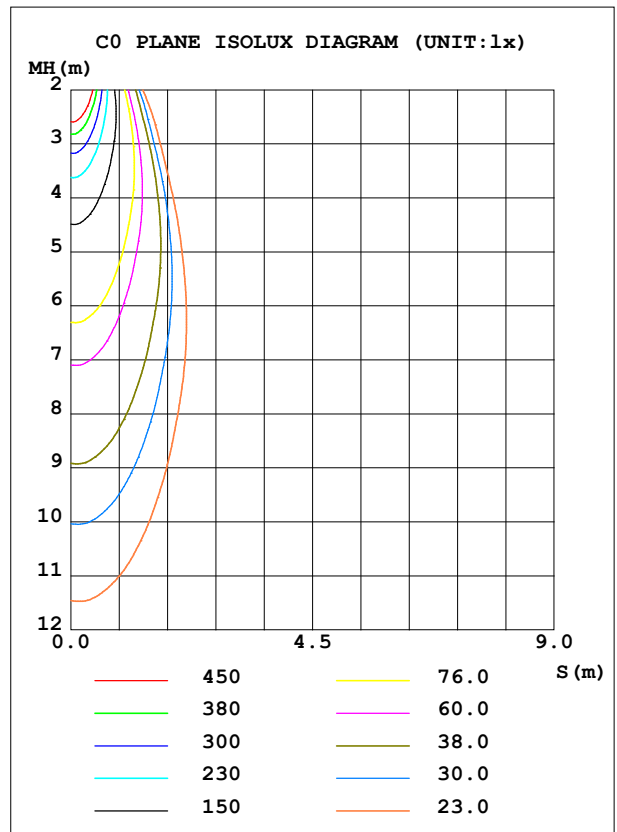
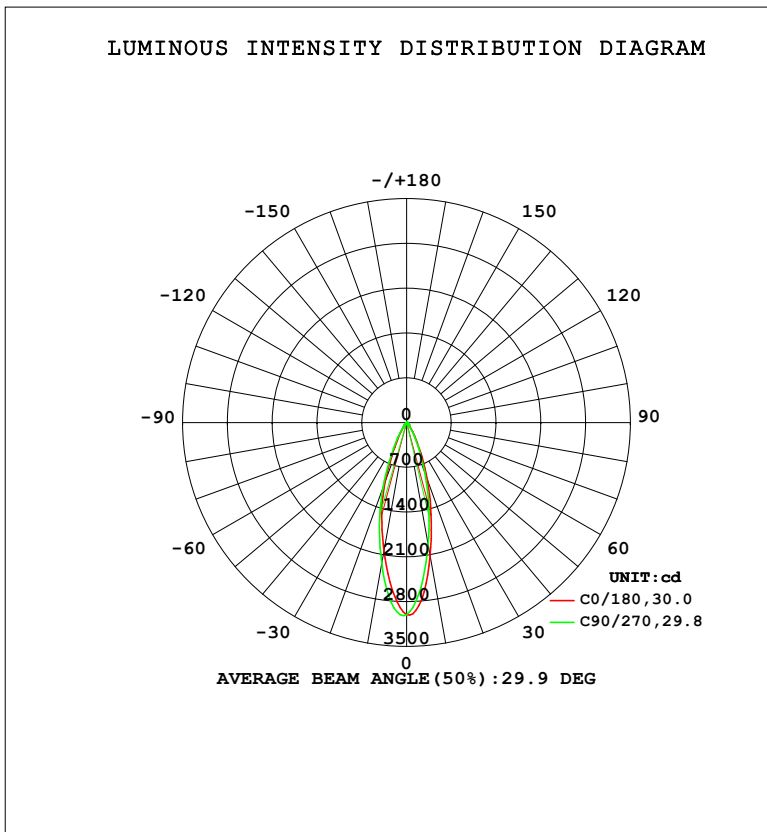


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:119.86V I:0.1120A P:13.232W PF:0.9854 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1054.84x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	3042	S/MH (C0/180)	0.49
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.53
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1054.8	$\eta$ UP, DN (C0-180)	0.0, 47.4
NOMINAL FLUX (lm)	1054.84	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 52.6
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	120	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.55



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2022-11-23

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.090m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

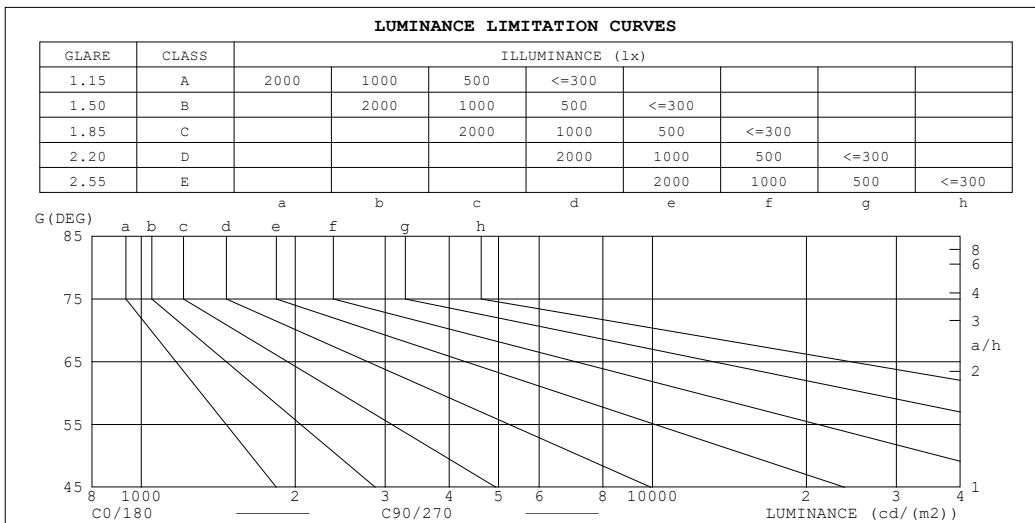
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	2125	2051	1941	1927	2046	2120	2240	2286	0- 10	237.7	237.7	22.5,22.5
20	960.0	929.8	835.3	807.8	981.3	1017	1091	1111	10- 20	411.1	648.8	61.5,61.5
30	275.6	283.9	247.7	219.0	235.8	263.8	302.8	335.8	20- 30	247.5	896.3	85,85
40	62.84	66.32	57.92	59.06	60.20	62.05	64.41	64.01	30- 40	83.36	979.7	92.9,92.9
50	32.71	33.48	31.34	32.01	31.62	32.23	32.70	33.68	40- 50	36.06	1016	96.3,96.3
60	15.17	15.08	14.81	15.20	14.63	14.64	14.90	15.35	50- 60	21.12	1037	98.3,98.3
70	7.434	7.311	7.283	7.834	7.322	7.066	7.107	7.442	60- 70	10.78	1048	99.3,99.3
80	3.675	3.632	3.646	4.404	4.035	3.446	3.536	3.586	70- 80	5.417	1053	99.8,99.8
90	0.0570	0.0473	0.0491	0.0570	0.0422	0.0381	0.0335	0.0450	80- 90	1.817	1055	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-11-23

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:119.86V I:0.1120A P:13.232W PF:0.9854 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1054.84x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	208	153
80	192	189
75	168	171
70	197	192
65	238	231
60	275	267
55	378	360
50	461	439
45	593	561

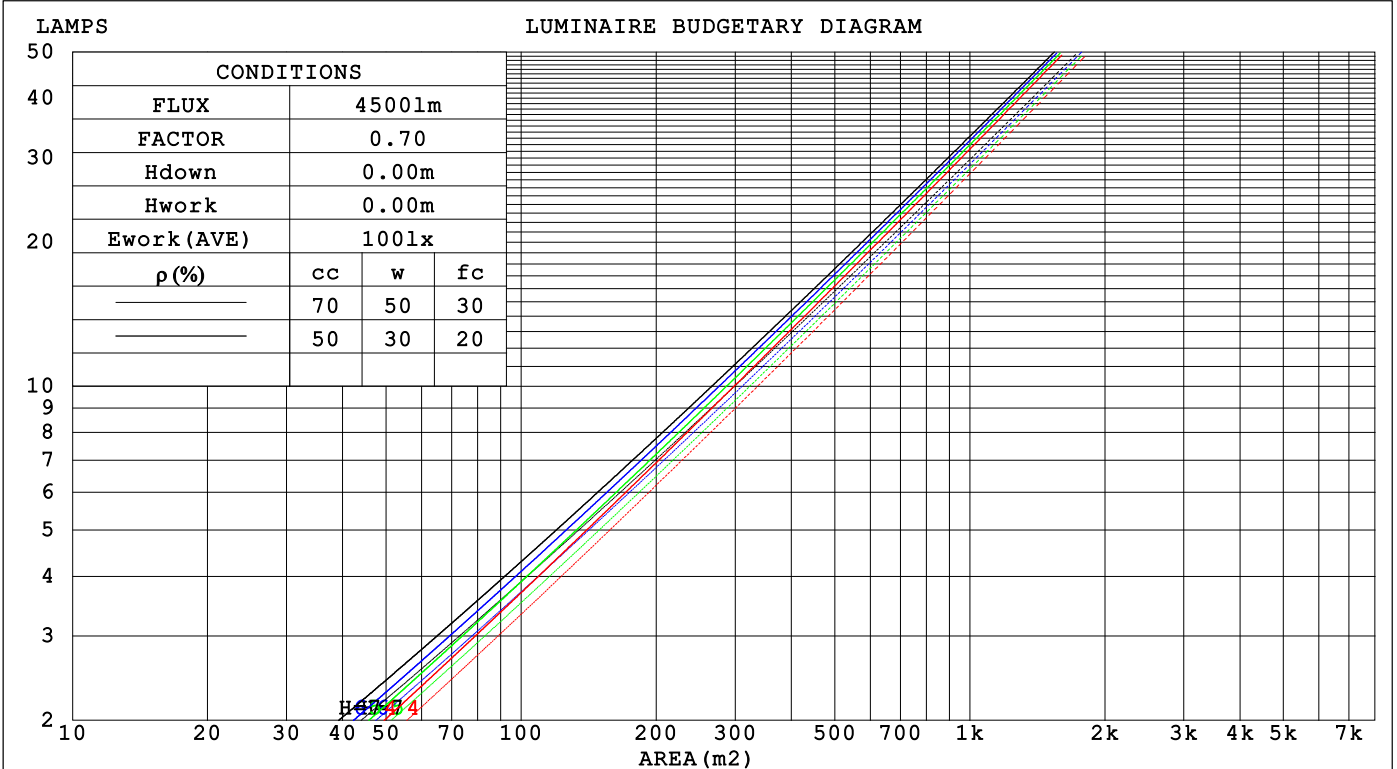
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 2022-11-23

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.090m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:119.86V I:0.1120A P:13.232W PF:0.9854 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1054.84x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.02	1.02	1.02	1.00
1.0	1.12	1.09	1.07	1.09	1.07	1.06	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.95
2.0	1.05	1.01	.98	1.03	.99	.97	1.00	.97	.95	.97	.95	.93	.94	.93	.91	.90
3.0	.99	.95	.91	.98	.94	.90	.95	.92	.89	.93	.90	.88	.91	.88	.86	.85
4.0	.94	.89	.85	.93	.88	.85	.91	.87	.84	.89	.86	.83	.87	.84	.82	.81
5.0	.89	.84	.81	.88	.84	.80	.87	.83	.80	.85	.82	.79	.84	.81	.78	.77
6.0	.85	.80	.76	.84	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.75	.73
7.0	.81	.76	.73	.81	.76	.73	.80	.75	.72	.78	.75	.72	.77	.74	.71	.70
8.0	.78	.73	.69	.77	.73	.69	.76	.72	.69	.76	.72	.69	.75	.71	.69	.67
9.0	.75	.70	.67	.74	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.65
10.0	.72	.67	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.70	.66	.63	.62



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-11-23

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:119.86V I:0.1120A P:13.232W PF:0.9854 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1054.84x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.163	.093	.029	.156	.089	.028	.144	.082	.026	.132	.076	.024	.122	.070	.023	
2.0	.153	.084	.026	.148	.081	.025	.137	.076	.024	.127	.072	.022	.119	.067	.021	
3.0	.144	.077	.023	.139	.075	.022	.130	.071	.021	.122	.067	.021	.115	.063	.020	
4.0	.135	.070	.021	.131	.069	.020	.124	.066	.020	.117	.063	.019	.110	.060	.018	
5.0	.128	.065	.019	.125	.064	.019	.118	.061	.018	.112	.059	.018	.106	.057	.017	
6.0	.121	.061	.017	.118	.060	.017	.113	.058	.017	.107	.056	.016	.102	.054	.016	
7.0	.115	.057	.016	.113	.056	.016	.108	.054	.016	.103	.053	.015	.099	.051	.015	
8.0	.110	.054	.015	.108	.053	.015	.103	.052	.015	.099	.050	.014	.095	.049	.014	
9.0	.105	.051	.014	.103	.050	.014	.099	.049	.014	.095	.048	.014	.092	.047	.013	
10.0	.100	.048	.013	.099	.048	.013	.095	.047	.013	.092	.046	.013	.089	.045	.013	

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.170	.157	.146	.146	.135	.126	.100	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.154	.133	.115	.132	.114	.099	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.092	.120	.098	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.129	.098	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.087	.062	.102	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.111	.077	.052	.095	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.045	.089	.060	.039	.062	.042	.028	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.084	.054	.033	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.092	.057	.033	.079	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.087	.053	.029	.075	.046	.026	.052	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-11-23

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:119.86V I:0.1120A P:13.232W PF:0.9854 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1054.84x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	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	4.7	5.5	4.9	5.7	5.8	3.3	4.1	3.5	4.3	4.4
3H	5.0	5.7	5.2	5.9	6.1	3.6	4.4	3.9	4.6	4.8
4H	5.1	5.8	5.3	6.0	6.2	3.8	4.5	4.1	4.7	4.9
6H	5.2	5.8	5.4	6.1	6.3	4.0	4.6	4.3	4.9	5.1
8H	5.2	5.9	5.5	6.1	6.4	4.0	4.7	4.3	4.9	5.2
12H	5.3	5.9	5.6	6.1	6.4	4.1	4.7	4.4	5.0	5.2
4H 2H	4.7	5.4	5.0	5.6	5.9	3.5	4.2	3.7	4.4	4.6
3H	5.1	5.7	5.4	6.0	6.3	3.9	4.5	4.2	4.8	5.1
4H	5.3	5.8	5.6	6.1	6.4	4.1	4.7	4.4	5.0	5.3
6H	5.5	6.0	5.8	6.3	6.6	4.4	4.9	4.8	5.2	5.6
8H	5.6	6.0	5.9	6.4	6.7	4.5	5.0	4.9	5.3	5.7
12H	5.6	6.1	6.1	6.4	6.8	4.6	5.0	5.0	5.4	5.8
8H 4H	5.2	5.7	5.6	6.1	6.4	4.2	4.6	4.5	5.0	5.3
6H	5.5	5.9	6.0	6.3	6.7	4.6	5.0	5.0	5.3	5.8
8H	5.7	6.1	6.2	6.5	6.9	4.8	5.1	5.2	5.5	6.0
12H	5.9	6.2	6.3	6.6	7.1	4.9	5.2	5.4	5.6	6.1
12H 4H	5.2	5.7	5.6	6.0	6.4	4.1	4.6	4.6	4.9	5.3
6H	5.5	5.9	6.0	6.3	6.7	4.6	4.9	5.0	5.3	5.8
8H	5.8	6.0	6.2	6.5	7.0	4.8	5.1	5.3	5.6	6.0

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 1.2 / - 1.3	+ 0.9 / - 0.9
1.5H	+ 1.8 / - 1.1	+ 1.2 / - 0.6
2.0H	+ 1.6 / - 1.4	+ 1.4 / - 1.0

CIE Pub.117, 1055 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.2)  
 Area: 0.111111 m2

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-11-23

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:119.86V I:0.1120A P:13.232W PF:0.9854 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1054.84x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

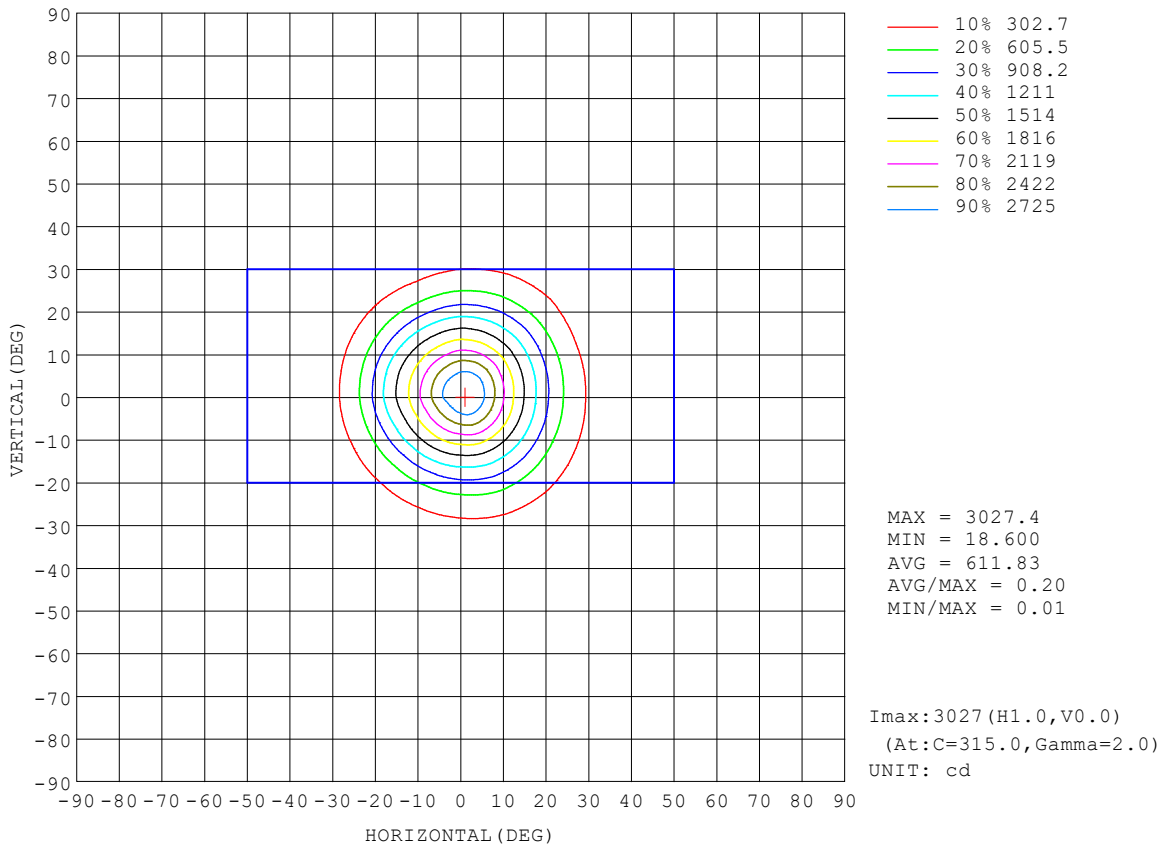
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	94	89	85	94	88	85	93	88	84	81
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	97	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-11-23

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:119.86V I:0.1120A P:13.232W PF:0.9854 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1054.84x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



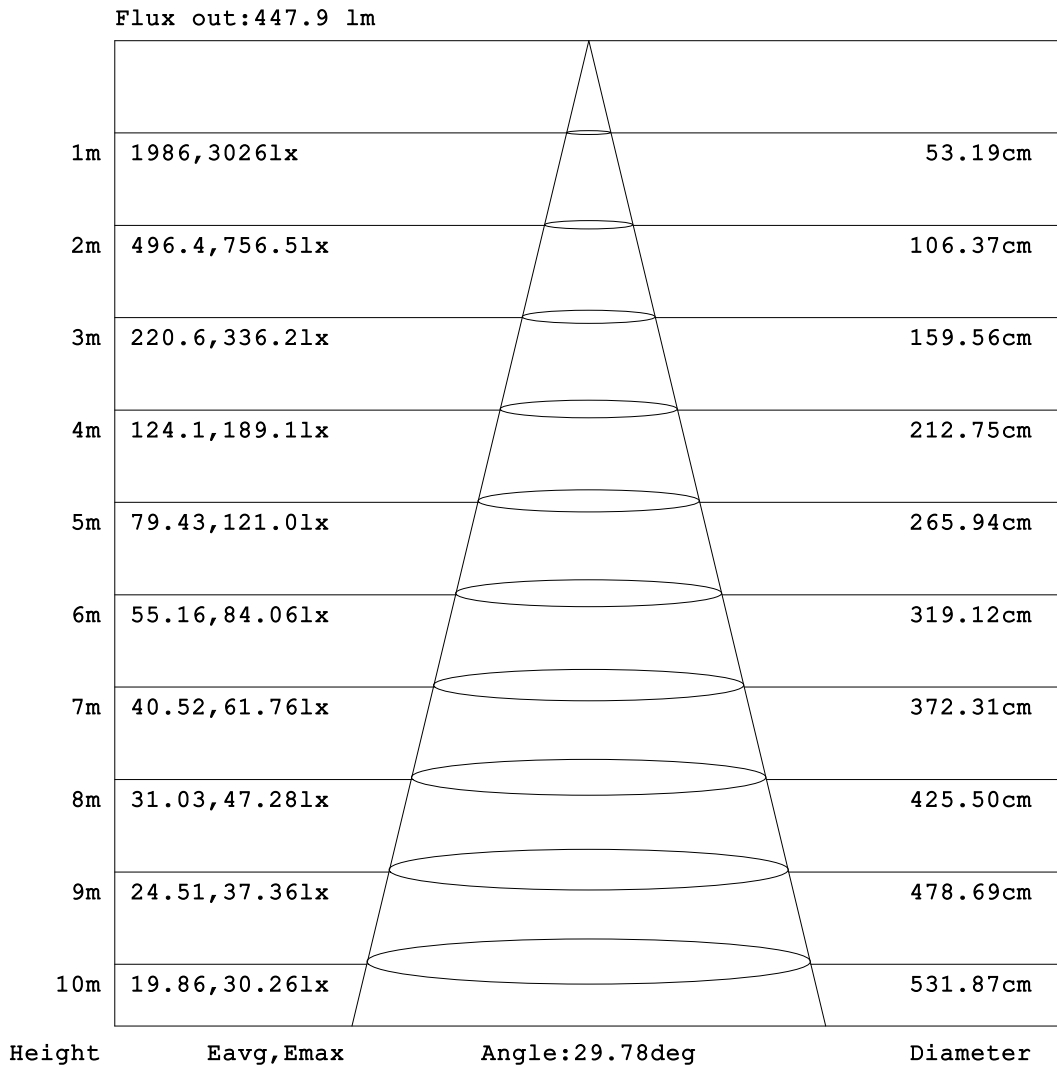
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-11-23

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:119.86V I:0.1120A P:13.232W PF:0.9854 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1054.84x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



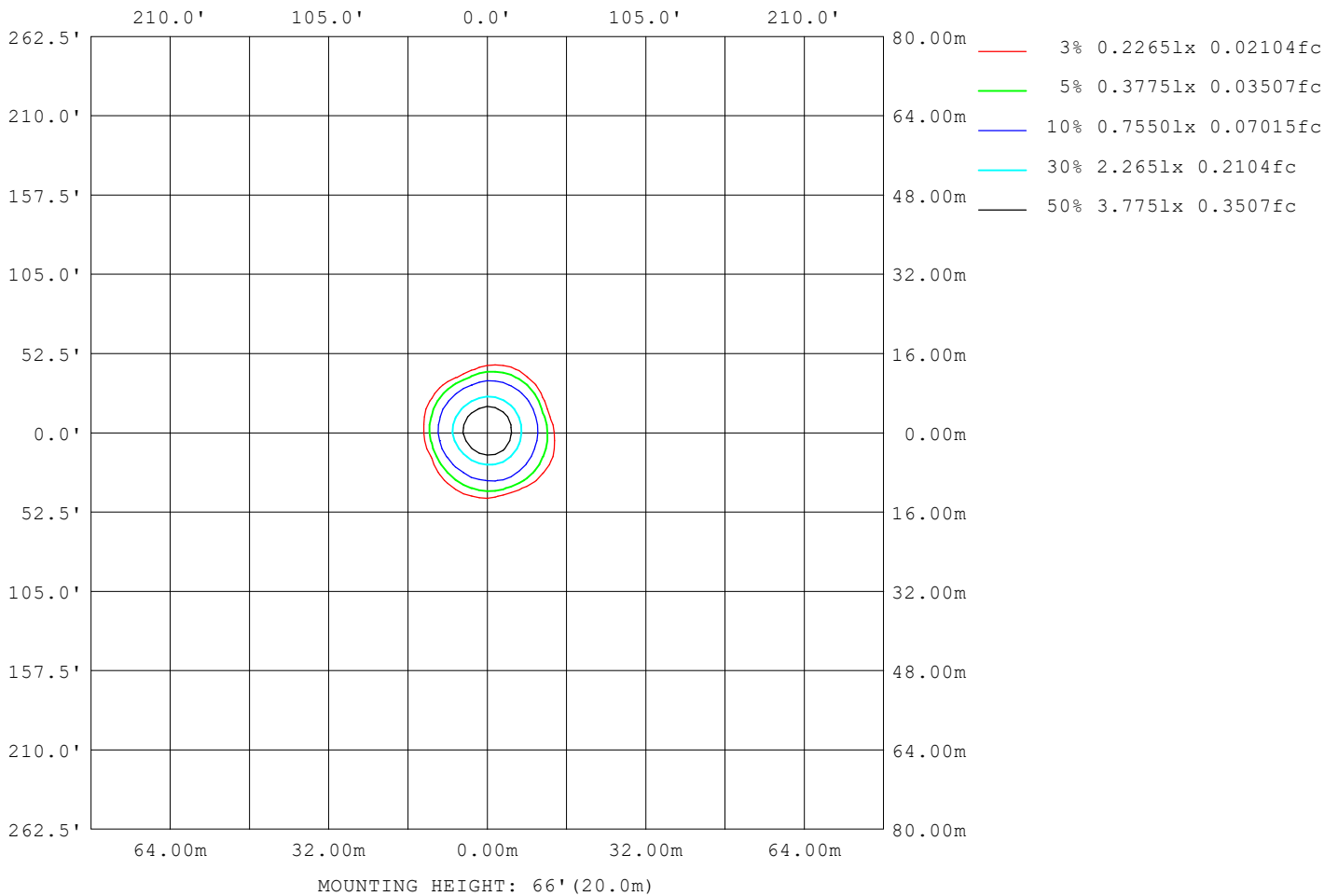
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 2022-11-23

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.090m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:119.86V I:0.1120A P:13.232W PF:0.9854 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1054.84x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-11-23

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:119.86V I:0.1120A P:13.232W PF:0.9854 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1054.84x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

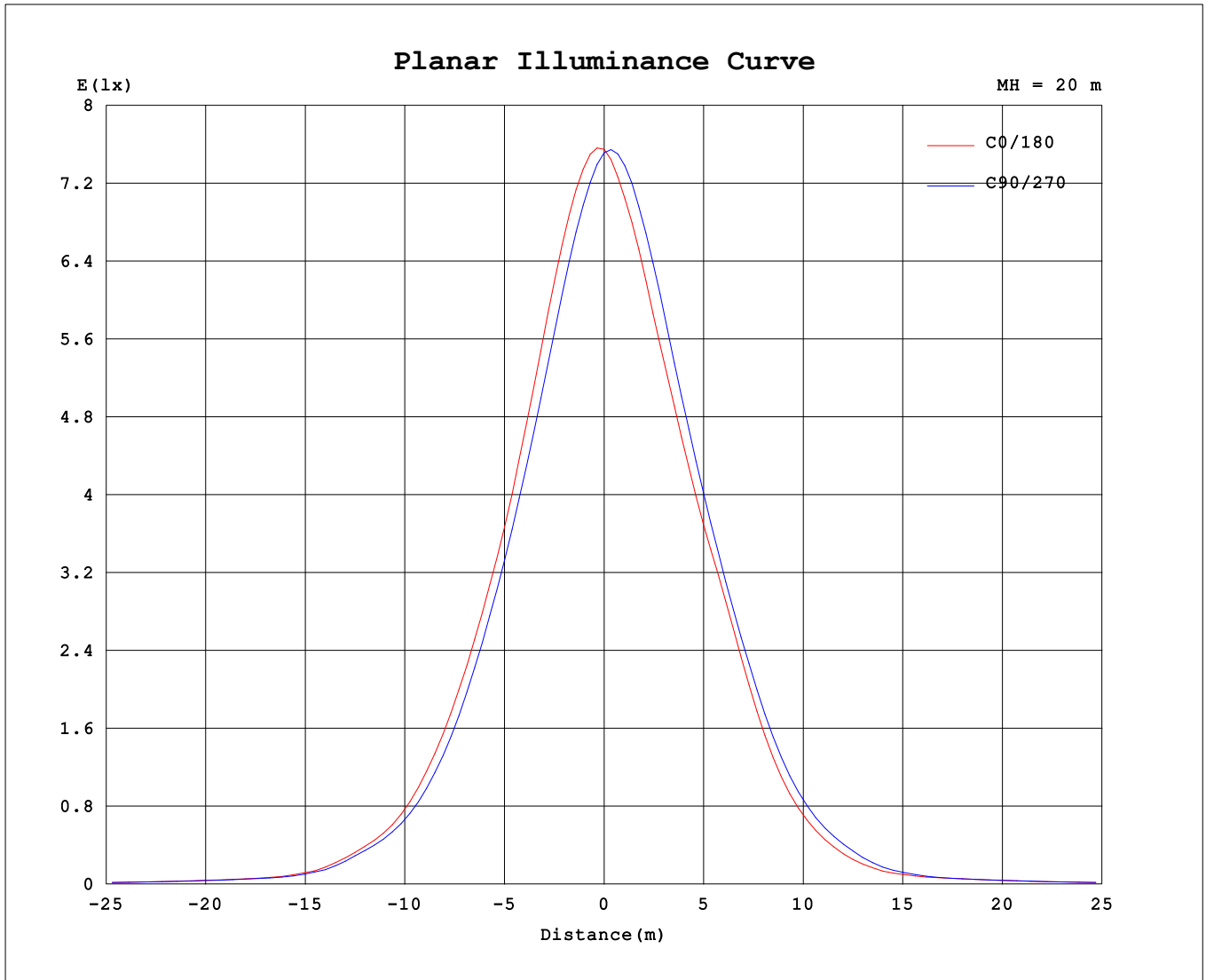
AvgL	cd/m2
L_0~180 (65) av	234
L_0~180 (75) av	173
L_0~180 (85) av	198
L_90~270 (65) av	230
L_90~270 (75) av	167
L_90~270 (85) av	143
L_45 (65) av	235
L_45 (75) av	173
L_45 (85) av	170

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2022-11-23

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2022-11-23

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.090m [K=1.0000]  
 Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:119.86V I:0.1120A P:13.232W PF:0.9854 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1054.84x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002			
5	2767	2725	2690	2654	2586	2555	2548	2577	2623	2655	2690	2732	2813	2865	2874	2840			
10	2125	2093	2051	2017	1941	1929	1927	1978	2046	2080	2120	2160	2240	2286	2286	2226			
15	1486	1456	1436	1407	1349	1341	1352	1419	1517	1557	1566	1584	1647	1661	1647	1574			
20	960	939	930	903	835	799	808	878	981	1013	1017	1027	1091	1117	1111	1035			
25	533	518	517	511	455	417	409	444	498	529	544	541	600	641	635	586			
30	276	278	284	262	248	233	219	200	236	255	264	243	303	332	336	282			
35	128	170	149	93.9	110	125	105	83.3	98.3	125	114	92.6	128	172	145	98.8			
40	62.8	84.2	66.3	56.1	57.9	66.8	59.1	55.8	60.2	72.1	62.1	55.7	64.4	82.5	64.0	56.1			
45	46.3	52.9	47.7	41.4	44.0	49.1	45.2	40.6	45.7	52.4	46.4	40.4	46.9	53.0	47.6	42.5			
50	32.7	40.1	33.5	29.4	31.3	37.8	32.0	29.6	31.6	39.6	32.2	29.2	32.7	40.0	33.7	30.0			
55	24.0	27.1	24.1	20.6	22.9	25.2	23.5	19.9	22.9	25.6	23.5	19.9	23.8	26.3	24.5	21.0			
60	15.2	17.8	15.1	13.6	14.8	16.7	15.2	14.2	14.6	16.6	14.6	13.5	14.9	17.4	15.3	13.7			
65	11.1	11.5	11.0	9.90	10.8	11.5	11.3	10.11	10.8	11.1	10.6	9.54	10.8	11.4	11.2	9.99			
70	7.43	7.92	7.31	6.47	7.28	8.07	7.83	6.81	7.32	7.63	7.07	6.16	7.11	7.78	7.44	6.45			
75	4.81	5.14	4.72	4.32	4.91	5.61	5.65	5.10	5.14	5.19	4.76	4.32	4.72	5.00	4.79	4.03			
80	3.68	3.70	3.63	3.45	3.65	4.00	4.40	4.15	4.04	3.66	3.45	3.26	3.54	3.60	3.59	3.35			
85	2.00	1.80	1.61	1.57	1.48	1.62	1.99	2.15	1.83	1.34	1.18	1.12	1.29	1.57	1.81	1.99			
90	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.04	0.04	0.04	0.04	0.03	0.04	0.05	0.10			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
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γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks: