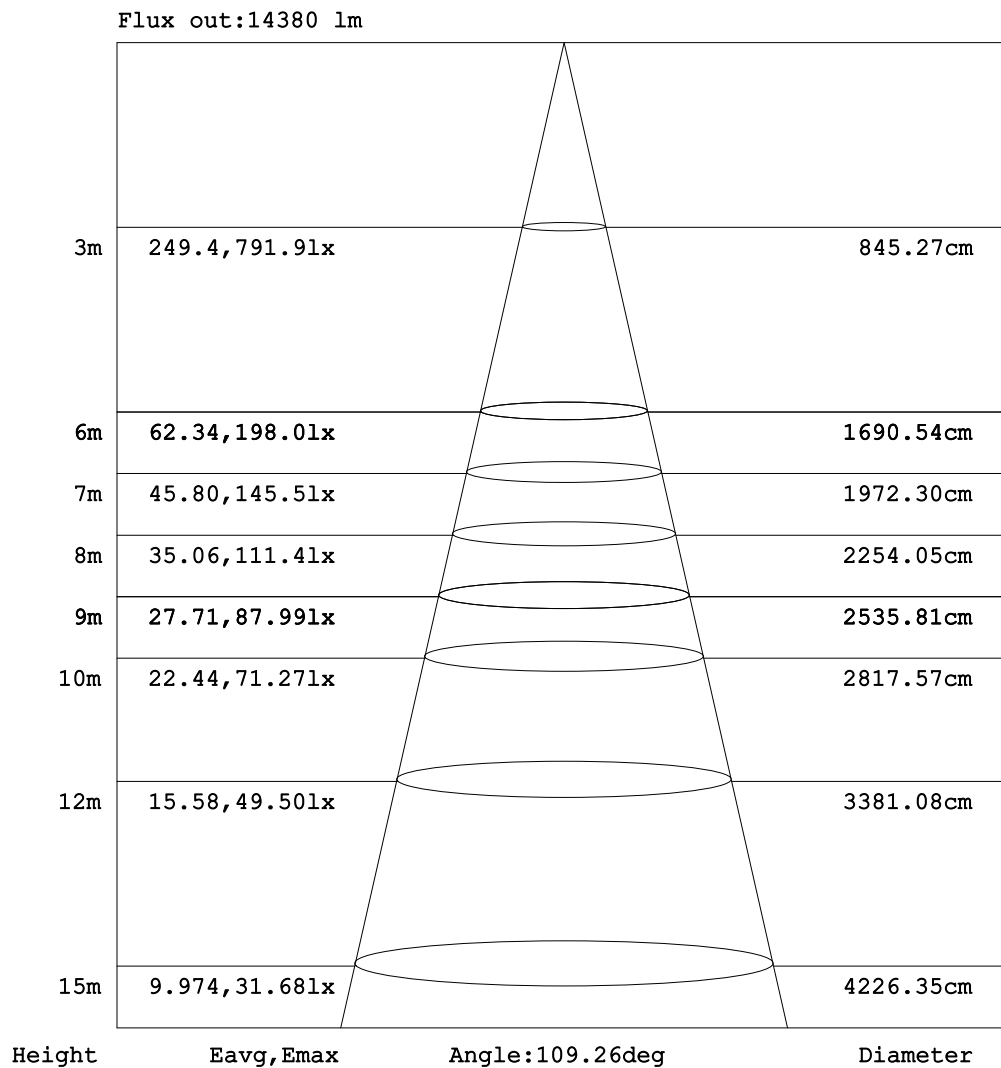


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: C
 Test Date: 29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

AAI Figure

Test:U:122.00V I:1.2732A P:155.32W PF:0.9867 Freq:50.03Hz Lamp Flux:19419.2x1 lm		
NAME: ASD-UHB2-150D35-STD	TYPE:0	
MFR.: EVERFINE		



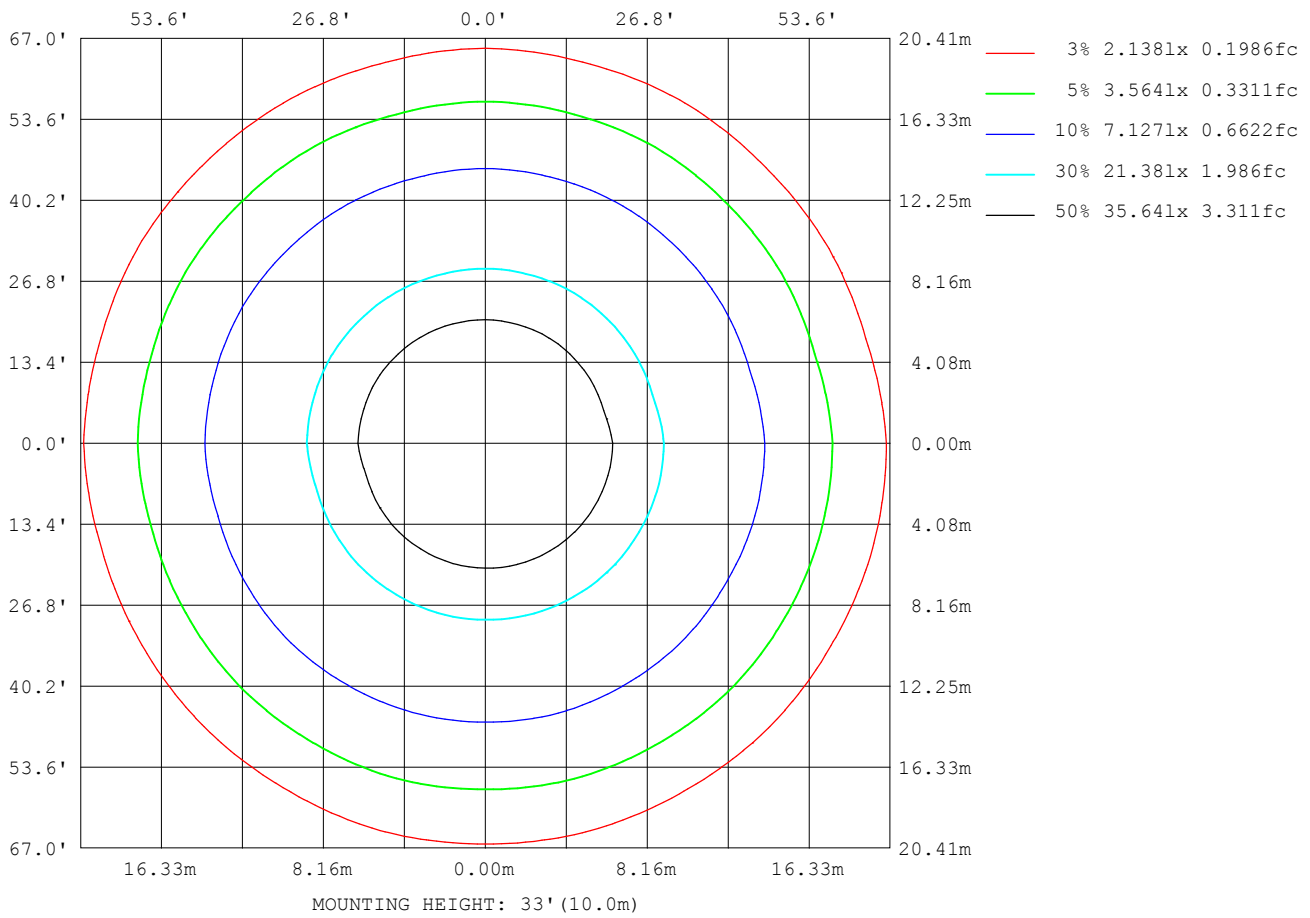
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:122.00V I:1.2732A P:155.32W PF:0.9867 Freq:50.03Hz Lamp Flux:19419.2x1 lm		
NAME: ASD-UHB2-150D35-STD	TYPE:0	
MFR.: EVERFINE		



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:122.00V I:1.2732A P:155.32W PF:0.9867 Freq:50.03Hz Lamp Flux:19419.2x1 lm		
NAME: ASD-UHB2-150D35-STD	TYPE:0	
MFR.: EVERFINE		

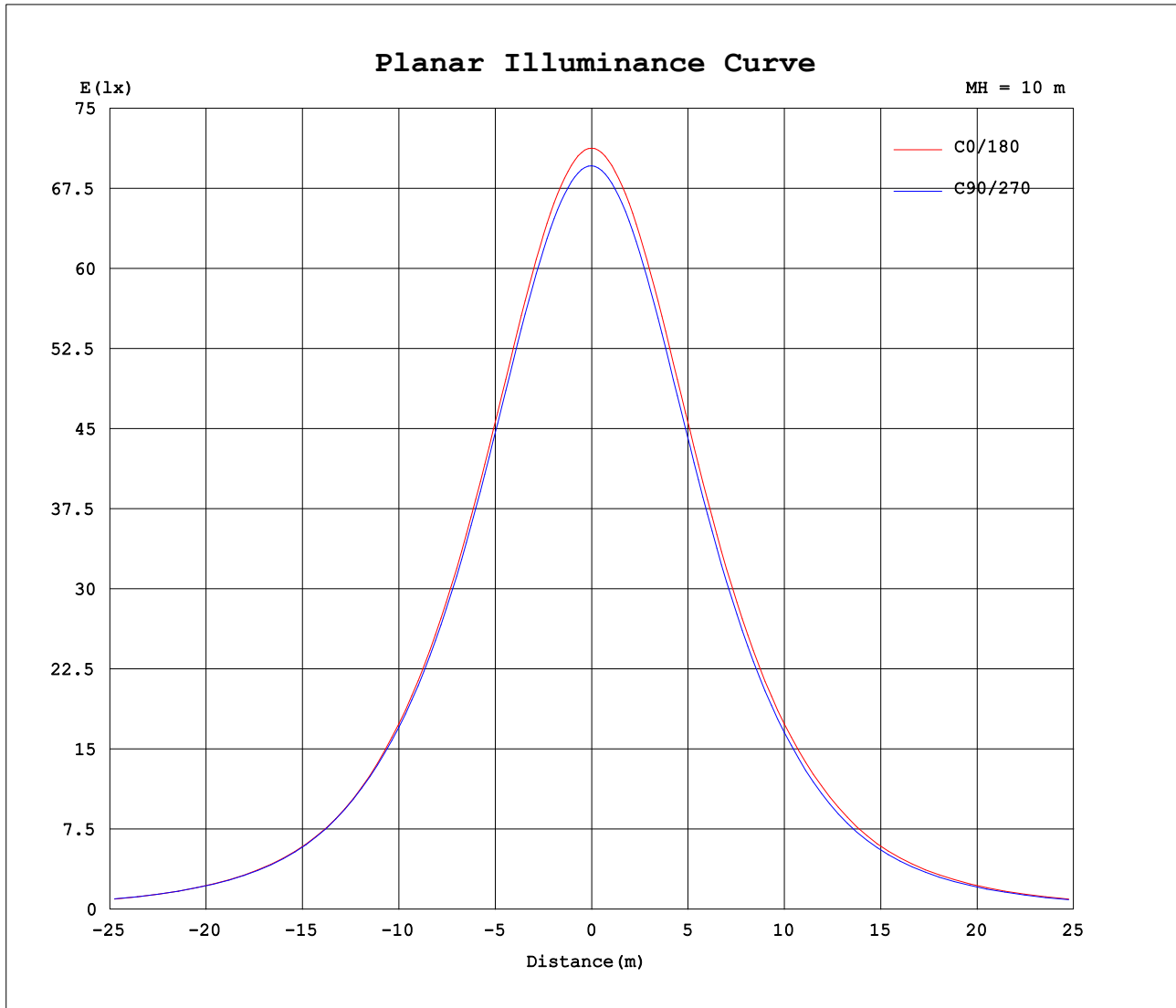
AvgL	cd/m2
L_0~180 (65) av	212212
L_0~180 (75) av	138733
L_0~180 (85) av	34526
L_90~270 (65) av	205645
L_90~270 (75) av	137054
L_90~270 (85) av	40163
L_45 (65) av	205322
L_45 (75) av	136933
L_45 (85) av	38276

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 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:C
 Test Date:29 August 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:122.00V I:1.2732A P:155.32W PF:0.9867 Freq:50.03Hz Lamp Flux:19419.2x1 lm		
NAME: ASD-UHB2-150D35-STD	TYPE:0	
MFR.: EVERFINE		

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	7127	7090	7057	7029	7004	6982	6962	6945	6930	6915	6902	6889	7127	7090	7057	7029	7004	6982	6962
5	7095	7059	7026	7001	6977	6957	6937	6920	6903	6888	6873	6859	7094	7055	7024	6992	6967	6942	6926
10	7014	6980	6944	6922	6900	6880	6859	6842	6823	6809	6793	6779	7012	6971	6941	6907	6882	6855	6839
15	6886	6852	6815	6796	6774	6757	6733	6716	6694	6682	6664	6649	6881	6840	6811	6772	6745	6715	6699
20	6702	6669	6633	6617	6595	6579	6554	6537	6515	6501	6482	6469	6695	6654	6622	6579	6549	6518	6503
25	6463	6433	6396	6383	6360	6348	6319	6303	6279	6267	6245	6231	6457	6411	6379	6330	6299	6266	6253
30	6164	6137	6101	6092	6069	6058	6027	6012	5985	5975	5950	5938	6161	6108	6077	6023	5991	5956	5945
35	5809	5786	5748	5743	5720	5712	5679	5666	5636	5631	5603	5589	5804	5750	5720	5659	5625	5587	5583
40	5396	5374	5337	5338	5316	5312	5279	5269	5236	5234	5204	5186	5389	5332	5305	5239	5207	5165	5165
45	4917	4901	4863	4873	4855	4853	4824	4812	4777	4778	4742	4727	4912	4855	4826	4761	4727	4684	4688
50	4311	4305	4266	4297	4295	4315	4282	4282	4248	4256	4217	4201	4364	4301	4274	4194	4154	4096	4098
55	3625	3621	3584	3620	3606	3634	3599	3603	3580	3594	3550	3532	3666	3603	3581	3506	3475	3419	3435
60	2956	2950	2939	2961	2935	2954	2925	2946	2906	2908	2876	2870	2972	2900	2895	2836	2817	2762	2791
65	2274	2286	2269	2292	2275	2291	2275	2287	2245	2243	2222	2209	2282	2220	2222	2170	2162	2115	2140
70	1552	1578	1557	1591	1591	1626	1600	1600	1566	1588	1541	1529	1560	1534	1528	1475	1467	1433	1446
75	911	935	927	967	968	986	966	977	946	947	920	912	913	887	898	854	849	828	836
80	370	391	393	420	425	443	428	432	412	419	396	390	369	362	367	346	343	328	336
85	75.9	83.6	95.8	99.8	103	111	111	110	104	102	98.0	91.3	76.9	74.9	78.5	69.7	68.5	62.8	67.2
90	6.33	6.22	6.24	6.05	6.11	5.92	6.08	5.91	6.09	5.97	6.14	6.15	5.42	5.50	5.48	5.67	5.71	5.81	5.73
95	10.2	10.0	10.1	9.76	9.69	9.49	9.61	9.52	9.69	9.61	9.81	9.87	9.23	9.40	9.32	9.66	9.66	9.87	9.71
100	15.4	15.2	15.1	14.8	14.6	14.4	14.5	14.4	14.6	14.5	14.8	14.8	14.6	14.7	14.7	15.0	15.1	15.2	15.1
105	21.8	21.5	21.4	21.0	20.8	20.5	20.6	20.5	20.7	20.6	20.9	21.0	21.2	21.4	21.2	21.6	21.6	21.9	21.7
110	29.3	28.9	28.8	28.1	28.1	27.9	28.0	27.8	28.1	28.0	28.3	28.4	28.8	28.9	28.6	29.2	29.1	29.4	29.0
115	37.3	36.9	36.8	36.0	35.8	35.9	36.1	35.9	36.2	35.9	36.4	36.5	37.0	36.8	36.5	37.0	37.0	37.1	36.9
120	45.3	45.2	45.1	44.2	43.5	44.0	44.3	44.2	44.3	43.9	44.5	44.8	45.1	44.8	44.5	44.9	44.9	45.0	44.8
125	53.2	53.5	53.7	52.6	51.2	51.2	52.4	52.3	52.1	52.0	52.8	52.9	52.8	52.4	52.1	52.4	52.4	52.4	52.2
130	60.3	60.7	61.1	60.3	58.6	57.6	58.9	59.5	58.9	59.2	59.8	59.9	59.5	59.0	58.7	58.8	58.8	58.7	58.6
135	64.2	64.0	63.9	63.4	62.7	61.5	60.8	62.4	62.1	62.4	62.4	62.7	65.1	64.4	64.1	64.1	64.1	63.9	63.9
140	66.8	66.3	65.7	65.2	64.6	64.5	64.3	64.2	64.2	64.1	64.2	64.3	69.3	68.5	68.2	68.1	68.1	67.8	67.7
145	70.6	70.3	69.6	69.2	68.5	68.4	68.3	68.2	68.2	68.1	68.1	68.2	74.1	73.4	73.0	72.9	72.8	72.5	72.3
150	74.0	73.5	72.9	72.6	72.0	71.8	71.6	71.6	71.6	71.5	71.5	71.5	79.0	78.2	77.9	77.6	77.6	77.1	77.1
155	77.7	77.3	76.7	76.4	75.9	75.8	75.5	75.5	75.4	75.3	75.3	75.3	82.8	81.9	81.7	81.3	81.2	80.8	80.8
160	80.8	80.4	79.7	79.5	79.0	79.0	78.7	78.7	78.6	78.5	78.4	78.4	86.0	85.1	84.8	84.5	84.3	83.9	83.9
165	83.6	83.2	82.5	82.4	82.0	81.8	81.6	81.6	81.4	81.3	81.2	81.2	89.3	88.4	88.1	87.8	87.7	87.0	87.1
170	87.1	86.5	85.7	85.6	85.4	85.4	85.2	85.2	84.9	84.8	84.7	84.6	93.7	92.8	92.5	90.7	91.5	91.5	91.4
175	105	99.9	98.0	99.8	97.6	98.9	101	103	103	103	103	103	105	104	98.9	98.4	98.1	103	102
180	107	105	100	99.5	100	101	104	105	104	104	104	104	107	105	101	99.3	100	103	103

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:29 August 2019

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γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

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NAME: ASD-UHB2-150D35-STD	TYPE:0	
MFR.: EVERFINE		

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	6945	6930	6915	6902	6889														
5	6907	6893	6877	6866	6853														
10	6819	6807	6791	6783	6771														
15	6679	6671	6655	6649	6639														
20	6483	6477	6463	6461	6453														
25	6232	6228	6216	6216	6210														
30	5925	5926	5916	5916	5910														
35	5565	5573	5557	5562	5554														
40	5149	5164	5146	5152	5144														
45	4672	4689	4674	4685	4674														
50	4064	4089	4073	4090	4076														
55	3413	3422	3403	3429	3429														
60	2762	2783	2754	2789	2783														
65	2104	2136	2112	2148	2144														
70	1433	1456	1439	1466	1475														
75	824	845	833	857	864														
80	327	342	331	352	356														
85	64.3	70.4	67.2	74.5	75.6														
90	5.77	5.62	5.64	5.49	5.45														
95	9.79	9.54	9.63	9.37	9.32														
100	15.1	14.9	14.9	14.7	14.5														
105	21.8	21.4	21.6	21.2	21.1														
110	29.2	28.8	29.0	28.5	28.5														
115	37.0	36.6	36.7	36.0	36.3														
120	44.9	44.5	44.6	43.7	44.2														
125	52.2	51.9	51.7	50.6	51.5														
130	58.5	58.1	57.8	57.2	57.8														
135	63.8	63.3	61.2	63.1	63.0														
140	67.6	67.0	64.8	67.1	66.9														
145	72.3	71.6	71.0	71.7	71.6														
150	77.0	75.5	75.7	76.6	76.3														
155	80.5	78.3	79.3	80.2	79.9														
160	83.6	81.6	82.3	83.3	83.1														
165	86.9	85.5	85.5	86.6	86.4														
170	91.2	90.4	90.0	90.9	90.7														
175	102	101	101	102	102														
180	105	104	104	104	104														

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