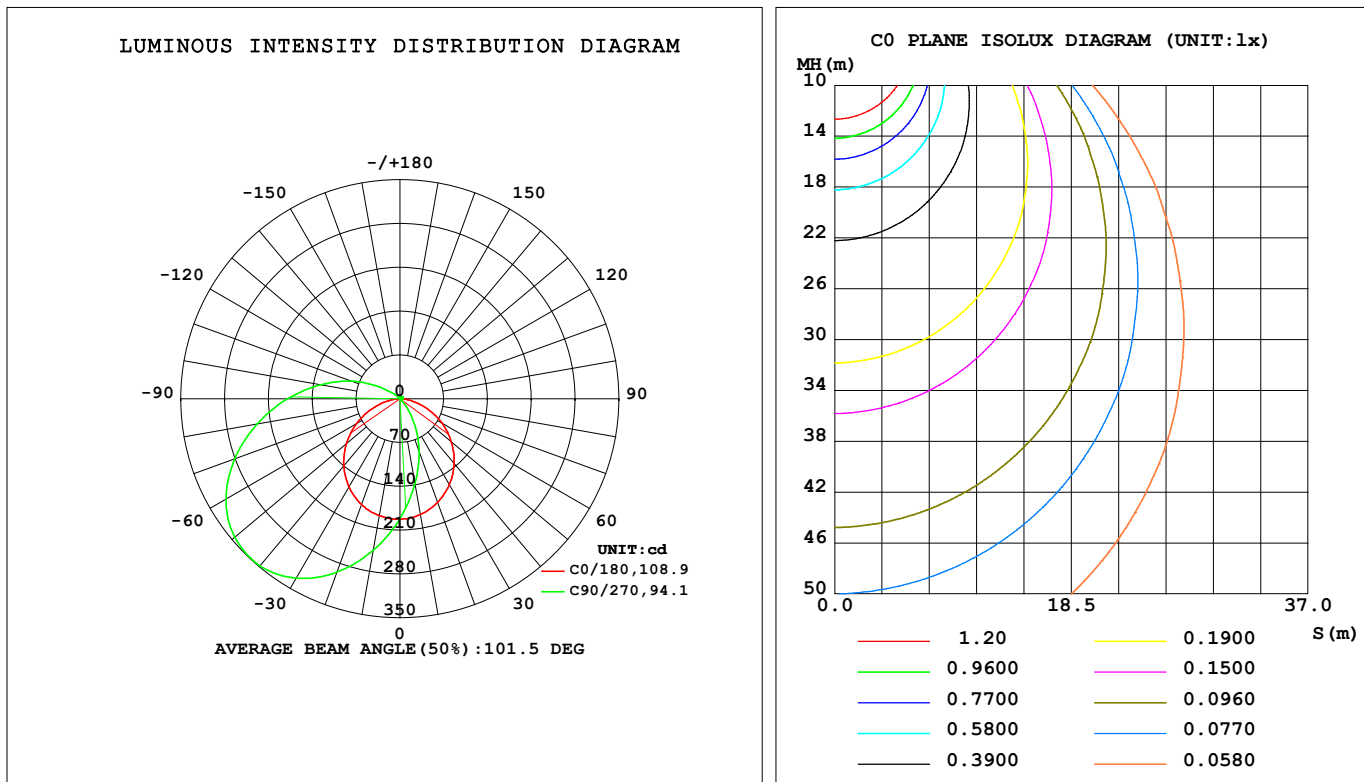


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:239.89V I:0.1082A P:17.261W PF:0.6653 Freq:50.09Hz Lamp Flux:859.188x1 lm		
NAME: SUPER MINI WEDGE_1071_WHT_OPAL V_DPAL-007_2700K TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 49.78 lm/W
MODEL	DPAL-007 2700K	I <sub>max</sub> (cd)	349.0	S/MH (C0/180)	1.26	
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	2.28	
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	859.19	η UP,DN (C0-180)	1.0,12.2	
NOMINAL FLUX (lm)	859.188	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	10.9,75.9	
LAMPS INSIDE	1	η up (%)	11.9	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	230	η down (%)	88.1	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:01 October 2020

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.250m [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	188.0	152.6	138.4	146.4	189.7	229.2	245.4	219.9	0- 10	18.02	18.02	2.1,2.1
20	176.3	112.8	90.44	108.4	180.0	259.1	294.6	248.9	10- 20	52.62	70.64	8.22,8.22
30	158.2	75.60	46.65	72.57	162.8	277.8	331.0	267.2	20- 30	82.63	153.3	17.8,17.8
40	134.7	39.71	12.93	37.44	139.7	281.7	348.3	271.3	30- 40	104.1	257.4	30,30
50	107.4	11.50	0.5481	9.775	111.8	269.2	344.6	259.5	40- 50	114.8	372.3	43.3,43.3
60	77.44	0.5732	0.8807	0.4919	80.66	243.0	320.9	234.7	50- 60	115.9	488.2	56.8,56.8
70	46.14	0.9089	1.348	0.8680	48.06	206.4	280.8	199.3	60- 70	107.5	595.7	69.3,69.3
80	17.34	1.329	1.968	1.326	17.93	164.4	231.6	158.5	70- 80	91.22	686.9	79.9,79.9
90	0.5668	1.855	2.585	1.833	0.5861	120.5	179.9	115.7	80- 90	70.21	757.1	88.1,88.1
100	0.6924	2.344	3.184	2.303	0.7212	72.90	129.2	74.82	90-100	48.65	805.7	93.8,93.8
110	0.9747	2.755	3.679	2.730	0.9905	34.81	82.82	37.75	100-110	28.98	834.7	97.2,97.2
120	1.266	3.078	4.018	3.077	1.269	8.461	38.25	8.453	110-120	14.16	848.9	98.8,98.8
130	1.570	3.328	4.187	3.341	1.561	0.5550	9.211	0.5676	120-130	4.927	853.8	99.4,99.4
140	1.868	3.472	4.216	3.492	1.865	0.8657	0.5644	0.9309	130-140	1.772	855.6	99.6,99.6
150	2.168	3.492	4.078	3.529	2.172	1.247	0.9846	1.357	140-150	1.428	857.0	99.7,99.7
160	2.438	3.423	3.849	3.476	2.454	1.721	1.520	1.843	150-160	1.150	858.2	99.9,99.9
170	2.667	3.219	3.505	3.282	2.693	2.289	2.197	2.386	160-170	0.7585	858.9	100,100
180	2.793	2.884	2.965	2.946	2.796	2.874	2.937	2.937	170-180	0.2692	859.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 314.17 lm

%lum = 36.6%

%lamp = 36.6%

Conical surface Flux(120deg): 488.19 lm

%lum = 56.8%

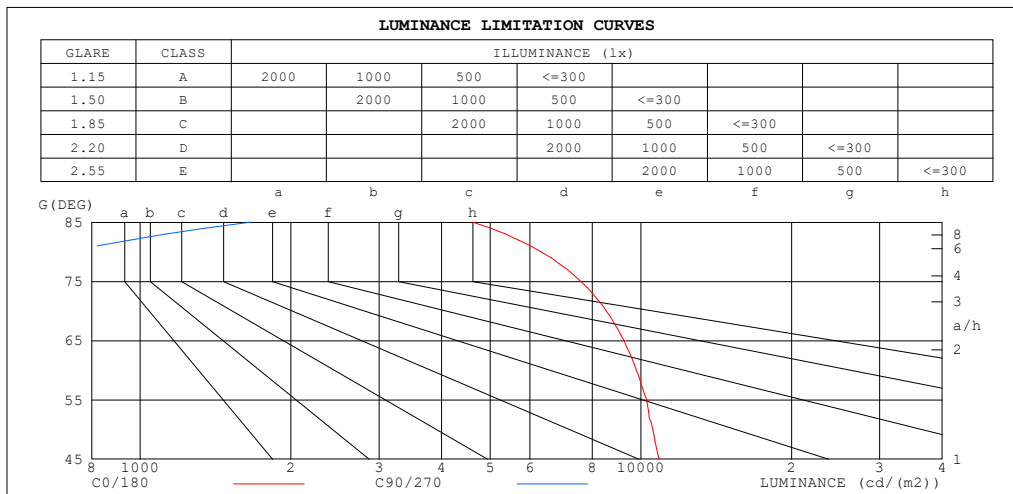
%lamp = 56.8%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:01 October 2020

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.250m [K=1.0000]  
Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:239.89V I:0.1082A P:17.261W PF:0.6653 Freq:50.09Hz Lamp Flux:859.188x1 lm		
NAME: SUPER MINI WEDGE_1071_WHT_OPAL V_DPAL-007_270	OK TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G( DEG)	C0/180	C90/270
85	4615	1661
80	6321	717
75	7592	405
70	8538	249
65	9252	165
60	9803	111
55	10268	78
50	10572	54
45	10883	240

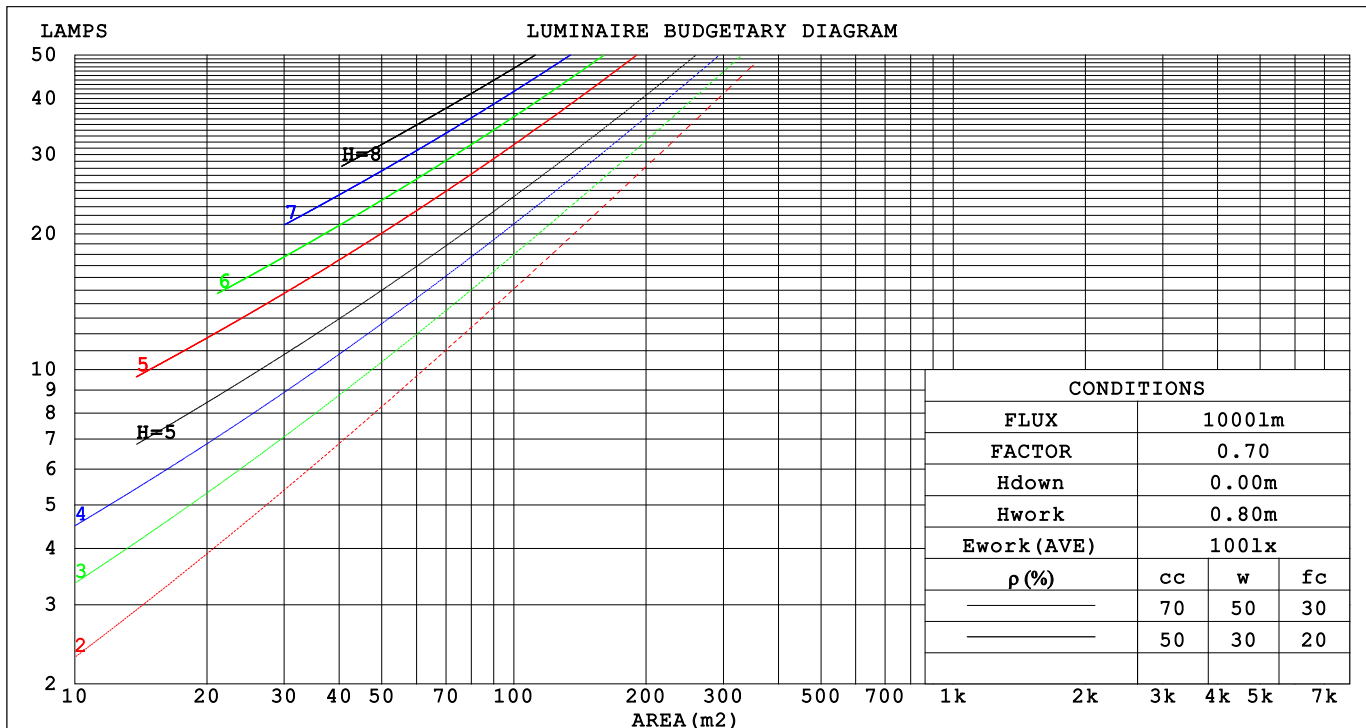
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:01 October 2020

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.250m [K=1.0000]  
Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:239.89V I:0.1082A P:17.261W PF:0.6653 Freq:50.09Hz Lamp Flux:859.188x1 lm		
NAME: SUPER MINI WEDGE_1071_WHT_OPAL V_DPAL-007_2700K TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	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						Coefficients of Utilization(CU)									
0.0	1.16	1.16	1.16	1.12	1.12	1.12	1.05	1.05	1.05	.98	.98	.98	.91	.91	.91	.88
1.0	.96	.91	.86	.93	.88	.83	.86	.82	.78	.80	.77	.74	.75	.72	.70	.66
2.0	.82	.74	.67	.79	.72	.65	.73	.67	.62	.68	.63	.59	.64	.59	.56	.53
3.0	.71	.62	.54	.68	.60	.53	.64	.56	.51	.59	.53	.48	.55	.50	.46	.43
4.0	.62	.53	.45	.60	.51	.44	.56	.48	.42	.52	.46	.40	.49	.43	.39	.36
5.0	.55	.45	.38	.53	.44	.37	.50	.42	.36	.46	.40	.34	.43	.38	.33	.30
6.0	.49	.40	.33	.48	.39	.32	.45	.37	.31	.42	.35	.30	.39	.33	.29	.26
7.0	.45	.35	.29	.43	.34	.28	.40	.33	.27	.38	.31	.26	.36	.30	.25	.23
8.0	.40	.32	.25	.39	.31	.25	.37	.29	.24	.35	.28	.23	.33	.27	.22	.20
9.0	.37	.28	.23	.36	.28	.22	.34	.27	.22	.32	.25	.21	.30	.24	.20	.18
10.0	.34	.26	.20	.33	.25	.20	.31	.24	.19	.30	.23	.19	.28	.22	.18	.16



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:01 October 2020

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.250m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:239.89V I:0.1082A P:17.261W PF:0.6653 Freq:50.09Hz Lamp Flux:859.188x1 lm		
NAME: SUPER MINI WEDGE_1071_WHT_OPAL V_DPAL-007_2700K TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	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	.399	.227	.072	.389	.222	.070	.368	.211	.067	.349	.201	.065	.332	.192	.062	
2.0	.344	.189	.058	.334	.184	.057	.316	.176	.055	.299	.168	.053	.283	.160	.051	
3.0	.305	.162	.049	.296	.159	.048	.279	.151	.046	.264	.145	.044	.250	.138	.043	
4.0	.274	.142	.042	.266	.139	.041	.251	.133	.040	.237	.127	.038	.224	.122	.037	
5.0	.248	.126	.037	.241	.124	.036	.228	.118	.035	.215	.113	.034	.203	.109	.033	
6.0	.227	.114	.033	.221	.111	.032	.208	.107	.031	.197	.102	.030	.186	.098	.029	
7.0	.209	.103	.029	.203	.101	.029	.192	.097	.028	.182	.093	.027	.172	.089	.026	
8.0	.194	.095	.027	.188	.093	.026	.178	.089	.025	.169	.085	.025	.160	.082	.024	
9.0	.180	.087	.024	.175	.085	.024	.166	.082	.023	.157	.079	.023	.149	.076	.022	
10.0	.169	.081	.022	.164	.079	.022	.156	.076	.021	.148	.073	.021	.140	.070	.020	

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	.281	.281	.281	.240	.240	.240	.164	.164	.164	.094	.094	.094	.030	.030	.030	
1.0	.278	.247	.219	.238	.212	.188	.163	.146	.130	.094	.084	.076	.030	.027	.024	
2.0	.271	.224	.184	.232	.192	.159	.159	.133	.111	.092	.077	.065	.029	.025	.021	
3.0	.264	.207	.162	.226	.179	.140	.155	.124	.098	.090	.072	.058	.029	.024	.019	
4.0	.256	.194	.147	.219	.168	.128	.151	.117	.090	.087	.069	.053	.028	.022	.018	
5.0	.248	.184	.138	.213	.160	.120	.147	.111	.085	.085	.065	.050	.027	.021	.017	
6.0	.240	.176	.131	.206	.153	.114	.142	.107	.080	.083	.063	.048	.027	.021	.016	
7.0	.233	.170	.125	.200	.147	.109	.138	.103	.077	.080	.061	.046	.026	.020	.015	
8.0	.226	.164	.121	.195	.142	.106	.135	.100	.075	.078	.059	.045	.025	.019	.015	
9.0	.220	.159	.118	.189	.138	.103	.131	.097	.073	.076	.057	.044	.025	.019	.014	
10.0	.214	.155	.116	.184	.135	.101	.128	.095	.072	.075	.056	.043	.024	.018	.014	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:01 October 2020

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.250m [K=1.0000]  
Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:239.89V I:0.1082A P:17.261W PF:0.6653 Freq:50.09Hz Lamp Flux:859.188x1 lm											
NAME: SUPER MINI WEDGE_1071_WHT_OPAL V_DPAL-007_2700K TYPE:LED								WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: DARKON					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	3H	17.0	18.4	17.5	18.8	19.3	1.7	3.0	2.1	3.5	4.0
	4H	17.7	19.0	18.2	19.5	20.0	1.9	3.2	2.4	3.7	4.2
	6H	18.2	19.5	18.7	20.0	20.5	2.6	3.8	3.1	4.3	4.8
	8H	18.4	19.6	18.9	20.1	20.6	3.2	4.4	3.8	4.9	5.5
	12H	18.5	19.6	19.0	20.2	20.7	4.3	5.4	4.8	5.9	6.5
	4H	15.1	16.4	15.6	16.9	17.4	2.5	3.8	3.0	4.2	4.8
	3H	16.6	17.7	17.1	18.3	18.8	2.4	3.6	3.0	4.1	4.7
	4H	17.3	18.4	17.8	18.9	19.5	2.7	3.8	3.3	4.3	4.9
	6H	17.9	18.9	18.5	19.4	20.1	3.6	4.6	4.2	5.1	5.8
	8H	18.2	19.1	18.7	19.6	20.3	4.4	5.3	5.0	5.9	6.6
	12H	18.3	19.2	18.9	19.7	20.4	5.7	6.5	6.3	7.1	7.7
	8H	17.1	18.0	17.7	18.6	19.2	2.8	3.7	3.3	4.2	4.9
	6H	17.7	18.5	18.3	19.1	19.8	4.0	4.7	4.6	5.3	6.0
	8H	18.0	18.7	18.6	19.3	20.0	5.1	5.8	5.7	6.4	7.1
	12H	18.2	18.8	18.8	19.4	20.2	6.7	7.3	7.3	7.9	8.7
	12H	17.0	17.9	17.6	18.5	19.1	2.8	3.6	3.4	4.2	4.8
	6H	17.7	18.4	18.3	19.0	19.7	4.1	4.8	4.7	5.4	6.1
	8H	17.9	18.5	18.6	19.2	19.9	5.3	5.9	6.0	6.6	7.3
Variations with the observer position at spacings:											
S = 1.0H	+ 1.2 / - 1.0					+ 1.2 / - 1.5					
1.5H	+ 2.3 / - 3.0					+ 1.8 / - 1.4					
2.0H	+ 3.3 / - 5.0					+ 0.7 / - 0.3					

CIE Pub.117, 859.2 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = -0.5$ )

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:01 October 2020

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.250m [K=1.0000]  
Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:239.89V I:0.1082A P:17.261W PF:0.6653 Freq:50.09Hz Lamp Flux:859.188x1 lm		
NAME: SUPER MINI WEDGE_1071_WHT_OPAL V_DPAL-007_2700K TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:

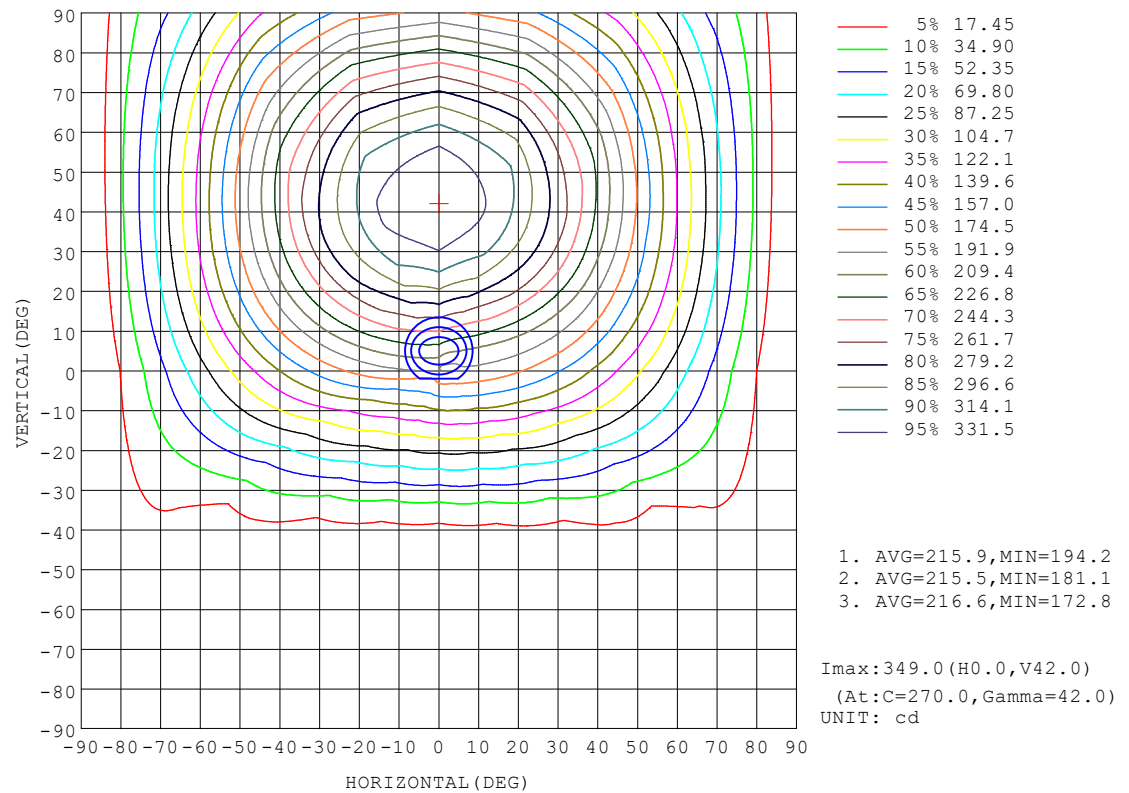
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	49	36	29	48	36	29	46	35	28	22
0.80	58	45	37	57	44	36	54	43	36	28
1.00	66	53	44	64	52	44	61	53	43	35
1.25	73	60	51	71	59	51	67	57	49	40
1.50	78	65	57	75	64	56	71	62	54	45
2.00	85	74	65	82	72	64	77	69	62	52
2.50	90	79	71	87	77	70	81	73	67	56
3.00	93	84	76	90	82	75	84	77	72	60
4.00	98	90	83	95	87	81	89	83	78	65
5.00	101	94	88	98	91	86	91	86	81	68
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:25.3DEG  
Operators:JEFF  
Test Date:01 October 2020

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.250m [K=1.0000]  
Remarks:

**ISOCANDELA DIAGRAM**

Test:U:239.89V I:0.1082A P:17.261W PF:0.6653 Freq:50.09Hz Lamp Flux:859.188x1 lm		
NAME: SUPER MINI WEDGE_1071_WHT_OPAL V_DPAL-007_2700K TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:



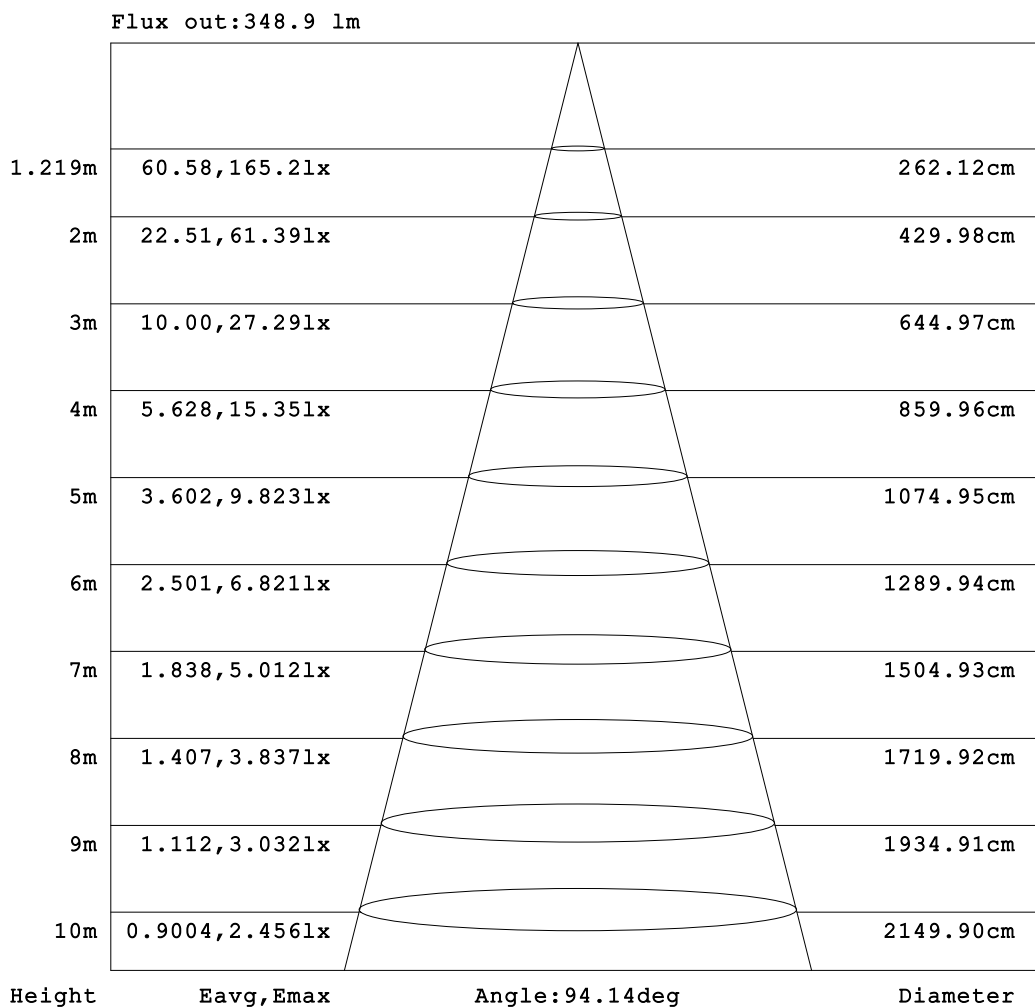
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:01 October 2020

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.250m [K=1.0000]  
Remarks:



**AAI Figure**

Test:U:239.89V I:0.1082A P:17.261W PF:0.6653 Freq:50.09Hz Lamp Flux:859.188x1 lm		
NAME: SUPER MINI WEDGE_1071_WHT_OPAL V_DPAL-007_2700K TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:



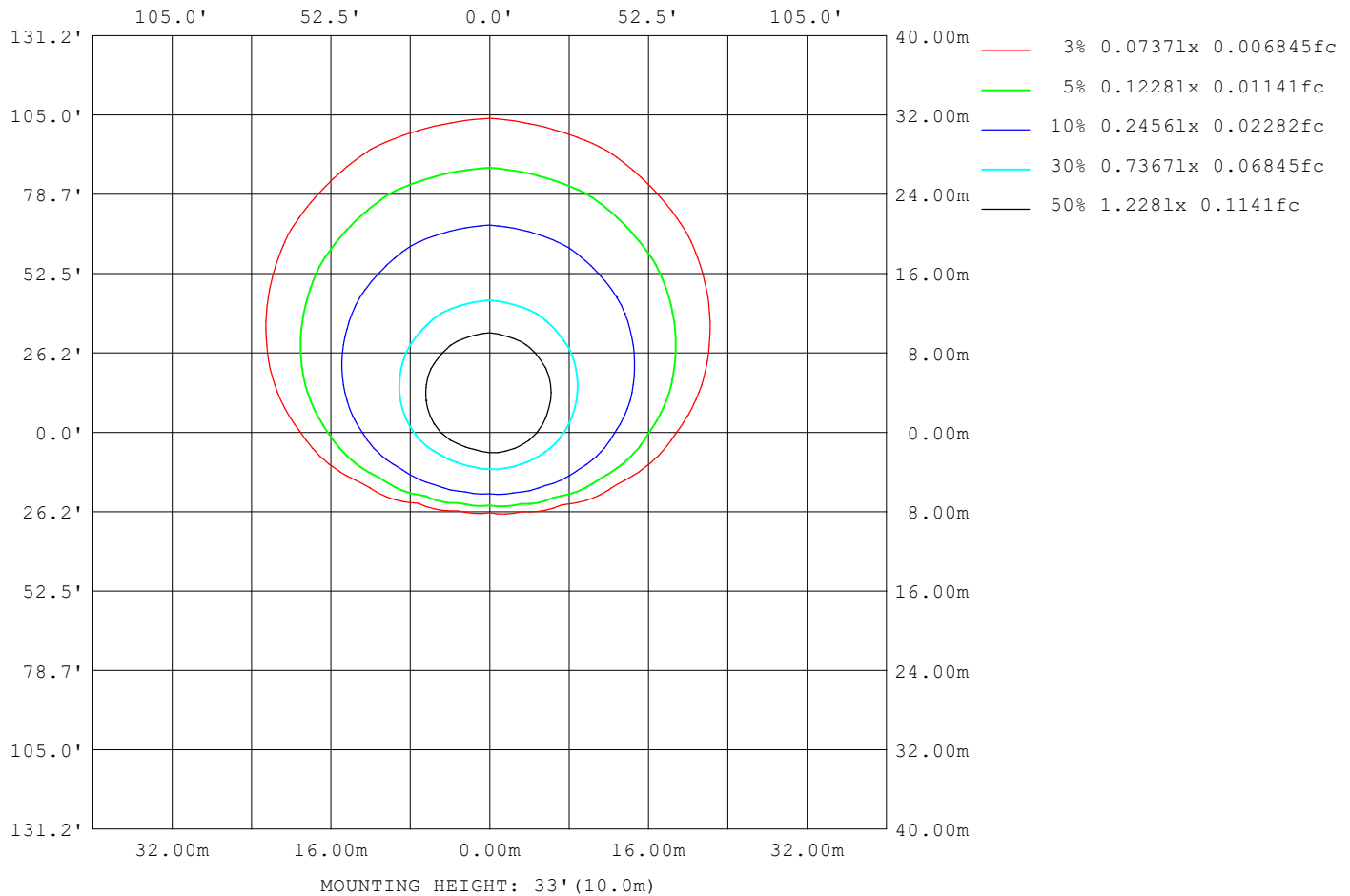
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:01 October 2020

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.250m [K=1.0000]  
Remarks:

**ISOLUX DIAGRAM**

Test:U:239.89V I:0.1082A P:17.261W PF:0.6653 Freq:50.09Hz Lamp Flux:859.188x1 lm		
NAME: SUPER MINI WEDGE_1071_WHT_OPAL V_DPAL-007_2700K TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JEFF  
 Test Date: 01 October 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity: 65.0%  
 Test Distance: 7.250m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:239.89V I:0.1082A P:17.261W PF:0.6653 Freq:50.09Hz Lamp Flux:859.188x1 lm		
NAME: SUPER MINI WEDGE_1071_WHT_OPAL V_DPAL-007_270	OK TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:

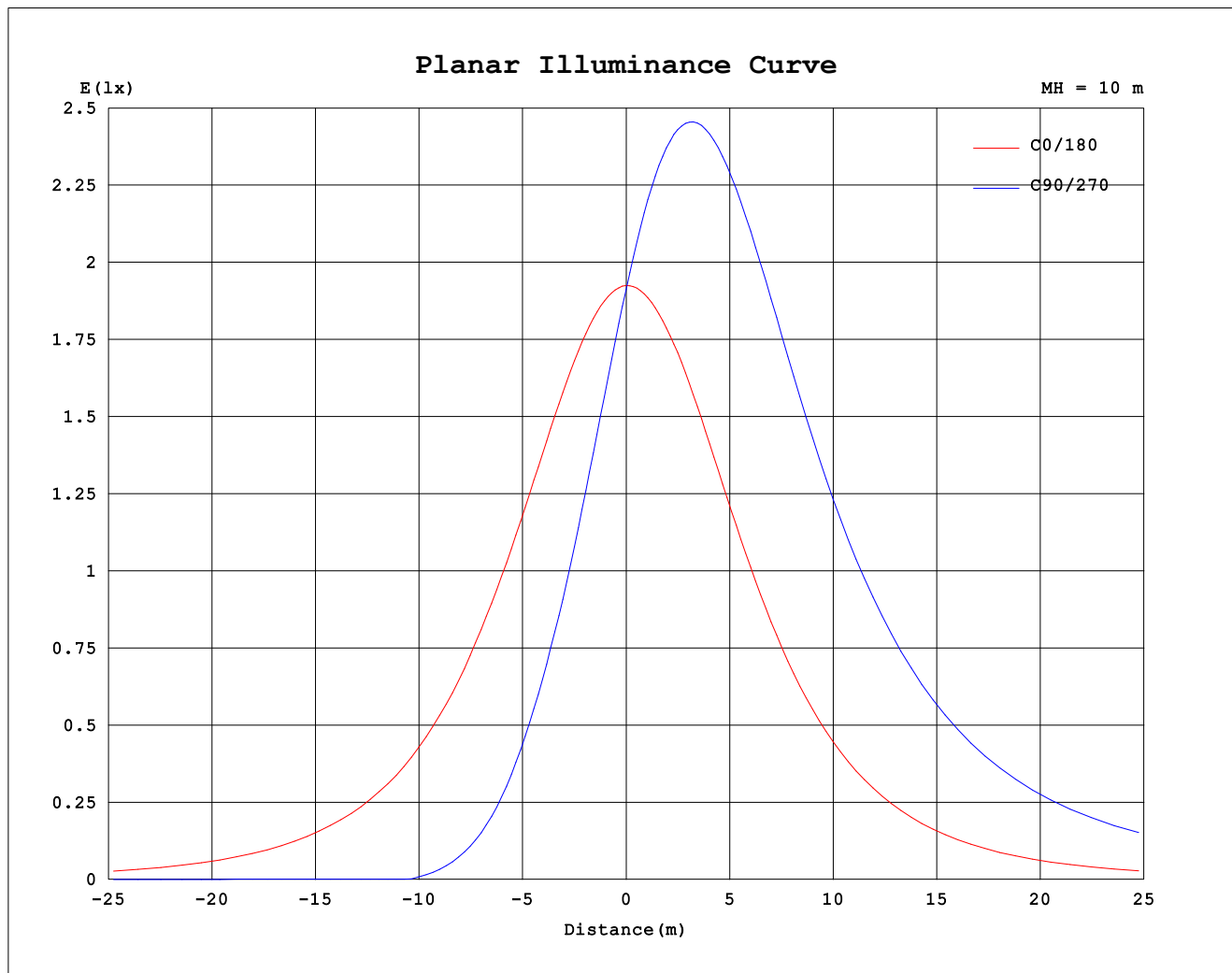
AvgL	cd/m2
L_0~180 (65) av	9445
L_0~180 (75) av	7743
L_0~180 (85) av	4666
L_90~270 (65) av	22729
L_90~270 (75) av	31608
L_90~270 (85) av	75453
L_45 (65) av	16671
L_45 (75) av	22455
L_45 (85) av	51361

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:01 October 2020

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.250m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: JEFF  
Test Date: 01 October 2020

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity: 65.0%  
Test Distance: 7.250m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:239.89V I:0.1082A P:17.261W PF:0.6653 Freq:50.09Hz Lamp Flux:859.188x1 lm		
NAME: SUPER MINI WEDGE_1071_WHT_OPAL V_DPAL-007_270	OK TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	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	193	193	192	192	191	186	185	184	193	193	192	192	191	186	185	184			
5	191	182	173	168	164	162	166	173	192	203	211	217	219	211	203	192			
10	188	169	153	143	138	138	146	162	190	211	229	242	245	235	220	199			
15	183	156	133	119	113	115	127	149	186	217	245	265	271	258	235	205			
20	176	141	113	96.5	90.4	92.9	108	136	180	221	259	286	295	279	249	208			
25	168	126	94.2	75.1	68.4	72.2	90.5	122	172	222	270	304	315	297	260	210			
30	158	111	75.6	54.4	46.6	52.1	72.6	107	163	221	278	318	331	311	267	209			
35	147	95.1	57.7	34.9	27.7	33.1	55.1	92.3	152	217	282	328	342	321	271	205			
40	135	79.3	39.7	19.1	12.9	17.7	37.4	77.1	140	211	282	332	348	326	271	199			
45	122	63.7	23.9	7.15	2.68	6.05	22.0	61.8	126	201	278	331	348	326	267	191			
50	107	48.2	11.5	0.52	0.55	0.41	9.78	46.7	112	190	269	326	345	321	259	180			
55	93.1	32.9	2.76	0.68	0.71	0.58	1.51	31.4	96.6	176	257	317	335	311	248	167			
60	77.4	18.6	0.57	0.87	0.88	0.78	0.49	17.2	80.7	161	243	303	321	297	235	153			
65	61.8	7.65	0.73	1.08	1.10	1.02	0.67	6.29	64.4	144	226	285	302	279	218	137			
70	46.1	0.75	0.91	1.31	1.35	1.27	0.87	0.51	48.1	126	206	264	281	258	199	120			
75	31.0	0.63	1.11	1.58	1.65	1.54	1.09	0.58	32.3	108	186	240	257	236	179	103			
80	17.3	0.77	1.33	1.86	1.97	1.82	1.33	0.74	17.9	90.5	164	216	232	211	159	86.2			
85	6.36	0.92	1.58	2.11	2.29	2.12	1.58	0.92	6.49	72.0	142	191	206	187	137	68.6			
90	0.57	1.10	1.85	2.50	2.58	2.43	1.83	1.11	0.59	53.9	121	166	180	162	116	51.2			
95	0.57	1.29	2.12	2.78	2.89	2.71	2.07	1.31	0.60	36.8	97.1	140	154	138	95.0	34.9			
100	0.69	1.46	2.34	3.04	3.18	2.97	2.30	1.50	0.72	20.8	72.9	115	129	114	74.8	20.3			
105	0.82	1.64	2.55	3.27	3.45	3.21	2.53	1.70	0.86	8.49	54.8	90.4	105	92.4	55.7	7.75			
110	0.97	1.82	2.75	3.51	3.68	3.43	2.73	1.88	0.99	1.92	34.8	65.2	82.8	71.1	37.7	1.23			
115	1.11	2.00	2.93	3.70	3.88	3.60	2.91	2.07	1.13	0.52	19.8	49.7	59.0	51.0	20.8	0.57			
120	1.27	2.16	3.08	3.82	4.02	3.76	3.08	2.25	1.27	0.63	8.46	31.1	38.2	31.6	8.45	0.70			
125	1.41	2.30	3.22	3.92	4.13	3.90	3.22	2.41	1.41	0.75	1.91	14.7	20.7	15.9	1.14	0.86			
130	1.57	2.44	3.33	4.01	4.19	3.99	3.34	2.56	1.56	0.89	0.55	4.55	9.21	4.72	0.57	1.03			
135	1.72	2.57	3.39	4.03	4.21	4.03	3.44	2.69	1.71	1.04	0.71	0.48	1.10	0.45	0.74	1.22			
140	1.87	2.68	3.47	4.02	4.22	4.03	3.49	2.80	1.87	1.20	0.87	0.64	0.56	0.60	0.93	1.41			
145	2.02	2.78	3.49	4.00	4.17	4.00	3.53	2.90	2.02	1.39	1.05	0.82	0.76	0.81	1.13	1.59			
150	2.17	2.86	3.49	3.93	4.08	3.94	3.53	2.98	2.17	1.58	1.25	1.03	0.98	1.03	1.36	1.79			
155	2.31	2.93	3.48	3.83	3.98	3.85	3.53	3.04	2.32	1.79	1.48	1.27	1.23	1.28	1.59	1.99			
160	2.44	2.98	3.42	3.70	3.85	3.73	3.48	3.07	2.45	1.99	1.72	1.54	1.52	1.56	1.84	2.19			
165	2.57	2.98	3.33	3.54	3.70	3.58	3.39	3.06	2.58	2.22	2.00	1.85	1.85	1.86	2.11	2.39			
170	2.67	2.95	3.22	3.35	3.50	3.38	3.28	3.05	2.69	2.43	2.29	2.18	2.20	2.19	2.39	2.58			
175	2.74	2.91	3.07	3.13	3.25	3.16	3.14	3.00	2.77	2.64	2.59	2.53	2.58	2.54	2.68	2.77			
180	2.79	2.84	2.88	2.89	2.96	2.92	2.95	2.94	2.80	2.83	2.87	2.89	2.94	2.89	2.94	2.93			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:JEFF

Test Date:01 October 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366

Humidity:65.0%

Test Distance:7.250m [K=1.0000]

Remarks: