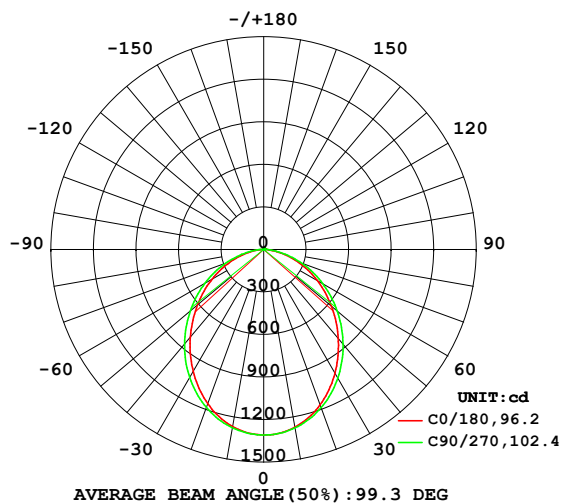


## LUMINAIRE PHOTOMETRIC TEST REPORT

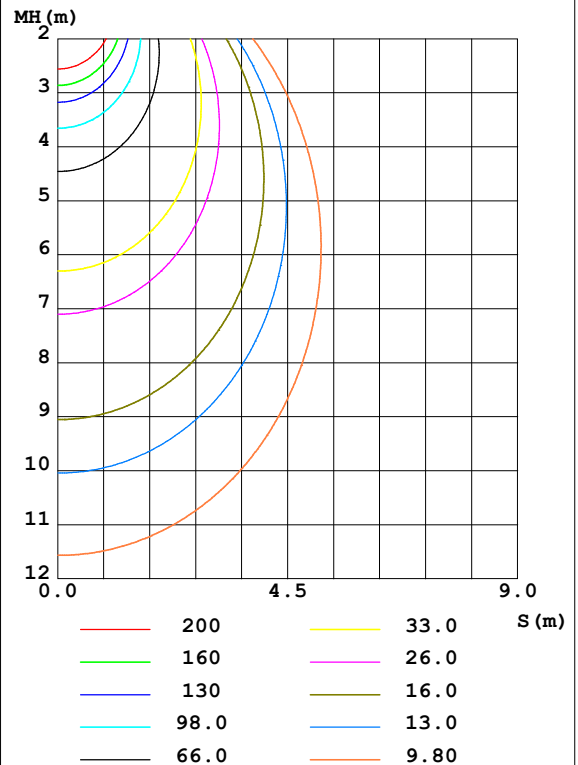
Test:U:219.87V I:0.1588A P:33.593W PF:0.9620 Freq:49.99Hz Lamp Flux:3255.01x1 lm		
NAME: R8636-12PDM	TYPE:R8636-12PDM	WEIGHT:
SPEC.:4FT	DIM.: 4FT	SERIAL No.:1
MFR.: BLUEVISION	SUR.:1220*70	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.89 lm/W			
MODEL	R8636-12PDM	I <sub>max</sub> (cd)	1309	S/MH (C0/180)	1.15
NOMINAL POWER(W)	33.6	LOR(%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	3255.0	η UP,DN(C0-180)	0.6,49.6
NOMINAL FLUX(lm)	3255.01	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.6,49.2
LAMPS INSIDE	1	η up (%)	1.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down (%)	98.8	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2017-12-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.310m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

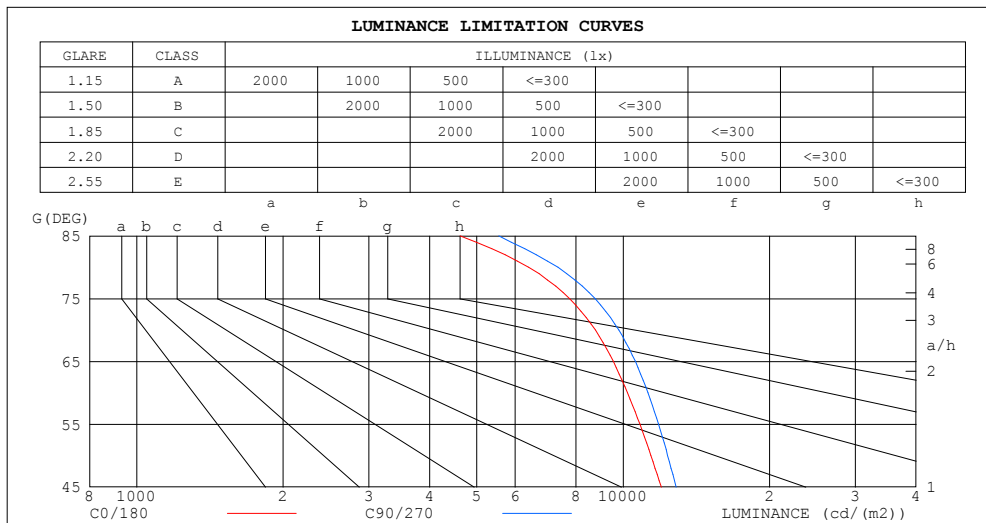
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1273	1276	1277	1272	1268	1271	1277	1275	0- 10	123.2	123.2	3.79,3.79
20	1166	1178	1187	1170	1157	1169	1185	1177	10- 20	346.7	469.9	14.4,14.4
30	1007	1029	1047	1018	994.5	1016	1044	1027	20- 30	507.8	977.7	30,30
40	819.4	846.3	871.4	834.7	805.5	833.1	869.0	845.7	30- 40	584.0	1562	48,48
50	624.7	651.1	677.8	639.6	610.0	638.9	676.4	651.7	40- 50	573.9	2136	65.6,65.6
60	435.1	457.1	480.4	445.8	420.8	445.8	479.9	458.7	50- 60	491.0	2627	80.7,80.7
70	255.5	269.9	286.4	259.7	242.8	260.3	287.6	272.3	60- 70	355.0	2982	91.6,91.6
80	94.54	100.8	109.0	93.25	84.94	93.75	110.4	103.1	70- 80	189.6	3171	97.4,97.4
90	3.202	3.326	3.427	3.206	2.751	2.905	3.311	3.040	80- 90	44.18	3215	98.8,98.8
100	3.714	3.854	4.218	4.023	3.392	3.639	3.870	3.506	90-100	3.683	3219	98.9,98.9
110	4.715	4.845	5.263	5.042	4.259	4.560	4.869	4.387	100-110	4.484	3224	99,99
120	5.898	5.956	6.397	6.203	5.279	5.593	5.888	5.388	110-120	5.213	3229	99.2,99.2
130	7.242	7.227	7.639	7.487	6.482	6.745	6.985	6.519	120-130	5.734	3235	99.4,99.4
140	8.582	8.491	8.833	8.722	7.800	7.979	8.153	7.747	130-140	5.914	3240	99.6,99.6
150	9.807	9.695	9.904	9.884	9.151	9.299	9.339	9.017	140-150	5.578	3246	99.7,99.7
160	11.09	10.78	10.89	10.97	10.58	10.54	10.47	10.26	150-160	4.662	3251	99.9,99.9
170	12.01	11.63	11.64	11.77	11.77	11.49	11.40	11.35	160-170	3.157	3254	100,100
180	12.50	11.99	11.94	11.98	12.50	12.01	11.95	11.96	170-180	1.129	3255	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2017-12-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.310m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:219.87V I:0.1588A P:33.593W PF:0.9620 Freq:49.99Hz Lamp Flux:3255.01x1 lm		
NAME: R8636-12PDM	TYPE:R8636-12PDM	WEIGHT:
SPEC.:4FT	DIM.: 4FT	SERIAL No.:1
MFR.: BLUEVISION	SUR.:1220*70	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4621	5554
80	6387	7350
75	7756	8758
70	8765	9801
65	9543	10594
60	10209	11245
55	10825	11825
50	11401	12343
45	11983	12850

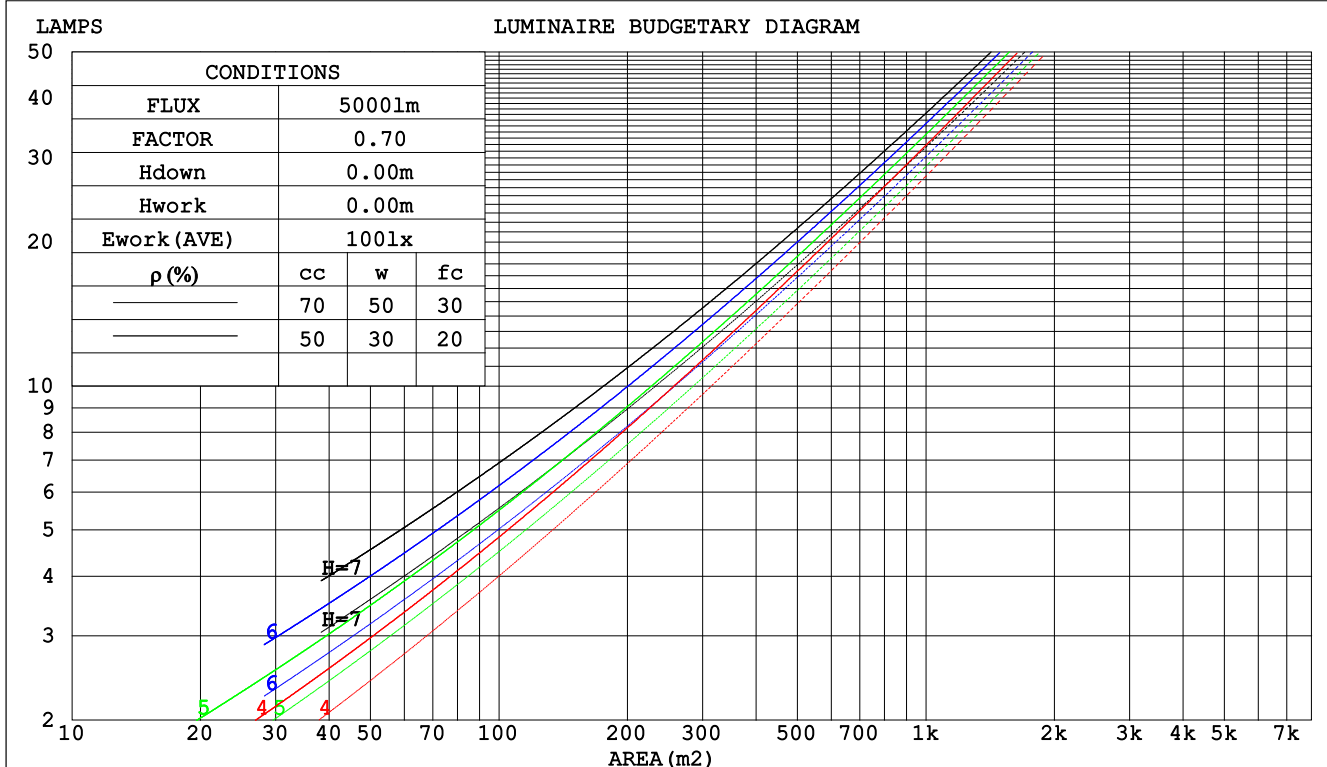
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2017-12-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.310m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.87V I:0.1588A P:33.593W PF:0.9620 Freq:49.99Hz Lamp Flux:3255.01x1 lm		
NAME: R8636-12PDM	TYPE:R8636-12PDM	WEIGHT:
SPEC.:4FT	DIM.: 4FT	SERIAL No.:1
MFR.: BLUEVISION	SUR.:1220*70	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	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	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.82	.78	.75	.79	.76	.73	.71
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.73	.68	.63	.71	.66	.62	.60
4.0	.72	.63	.57	.71	.63	.56	.68	.61	.56	.65	.60	.55	.63	.58	.54	.52
5.0	.65	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.50	.43	.57	.49	.43	.55	.48	.43	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.38	.48	.42	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.40	.35	.30	.29
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:KEVINLI  
 Test Date:2017-12-23

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.310m [K=1.0000]  
 Remarks:

### WEC AND CCEC

Test:U:219.87V I:0.1588A P:33.593W PF:0.9620 Freq:49.99Hz Lamp Flux:3255.01x1 lm					
NAME: R8636-12PDM			TYPE:R8636-12PDM		WEIGHT:
SPEC.:4FT			DIM.: 4FT		SERIAL No.:1
MFR.: BLUEVISION			SUR.:1220*70		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	.292	.166	.053	.285	.163	.052	.271	.156	.050	.258	.149	.048	.247	.143	.046		
2.0	.278	.152	.047	.271	.149	.046	.259	.144	.045	.248	.139	.043	.237	.134	.042		
3.0	.258	.138	.041	.253	.135	.041	.242	.131	.040	.232	.127	.039	.223	.123	.038		
4.0	.240	.125	.037	.235	.123	.036	.225	.119	.036	.216	.116	.035	.208	.113	.034		
5.0	.222	.113	.033	.218	.112	.033	.209	.109	.032	.201	.106	.032	.194	.104	.031		
6.0	.207	.104	.030	.203	.102	.029	.195	.100	.029	.188	.098	.029	.181	.096	.028		
7.0	.193	.095	.027	.189	.094	.027	.183	.092	.027	.176	.090	.026	.170	.088	.026		
8.0	.181	.088	.025	.177	.087	.025	.171	.086	.024	.166	.084	.024	.160	.082	.024		
9.0	.170	.082	.023	.167	.081	.023	.161	.080	.023	.156	.078	.022	.151	.077	.022		
10.0	.160	.077	.021	.157	.076	.021	.152	.075	.021	.147	.073	.021	.143	.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	.200	.200	.200	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.188	.166	.145	.161	.142	.125	.110	.098	.086	.063	.057	.050	.020	.018	.016	
2.0	.180	.141	.109	.154	.122	.094	.106	.084	.066	.061	.049	.039	.020	.016	.013	
3.0	.172	.124	.085	.147	.107	.074	.101	.074	.052	.058	.043	.031	.019	.014	.010	
4.0	.164	.110	.069	.141	.095	.060	.097	.066	.042	.056	.039	.025	.018	.013	.008	
5.0	.157	.100	.058	.134	.086	.050	.093	.060	.036	.054	.035	.021	.017	.012	.007	
6.0	.150	.091	.050	.129	.079	.043	.089	.055	.031	.051	.033	.018	.017	.011	.006	
7.0	.143	.084	.044	.123	.073	.038	.085	.051	.027	.049	.030	.016	.016	.010	.005	
8.0	.136	.079	.039	.117	.068	.034	.081	.048	.024	.047	.028	.014	.015	.009	.005	
9.0	.131	.074	.035	.112	.064	.031	.078	.045	.022	.045	.027	.013	.015	.009	.004	
10.0	.125	.069	.032	.108	.060	.028	.075	.042	.020	.044	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2017-12-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.310m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.87V I:0.1588A P:33.593W PF:0.9620 Freq:49.99Hz Lamp Flux:3255.01x1 lm											
NAME: R8636-12PDM						TYPE:R8636-12PDM			WEIGHT:		
SPEC.:4FT						DIM.: 4FT			SERIAL No.:1		
MFR.: BLUEVISION						SUR.:1220*70			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		16.8	18.2	17.1	18.5	18.7	17.2	18.7	17.5	18.9	19.1
	3H	18.1	19.4	18.4	19.7	19.9	18.6	19.9	18.9	20.2	20.5
	4H	18.6	19.8	18.9	20.1	20.4	19.1	20.4	19.4	20.7	20.9
	6H	18.9	20.1	19.2	20.4	20.7	19.5	20.7	19.8	20.9	21.2
	8H	18.9	20.1	19.3	20.4	20.7	19.5	20.7	19.9	21.0	21.3
	12H	19.0	20.1	19.3	20.4	20.7	19.6	20.7	19.9	21.0	21.3
4H	2H	17.4	18.7	17.7	18.9	19.2	17.7	19.0	18.0	19.3	19.5
	3H	18.9	20.0	19.2	20.3	20.6	19.3	20.4	19.7	20.7	21.0
	4H	19.5	20.5	19.8	20.8	21.2	19.9	20.9	20.3	21.3	21.6
	6H	19.9	20.8	20.3	21.1	21.5	20.4	21.3	20.8	21.6	22.0
	8H	20.0	20.8	20.4	21.2	21.6	20.5	21.3	20.9	21.7	22.1
	12H	20.0	20.8	20.5	21.2	21.6	20.6	21.3	21.0	21.7	22.2
8H	4H	19.7	20.5	20.1	20.9	21.3	20.1	20.9	20.5	21.3	21.7
	6H	20.2	20.9	20.7	21.3	21.8	20.7	21.4	21.1	21.8	22.3
	8H	20.4	21.0	20.9	21.4	21.9	20.9	21.5	21.4	21.9	22.4
	12H	20.5	21.0	21.0	21.5	22.0	21.0	21.5	21.5	22.0	22.5
12H	4H	19.7	20.5	20.1	20.9	21.3	20.1	20.9	20.5	21.3	21.7
	6H	20.3	20.9	20.7	21.3	21.8	20.7	21.3	21.2	21.8	22.2
	8H	20.5	21.0	21.0	21.4	21.9	20.9	21.5	21.4	21.9	22.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3					

CIE Pub.117, 3255 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 4.1$ )

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2017-12-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.310m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:219.87V I:0.1588A P:33.593W PF:0.9620 Freq:49.99Hz Lamp Flux:3255.01x1 lm		
NAME: R8636-12PDM	TYPE:R8636-12PDM	WEIGHT:
SPEC.:4FT	DIM.: 4FT	SERIAL No.:1
MFR.: BLUEVISION	SUR.:1220*70	Shielding Angle:

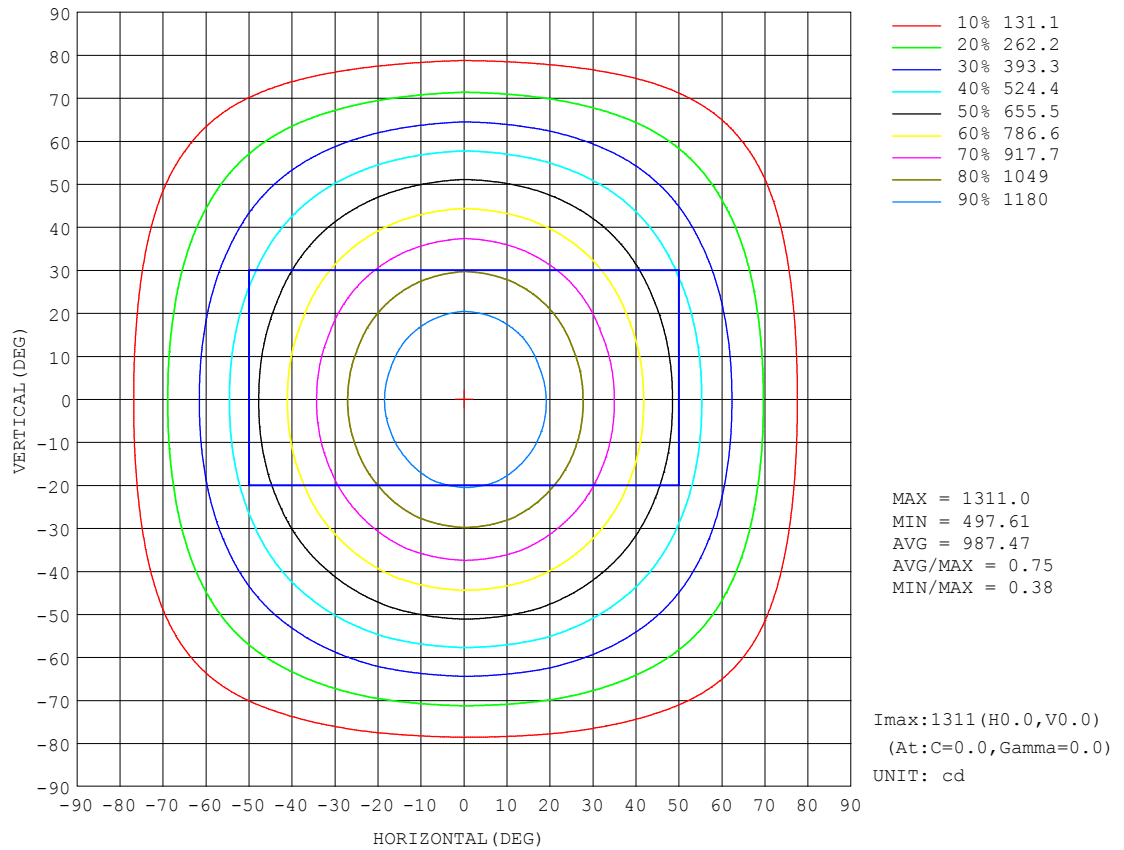
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	59	48	41	59	48	41	57	47	41	35
0.80	69	58	51	68	58	51	67	57	51	44
1.00	78	67	60	76	66	60	74	68	59	52
1.25	85	75	68	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	72	64
2.00	96	88	82	94	87	81	91	84	79	71
2.50	100	92	87	98	91	86	94	88	84	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	99	95	100	96	93	84
5.00	109	104	101	107	102	99	102	99	96	86
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:KEVINLI  
Test Date:2017-12-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.310m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:219.87V I:0.1588A P:33.593W PF:0.9620 Freq:49.99Hz Lamp Flux:3255.01x1 lm		
NAME: R8636-12PDM	TYPE:R8636-12PDM	WEIGHT:
SPEC.:4FT	DIM.: 4FT	SERIAL No.:1
MFR.: BLUEVISION	SUR.:1220*70	Shielding Angle:



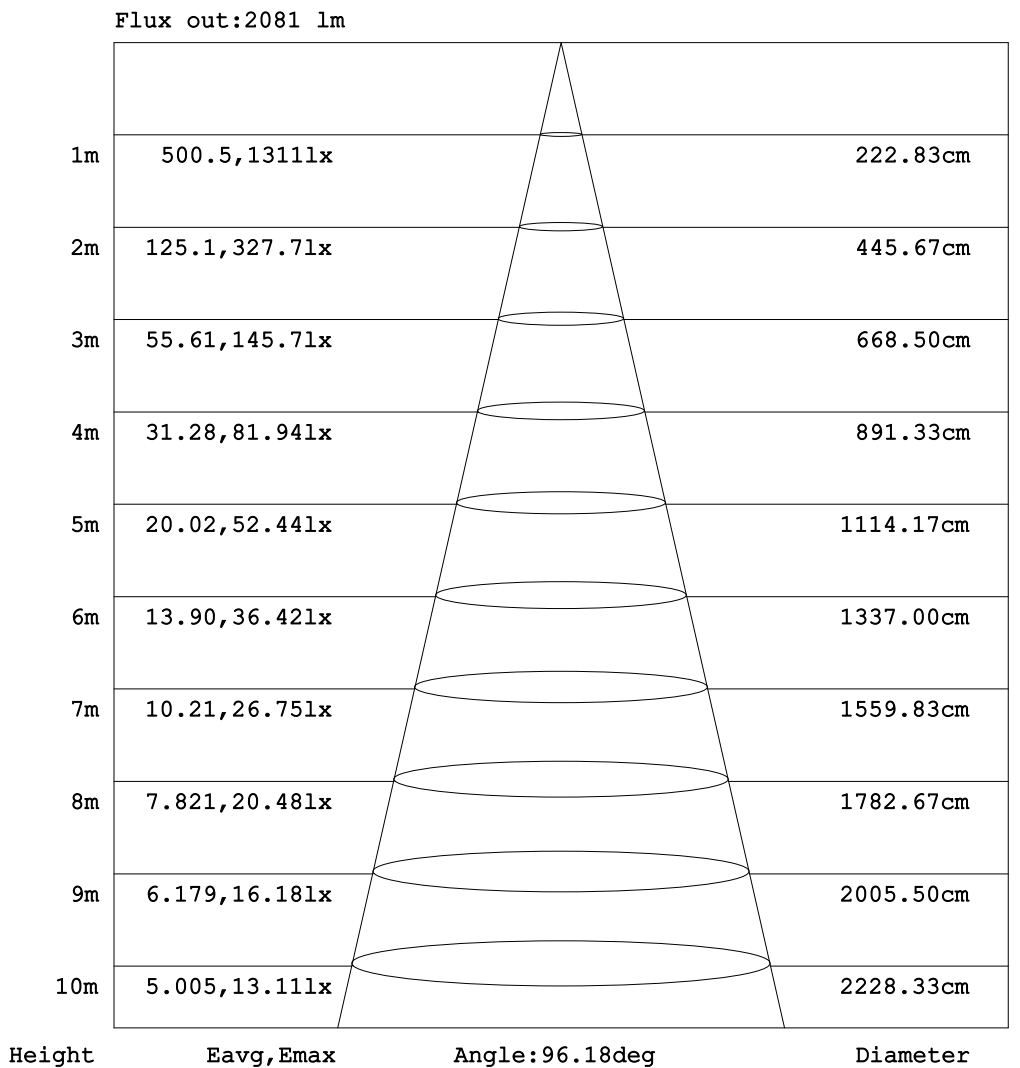
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2017-12-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.310m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:219.87V I:0.1588A P:33.593W PF:0.9620 Freq:49.99Hz Lamp Flux:3255.01x1 lm		
NAME: R8636-12PDM	TYPE:R8636-12PDM	WEIGHT:
SPEC.:4FT	DIM.: 4FT	SERIAL No.:1
MFR.: BLUEVISION	SUR.:1220*70	Shielding Angle:



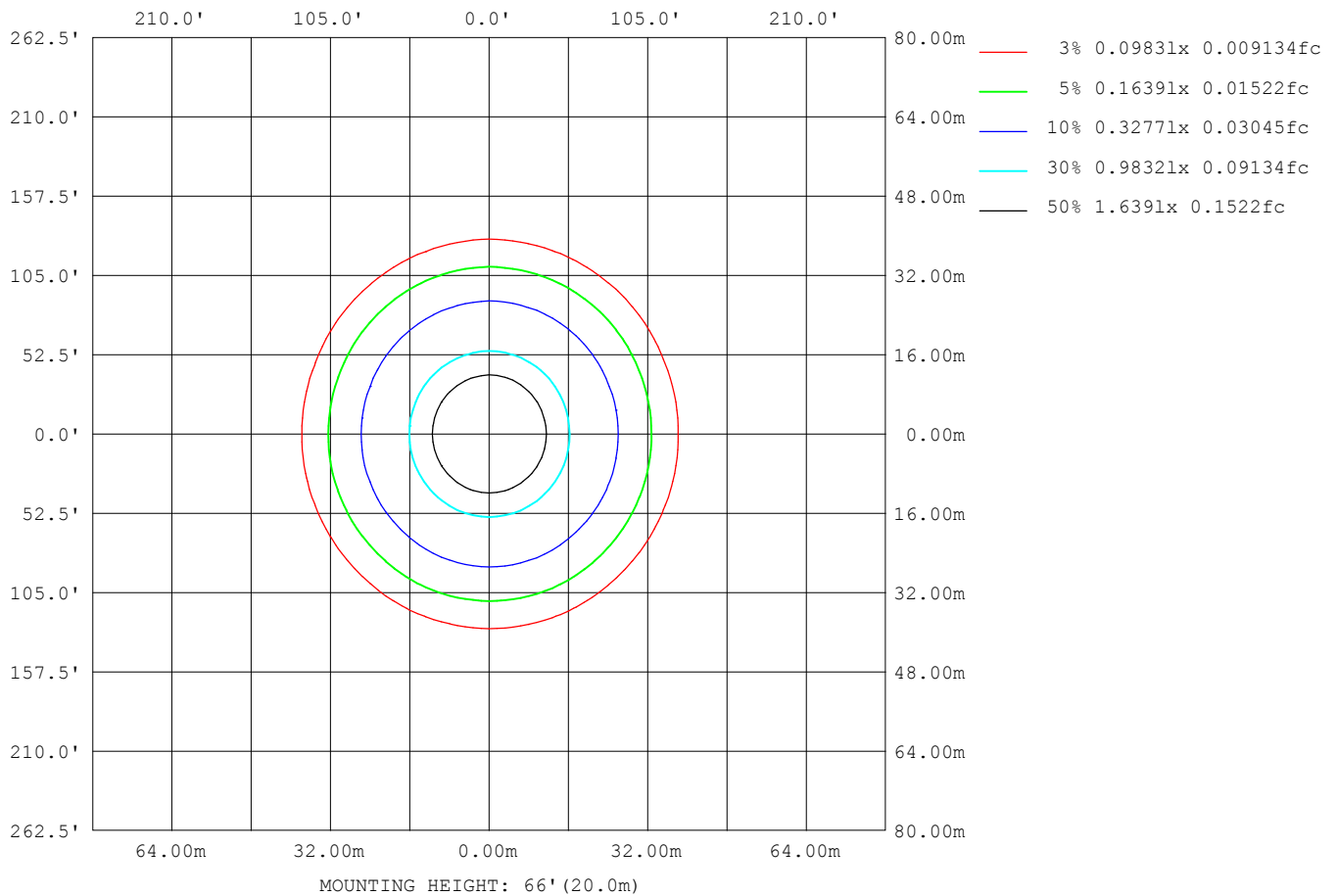
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: KEVINLI  
 Test Date: 2017-12-23

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity: 65.0%  
 Test Distance: 7.310m [K=1.0000]  
 Remarks:

### ISOLUX DIAGRAM

Test:U:219.87V I:0.1588A P:33.593W PF:0.9620 Freq:49.99Hz Lamp Flux:3255.01x1 lm		
NAME: R8636-12PDM	TYPE:R8636-12PDM	WEIGHT:
SPEC.:4FT	DIM.: 4FT	SERIAL No.:1
MFR.: BLUEVISION	SUR.:1220*70	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:KEVINLI  
 Test Date:2017-12-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.310m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:219.87V I:0.1588A P:33.593W PF:0.9620 Freq:49.99Hz Lamp Flux:3255.01x1 lm		
NAME: R8636-12PDM	TYPE:R8636-12PDM	WEIGHT:
SPEC.:4FT	DIM.: 4FT	SERIAL No.:1
MFR.: BLUEVISION	SUR.:1220*70	Shielding Angle:

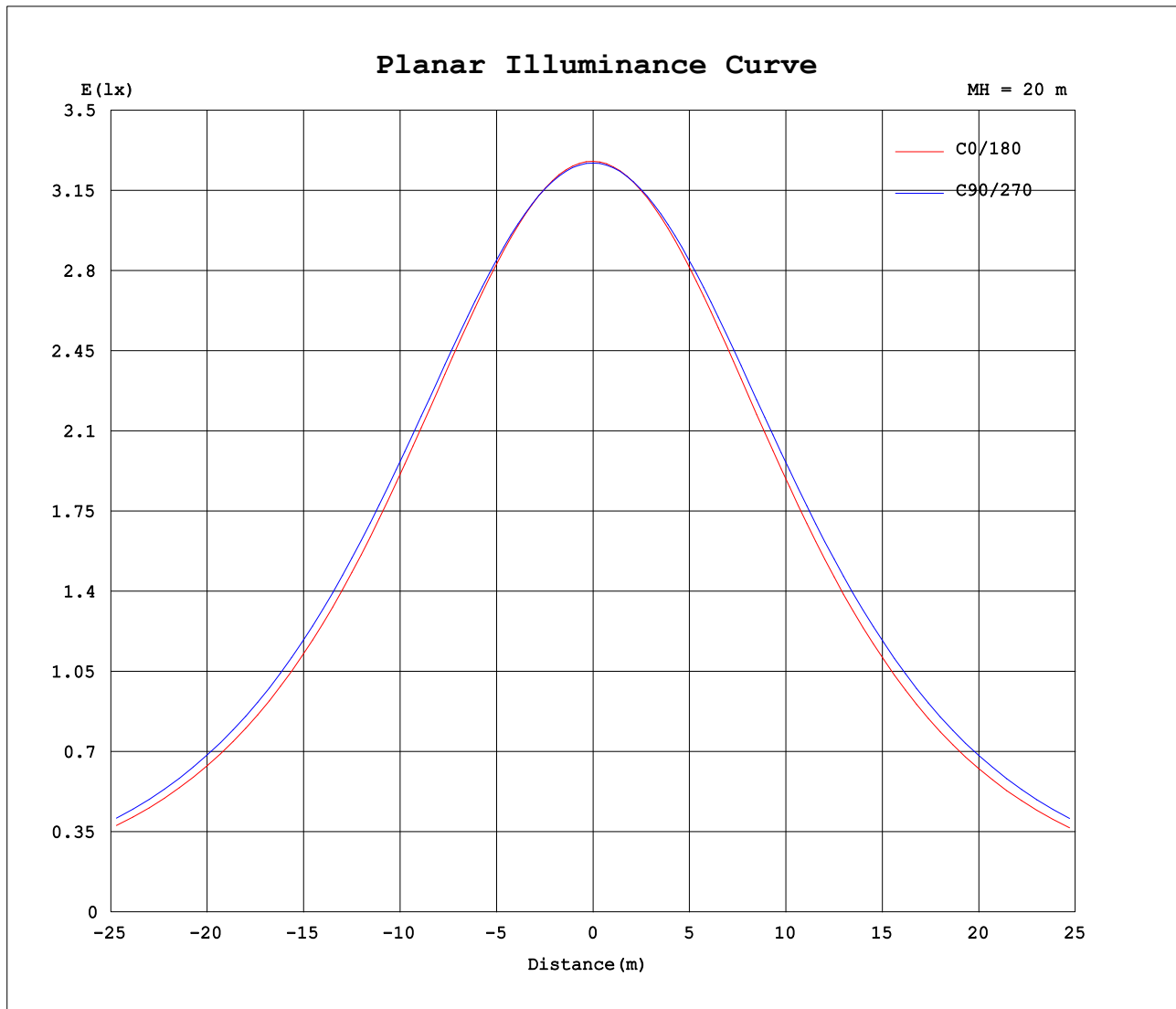
AvgL	cd/m2
L_0~180 (65) av	9336
L_0~180 (75) av	7475
L_0~180 (85) av	4161
L_90~270 (65) av	10601
L_90~270 (75) av	8795
L_90~270 (85) av	5626
L_45 (65) av	9904
L_45 (75) av	8033
L_45 (85) av	4724

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:KEVINLI  
 Test Date:2017-12-23

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.310m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: KEVINLI  
Test Date: 2017-12-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity: 65.0%  
Test Distance: 7.310m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.87V I:0.1588A P:33.593W PF:0.9620 Freq:49.99Hz Lamp Flux:3255.01x1 lm																	
NAME: R8636-12PDM									TYPE:R8636-12PDM						WEIGHT:		
SPEC.:4FT									DIM.: 4FT						SERIAL No.:1		
MFR.: BLUEVISION									SUR.:1220*70						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	1309	1309	1309	1309	1309	1309	1309	1309	1309	1309	1309	1309	1309	1309	1309	1309			
5	1300	1301	1301	1301	1301	1300	1299	1298	1298	1297	1298	1299	1300	1300	1301	1300			
10	1273	1275	1276	1278	1277	1276	1272	1270	1268	1267	1271	1273	1277	1276	1275	1272			
15	1227	1231	1235	1240	1239	1236	1229	1224	1220	1220	1227	1233	1238	1236	1234	1228			
20	1166	1172	1178	1187	1187	1182	1170	1162	1157	1158	1169	1178	1185	1183	1177	1168			
25	1091	1099	1109	1121	1122	1116	1100	1088	1081	1083	1098	1110	1120	1116	1108	1094			
30	1007	1016	1029	1044	1047	1038	1018	1003	994	998	1016	1033	1044	1039	1027	1011			
35	915	925	940	959	962	953	929	912	902	906	927	946	960	953	939	920			
40	819	830	846	867	871	861	835	816	806	810	833	854	869	862	846	825			
45	722	732	749	772	776	765	738	718	708	713	736	759	774	766	749	728			
50	625	635	651	674	678	667	640	620	610	615	639	661	676	669	652	631			
55	529	538	554	575	579	568	542	524	514	519	542	563	578	571	555	535			
60	435	444	457	476	480	470	446	429	421	425	446	465	480	473	459	440			
65	344	351	362	379	383	373	351	337	330	333	352	369	383	376	364	348			
70	256	261	270	284	286	278	260	249	243	245	260	274	288	281	272	258			
75	171	176	181	192	194	187	172	164	159	161	173	184	195	190	184	173			
80	94.5	97.8	101	108	109	104	93.2	88.6	84.9	85.3	93.7	101	110	107	103	95.5			
85	34.3	36.2	37.3	40.9	41.4	38.0	32.2	29.9	27.6	27.6	32.4	36.3	42.4	40.1	38.7	34.5			
90	3.20	3.30	3.33	3.47	3.43	3.32	3.21	3.10	2.75	2.80	2.90	3.05	3.31	3.07	3.04	2.85			
95	3.30	3.33	3.42	3.63	3.73	3.73	3.57	3.45	3.04	3.08	3.24	3.36	3.42	3.30	3.13	2.99			
100	3.71	3.74	3.85	4.08	4.22	4.18	4.02	3.88	3.39	3.46	3.64	3.80	3.87	3.71	3.51	3.33			
105	4.19	4.20	4.32	4.57	4.73	4.69	4.52	4.35	3.81	3.87	4.08	4.25	4.36	4.17	3.93	3.73			
110	4.71	4.72	4.85	5.08	5.26	5.21	5.04	4.89	4.26	4.32	4.56	4.74	4.87	4.63	4.39	4.19			
115	5.28	5.26	5.38	5.61	5.82	5.74	5.62	5.46	4.75	4.83	5.07	5.23	5.38	5.11	4.88	4.67			
120	5.90	5.86	5.96	6.15	6.40	6.30	6.20	6.08	5.28	5.37	5.59	5.74	5.89	5.60	5.39	5.19			
125	6.56	6.51	6.58	6.74	7.01	6.90	6.84	6.75	5.86	5.95	6.15	6.26	6.43	6.14	5.93	5.75			
130	7.24	7.19	7.23	7.37	7.64	7.54	7.49	7.43	6.48	6.57	6.75	6.84	6.99	6.72	6.52	6.37			
135	7.93	7.88	7.87	8.00	8.25	8.18	8.12	8.10	7.12	7.22	7.35	7.45	7.56	7.29	7.12	7.02			
140	8.58	8.55	8.49	8.61	8.83	8.82	8.72	8.72	7.80	7.87	7.98	8.11	8.15	7.92	7.75	7.69			
145	9.20	9.21	9.09	9.18	9.37	9.41	9.29	9.32	8.48	8.53	8.64	8.77	8.75	8.54	8.40	8.36			
150	9.81	9.83	9.70	9.72	9.90	9.95	9.88	9.89	9.15	9.17	9.30	9.32	9.34	9.15	9.02	9.05			
155	10.4	10.5	10.3	10.2	10.4	10.5	10.5	10.5	9.85	9.84	9.94	9.91	9.91	9.70	9.65	9.75			
160	11.1	11.1	10.8	10.7	10.9	11.0	11.0	11.0	10.6	10.4	10.5	10.5	10.5	10.3	10.3	10.4			
165	11.6	11.6	11.2	11.2	11.3	11.4	11.4	11.5	11.2	11.1	11.0	11.0	11.0	10.8	10.8	11.1			
170	12.0	11.9	11.6	11.6	11.6	11.7	11.8	11.8	11.8	11.5	11.5	11.5	11.4	11.3	11.3	11.6			
175	12.4	12.2	11.9	11.8	11.9	11.9	12.0	12.1	12.3	11.9	11.8	11.8	11.7	11.6	11.7	11.9			
180	12.5	12.2	12.0	11.9	11.9	11.9	12.0	12.1	12.5	12.2	12.0	11.9	11.9	11.9	12.0	12.1			

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2017-12-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
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