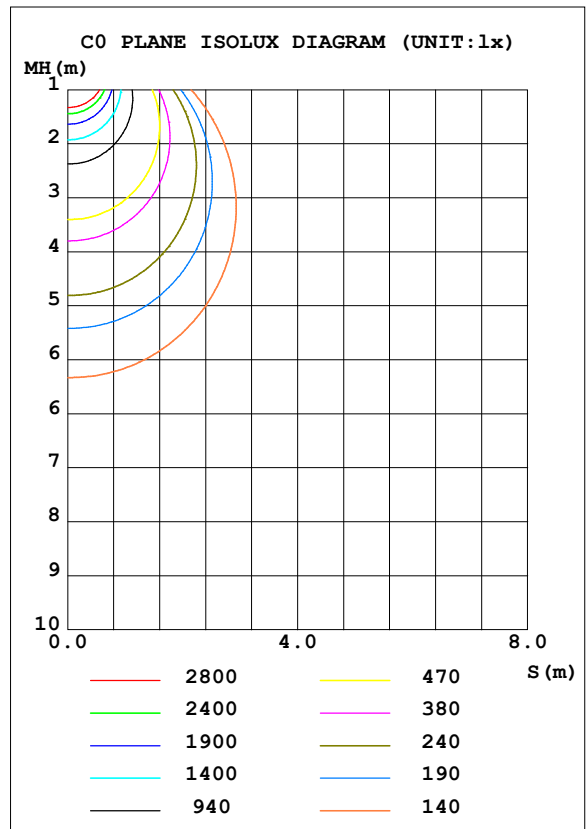
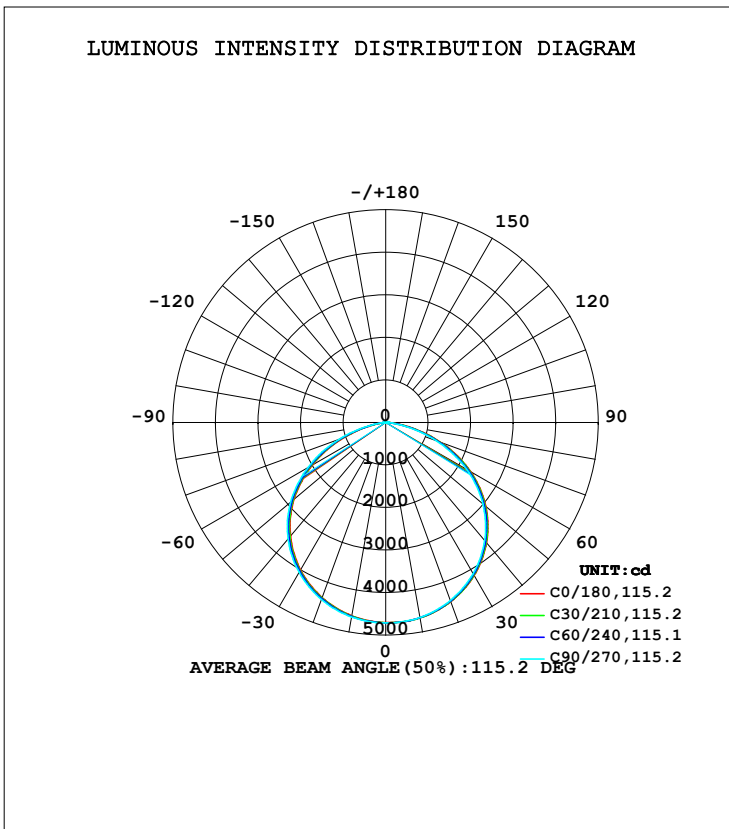


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm		
NAME: ASD-UHB2HV-100D50-PRM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.27 lm/W			
MODEL ASD-UHB2HV-100D50-PRM		I _{max} (cd)	4717	S/MH (C0/180)	1.27
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	480	TOTAL FLUX (lm)	13615	η UP, DN (C0-180)	0.3, 50.9
NOMINAL FLUX (lm)	13615.1	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.2, 48.7
LAMPS INSIDE	1	η up (%)	0.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	480	η down (%)	99.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: S
 Test Date: 2020-4-28

γ Range: 0 - 100DEG
 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	4664	4662	4655	4650	4613	4622	4642	4653	0- 10	446.7	446.7	3.28,3.28
20	4482	4476	4453	4441	4378	4393	4428	4444	10- 20	1288	1734	12.7,12.7
30	4158	4147	4109	4089	4005	4026	4070	4096	20- 30	1974	3708	27.2,27.2
40	3689	3677	3620	3593	3483	3510	3570	3603	30- 40	2414	6122	45,45
50	3076	3055	2986	2951	2821	2845	2923	2960	40- 50	2538	8660	63.6,63.6
60	2304	2270	2194	2143	1986	2023	2108	2158	50- 60	2292	10952	80.4,80.4
70	1390	1356	1270	1216	1047	1083	1176	1226	60- 70	1674	12625	92.7,92.7
80	462.0	425.0	368.3	329.1	198.7	218.6	285.3	325.6	70- 80	795.1	13420	98.6,98.6
90	61.37	60.49	58.76	59.62	44.72	44.77	44.23	44.33	80- 90	132.2	13553	99.5,99.5
100	64.18	64.64	65.17	65.76	50.37	50.17	49.67	49.23	90-100	59.42	13612	100,100
110	0	0	0	0	0	0	0	0	100-110	3.095	13615	100,100
120	0	0	0	0	0	0	0	0	110-120	0	13615	100,100
130	0	0	0	0	0	0	0	0	120-130	0	13615	100,100
140	0	0	0	0	0	0	0	0	130-140	0	13615	100,100
150	0	0	0	0	0	0	0	0	140-150	0	13615	100,100
160	0	0	0	0	0	0	0	0	150-160	0	13615	100,100
170	0	0	0	0	0	0	0	0	160-170	0	13615	100,100
180	0	0	0	0	0	0	0	0	170-180	0	13615	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 7397.8 lm

%lum = 54.3%

%lamp = 54.3%

Conical surface Flux(120deg): 10952 lm

%lum = 80.4%

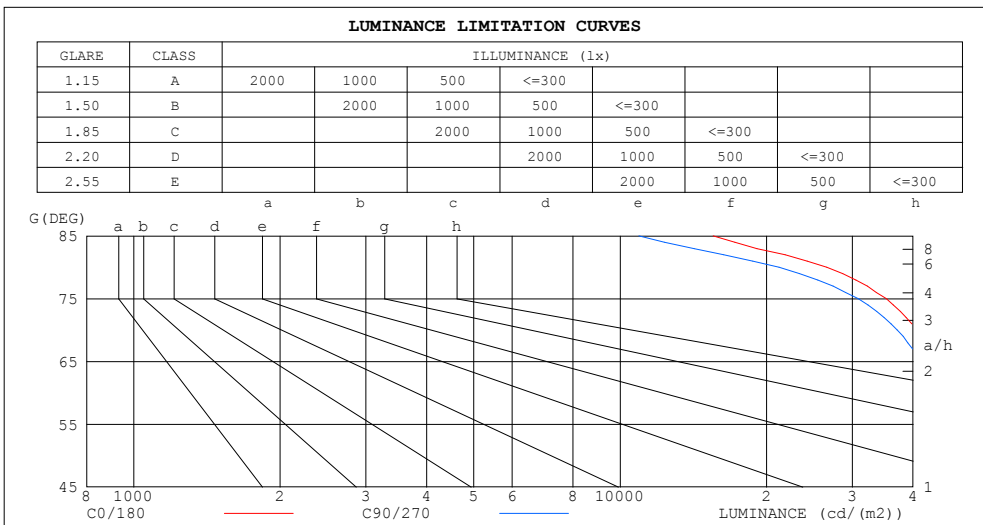
%lamp = 80.4%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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:

LUMINANCE LIMITATION CURVES

Test:U:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm		
NAME: ASD-UHB2HV-100D50-PRM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	15523	10924
80	26605	21208
75	35249	30836
70	40649	37129
65	44061	41280
60	46078	43875
55	47247	45512
50	47855	46453
45	48106	47004

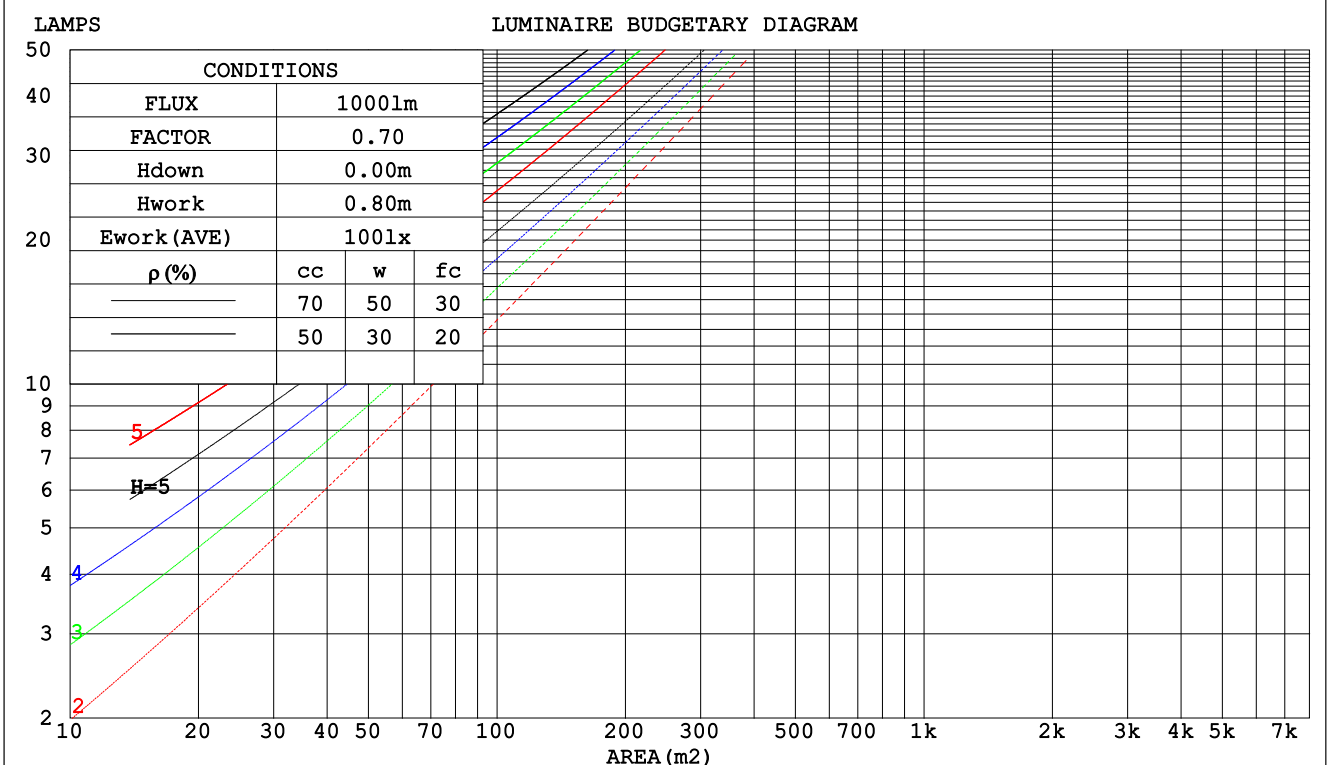
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm		
NAME: ASD-UHB2HV-100D50-PRM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.05	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.85	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.76	.73	.70
3.0	.80	.72	.66	.78	.71	.65	.75	.69	.64	.73	.67	.63	.70	.65	.61	.59
4.0	.71	.62	.56	.70	.61	.55	.67	.60	.54	.65	.58	.54	.62	.57	.53	.51
5.0	.63	.54	.48	.62	.54	.47	.60	.53	.47	.58	.51	.46	.56	.50	.46	.44
6.0	.57	.48	.42	.56	.47	.41	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.33	.46	.38	.33	.45	.38	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm		
NAME: ASD-UHB2HV-100D50-PRM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding 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	.296	.168	.053	.288	.164	.052	.275	.158	.050	.263	.151	.049	.251	.146	.047	
2.0	.283	.155	.048	.277	.153	.047	.265	.147	.046	.254	.143	.045	.244	.138	.044	
3.0	.265	.141	.042	.259	.139	.042	.248	.135	.041	.239	.131	.040	.230	.127	.039	
4.0	.246	.128	.038	.241	.126	.037	.231	.123	.037	.223	.120	.036	.215	.117	.036	
5.0	.228	.116	.034	.223	.115	.033	.215	.112	.033	.207	.109	.033	.200	.107	.032	
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.187	.099	.029	
7.0	.198	.098	.028	.194	.097	.028	.187	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.021	.151	.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	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.183	.160	.139	.156	.137	.120	.107	.094	.083	.062	.055	.048	.020	.018	.016	
2.0	.175	.136	.103	.150	.117	.089	.103	.081	.062	.059	.047	.036	.019	.015	.012	
3.0	.167	.118	.079	.143	.102	.068	.098	.071	.048	.057	.041	.028	.018	.013	.009	
4.0	.160	.104	.062	.137	.090	.054	.094	.063	.038	.054	.037	.023	.018	.012	.007	
5.0	.152	.094	.051	.131	.081	.044	.090	.057	.031	.052	.033	.019	.017	.011	.006	
6.0	.145	.086	.043	.125	.074	.037	.086	.052	.026	.050	.031	.016	.016	.010	.005	
7.0	.139	.079	.037	.119	.068	.032	.082	.048	.023	.048	.028	.014	.015	.009	.004	
8.0	.132	.073	.032	.114	.063	.028	.079	.044	.020	.046	.026	.012	.015	.009	.004	
9.0	.126	.068	.029	.109	.059	.025	.075	.042	.018	.044	.025	.011	.014	.008	.004	
10.0	.121	.064	.026	.104	.055	.023	.072	.039	.016	.042	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm										
NAME: ASD-UHB2HV-100D50-PRM					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ASD LIGHTING CORP					SUR.:			Shielding 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	17.5	19.0	17.7	19.2	19.4	17.3	18.8	17.6	19.0	19.2
3H	18.9	20.3	19.3	20.6	20.8	18.7	20.1	19.0	20.3	20.6
4H	19.5	20.8	19.8	21.0	21.3	19.1	20.4	19.5	20.7	21.0
6H	19.8	21.0	20.1	21.3	21.6	19.3	20.6	19.7	20.9	21.1
8H	19.8	21.0	20.1	21.3	21.6	19.3	20.5	19.7	20.8	21.1
12H	19.8	20.9	20.1	21.2	21.5	19.3	20.5	19.7	20.8	21.1
4H 2H	18.1	19.4	18.4	19.6	19.9	17.9	19.2	18.2	19.5	19.8
3H	19.7	20.8	20.1	21.1	21.5	19.5	20.6	19.8	20.9	21.2
4H	20.3	21.4	20.7	21.7	22.0	20.0	21.1	20.4	21.4	21.7
6H	20.7	21.6	21.1	22.0	22.4	20.3	21.2	20.7	21.6	22.0
8H	20.8	21.6	21.2	22.0	22.4	20.4	21.2	20.8	21.6	22.0
12H	20.8	21.6	21.2	22.0	22.4	20.3	21.1	20.8	21.5	21.9
8H 4H	20.5	21.4	20.9	21.7	22.1	20.2	21.1	20.7	21.5	21.9
6H	21.0	21.7	21.4	22.1	22.5	20.6	21.3	21.1	21.7	22.2
8H	21.1	21.7	21.6	22.2	22.6	20.7	21.3	21.2	21.8	22.2
12H	21.1	21.7	21.6	22.1	22.6	20.7	21.3	21.2	21.7	22.2
12H 4H	20.5	21.3	20.9	21.7	22.1	20.2	21.0	20.7	21.4	21.8
6H	21.0	21.6	21.5	22.0	22.5	20.6	21.3	21.1	21.7	22.2
8H	21.1	21.7	21.6	22.1	22.6	20.7	21.3	21.2	21.7	22.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 13615 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 9.1)
 Area: 0.1 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm		
NAME: ASD-UHB2HV-100D50-PRM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

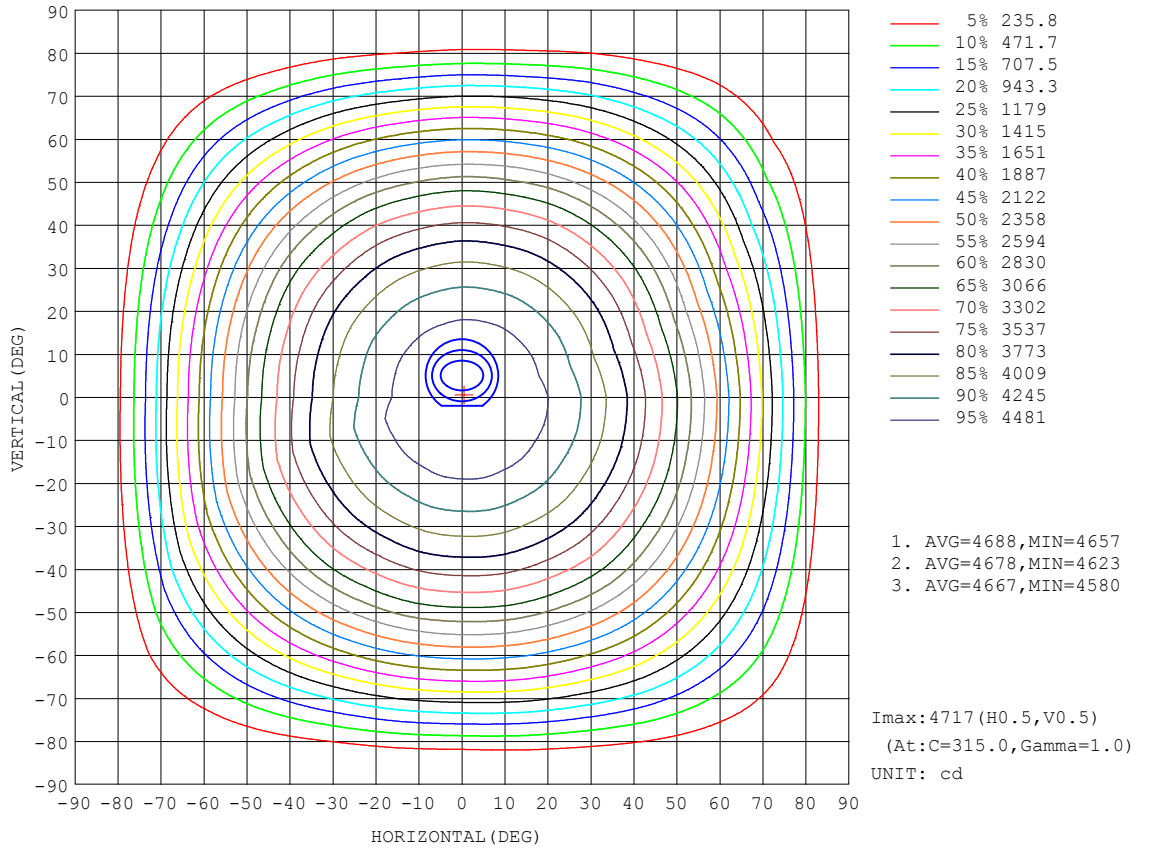
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	65	58	73	66	57	50
1.25	84	73	66	82	72	66	79	71	65	58
1.50	89	79	72	87	78	71	84	76	70	63
2.00	95	87	81	94	86	80	90	84	79	71
2.50	99	92	86	97	90	85	93	88	83	75
3.00	103	96	91	101	94	90	97	92	87	79
4.00	107	101	97	104	99	95	100	96	93	84
5.00	109	104	100	107	102	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:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm		
NAME: ASD-UHB2HV-100D50-PRM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

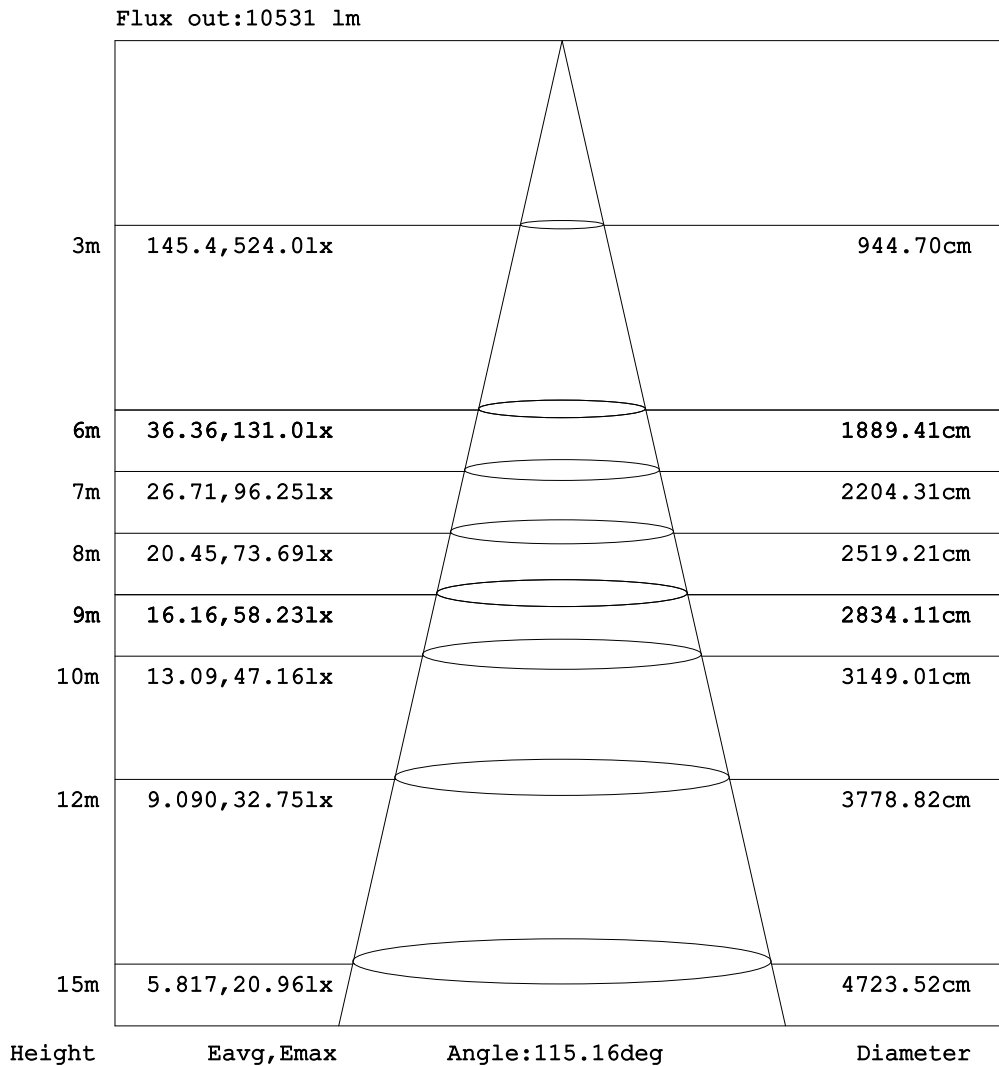


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm		
NAME: ASD-UHB2HV-100D50-PRM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



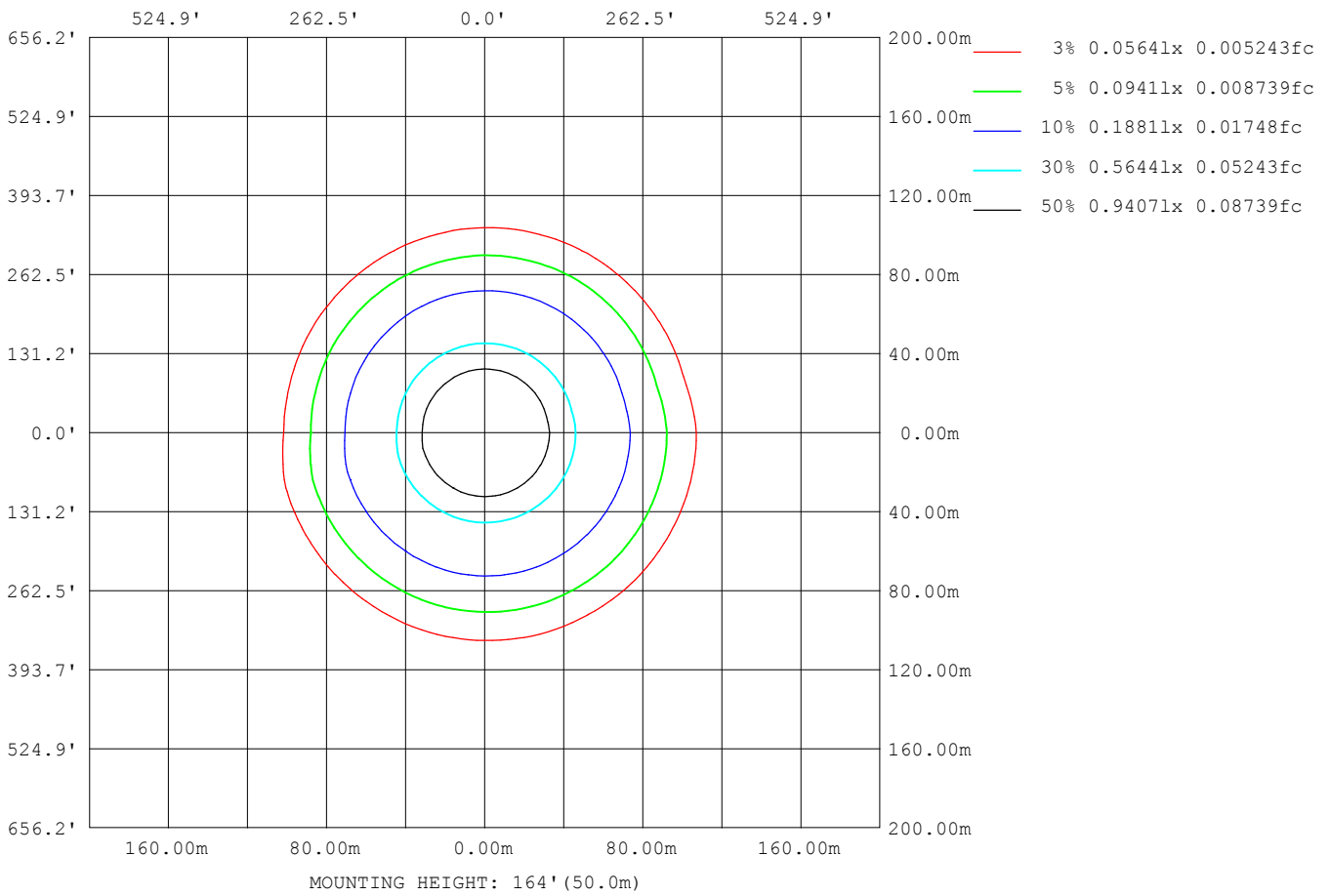
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm		
NAME: ASD-UHB2HV-100D50-PRM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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:

LED Avg.L Report

Test:U:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm		
NAME: ASD-UHB2HV-100D50-PRM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

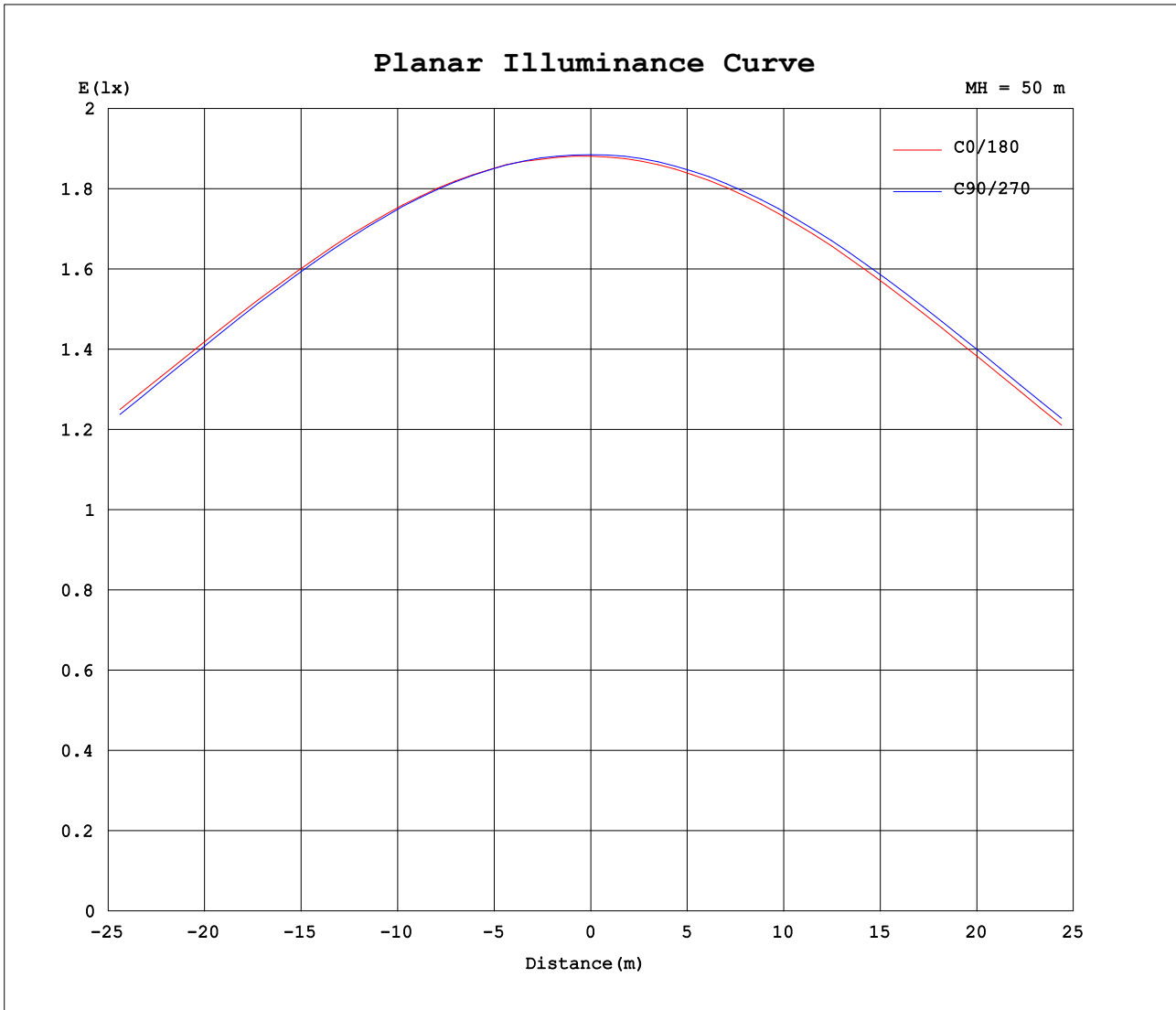
AvgL	cd/m2
L_0~180 (65) av	40060
L_0~180 (75) av	28757
L_0~180 (85) av	10566
L_90~270 (65) av	40188
L_90~270 (75) av	28955
L_90~270 (85) av	8997
L_45 (65) av	40138
L_45 (75) av	28834
L_45 (85) av	9461

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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: S
 Test Date: 2020-4-28

γ Range: 0 - 100DEG
 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:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm		
NAME: ASD-UHB2HV-100D50-PRM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding 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	4703	4705	4708	4710	4711	4714	4712	4715	4714	4716	4716	4715	4703	4705	4708	4710	4711	4714	4712
5	4703	4702	4704	4702	4704	4704	4702	4702	4699	4700	4700	4700	4676	4677	4683	4685	4689	4692	4695
10	4664	4667	4664	4662	4659	4660	4655	4653	4649	4650	4649	4650	4613	4613	4620	4622	4631	4635	4642
15	4591	4593	4588	4590	4581	4580	4571	4571	4562	4564	4562	4564	4513	4515	4522	4526	4537	4542	4553
20	4482	4483	4476	4476	4467	4463	4453	4450	4440	4441	4436	4443	4378	4378	4390	4393	4407	4413	4428
25	4338	4339	4331	4328	4316	4313	4297	4296	4280	4281	4277	4283	4208	4207	4224	4228	4243	4250	4265
30	4158	4159	4150	4147	4130	4126	4109	4105	4089	4089	4082	4090	4005	4003	4020	4026	4044	4051	4070
35	3943	3945	3932	3929	3910	3906	3883	3880	3861	3859	3853	3860	3762	3761	3780	3786	3808	3815	3840
40	3689	3696	3677	3677	3652	3646	3620	3615	3593	3593	3586	3597	3483	3483	3504	3510	3535	3546	3570
45	3402	3407	3388	3385	3358	3353	3324	3316	3289	3291	3282	3294	3169	3169	3192	3199	3226	3236	3266
50	3076	3081	3057	3055	3024	3018	2986	2979	2949	2951	2940	2954	2821	2814	2842	2845	2878	2887	2923
55	2710	2711	2690	2681	2653	2638	2610	2594	2571	2562	2560	2565	2414	2421	2440	2455	2478	2500	2527
60	2304	2301	2282	2270	2242	2226	2194	2179	2153	2143	2139	2147	1986	1988	2012	2023	2055	2073	2108
65	1862	1858	1838	1827	1796	1779	1745	1728	1700	1691	1685	1694	1524	1524	1553	1565	1597	1615	1652
70	1390	1391	1365	1356	1321	1307	1270	1256	1224	1216	1210	1221	1047	1043	1073	1083	1119	1135	1176
75	912	908	885	877	840	828	798	785	754	744	734	743	576	578	605	613	648	665	701
80	462	456	432	425	399	393	368	357	331	329	317	325	199	195	212	219	246	255	285
85	135	135	127	122	117	106	95.2	91.2	84.5	84.0	82.3	83.8	48.9	48.9	50.4	50.7	53.1	55.1	61.6
90	61.4	61.5	61.2	60.5	59.5	58.9	58.8	59.1	59.4	59.6	59.9	60.2	44.7	44.8	44.7	44.8	44.7	44.4	44.2
95	60.9	61.0	61.2	61.4	61.5	61.6	61.9	62.1	62.3	62.4	62.5	62.5	47.5	47.5	47.4	47.3	47.1	47.0	46.8
100	64.2	64.3	64.4	64.6	64.8	64.9	65.2	65.5	65.6	65.8	65.7	65.7	50.4	50.3	50.2	50.2	50.0	49.8	49.7
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:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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:480.62V I:0.2110A P:101.40W PF:0.9170 Freq:50.00Hz Lamp Flux:13615.1x1 lm		
NAME: ASD-UHB2HV-100D50-PRM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	4715	4714	4716	4716	4715														
5	4698	4702	4703	4703	4703														
10	4646	4652	4653	4653	4650														
15	4557	4564	4567	4565	4563														
20	4432	4443	4444	4447	4443														
25	4272	4286	4287	4292	4286														
30	4077	4093	4096	4101	4093														
35	3847	3867	3867	3871	3865														
40	3578	3601	3603	3609	3599														
45	3275	3300	3300	3309	3297														
50	2929	2959	2960	2971	2956														
55	2545	2566	2578	2580	2574														
60	2123	2150	2158	2164	2155														
65	1666	1699	1703	1711	1700														
70	1197	1224	1226	1236	1224														
75	711	746	751	761	748														
80	296	322	326	330	319														
85	63.5	70.8	72.7	72.1	69.5														
90	44.0	44.0	44.3	44.7	45.2														
95	46.7	46.6	46.5	46.4	46.4														
100	49.5	49.4	49.2	49.4	49.2														
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:S
 Test Date:2020-4-28

γ Range: 0 - 100DEG
 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: