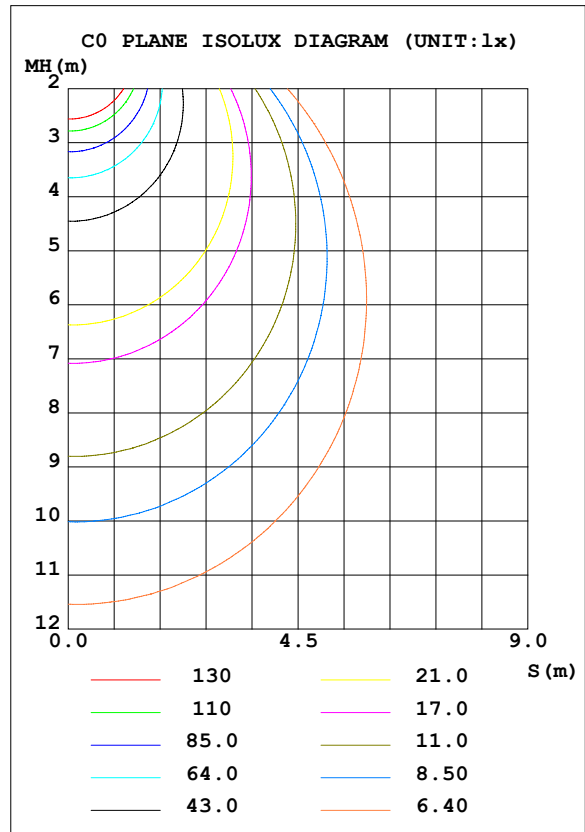
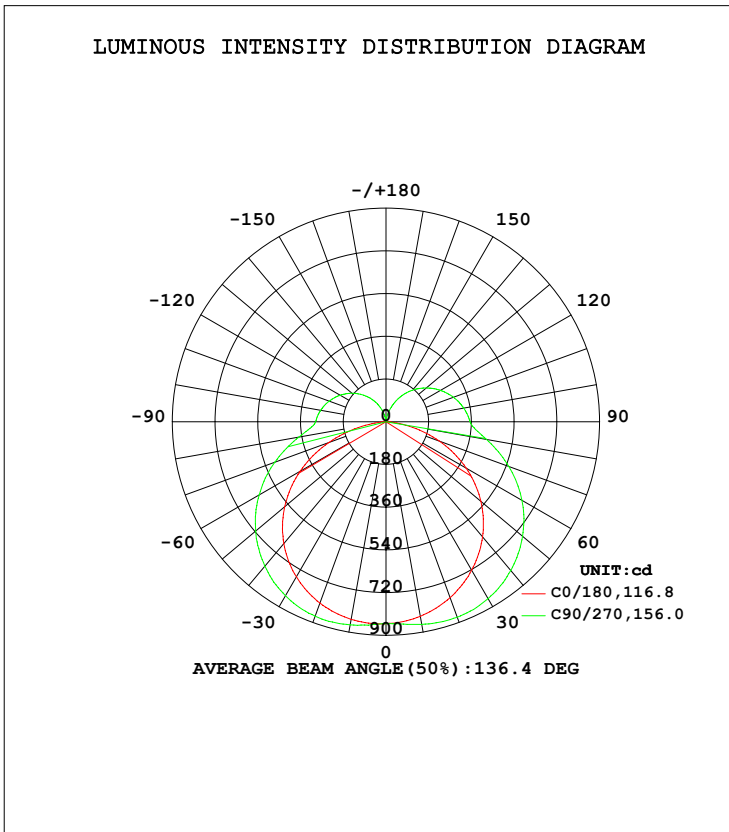


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.3160A P:37.60W PF:0.9915 Lamp Flux:4236.94x1 lm		
NAME: led light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Rising-Sun	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.68 lm/W			
MODEL	4116	I _{max} (cd)	877.1	S/MH (C0/180)	1.26
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.51
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	4236.9	η UP, DN (C0-180)	9.0, 39.3
NOMINAL FLUX (lm)	4236.94	CIE CLASS	SEMI-D.	η# UP, DN (C180-360)	10.8, 40.9
LAMPS INSIDE	1	η up (%)	19.8	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	η down (%)	80.2	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ben
 Test Date: 2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.447m [K=1.0000]
 Remarks: 4116 (VL016A-40-WH)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

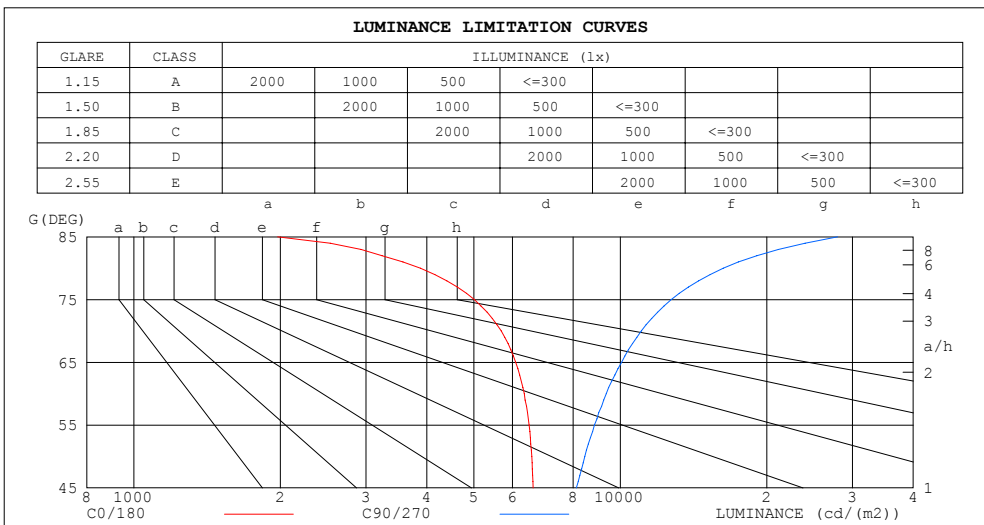
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	845.7	862.1	869.1	853.8	832.8	848.6	866.7	860.0	0- 10	81.51	81.51	1.92,1.92
20	813.2	857.7	872.3	838.3	788.8	838.6	876.9	860.8	10- 20	241.2	322.7	7.62,7.62
30	754.9	827.5	846.9	801.7	722.4	806.8	860.3	835.8	20- 30	383.0	705.6	16.7,16.7
40	669.9	769.8	794.3	739.2	633.1	750.8	818.1	786.2	30- 40	489.3	1195	28.2,28.2
50	557.3	685.1	716.9	652.5	522.0	672.1	751.1	712.5	40- 50	546.3	1741	41.1,41.1
60	418.2	575.1	617.2	544.4	389.7	570.8	661.2	610.4	50- 60	545.4	2287	54,54
70	256.5	441.4	498.4	417.6	239.7	449.4	550.9	485.4	60- 70	484.2	2771	65.4,65.4
80	88.87	299.4	373.0	284.0	86.11	320.0	430.3	348.8	70- 80	372.1	3143	74.2,74.2
90	0.2712	213.5	296.9	207.2	0.1975	238.5	354.5	264.5	80- 90	253.5	3397	80.2,80.2
100	0.3912	199.2	279.7	192.9	0.2708	222.4	333.0	245.7	90-100	212.9	3609	85.2,85.2
110	0.4491	179.4	255.2	173.8	0.3899	200.6	302.5	219.7	100-110	189.5	3799	89.7,89.7
120	0.7026	154.1	223.7	149.7	0.7020	174.0	265.2	188.4	110-120	157.3	3956	93.4,93.4
130	1.208	125.5	186.9	122.4	1.170	143.1	222.2	153.4	120-130	120.2	4076	96.2,96.2
140	1.880	94.22	146.3	92.62	1.683	106.4	174.2	116.7	130-140	82.71	4159	98.2,98.2
150	2.597	62.08	102.4	61.51	2.102	62.25	121.1	85.75	140-150	48.88	4208	99.3,99.3
160	2.960	31.13	56.33	29.91	2.280	18.52	65.45	54.22	150-160	22.33	4230	99.8,99.8
170	2.977	8.321	15.75	6.623	2.348	4.414	17.79	17.16	160-170	6.067	4236	100,100
180	2.774	2.594	1.738	1.842	2.775	2.745	2.499	2.422	170-180	0.5532	4237	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 13.9 %									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ben
 Test Date:2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks: VL016A-40-WH

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.3160A P:37.60W PF:0.9915 Lamp Flux:4236.94x1 lm		
NAME: led light 4116	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Rising-Sun	SUR.:	Shielding Angle:



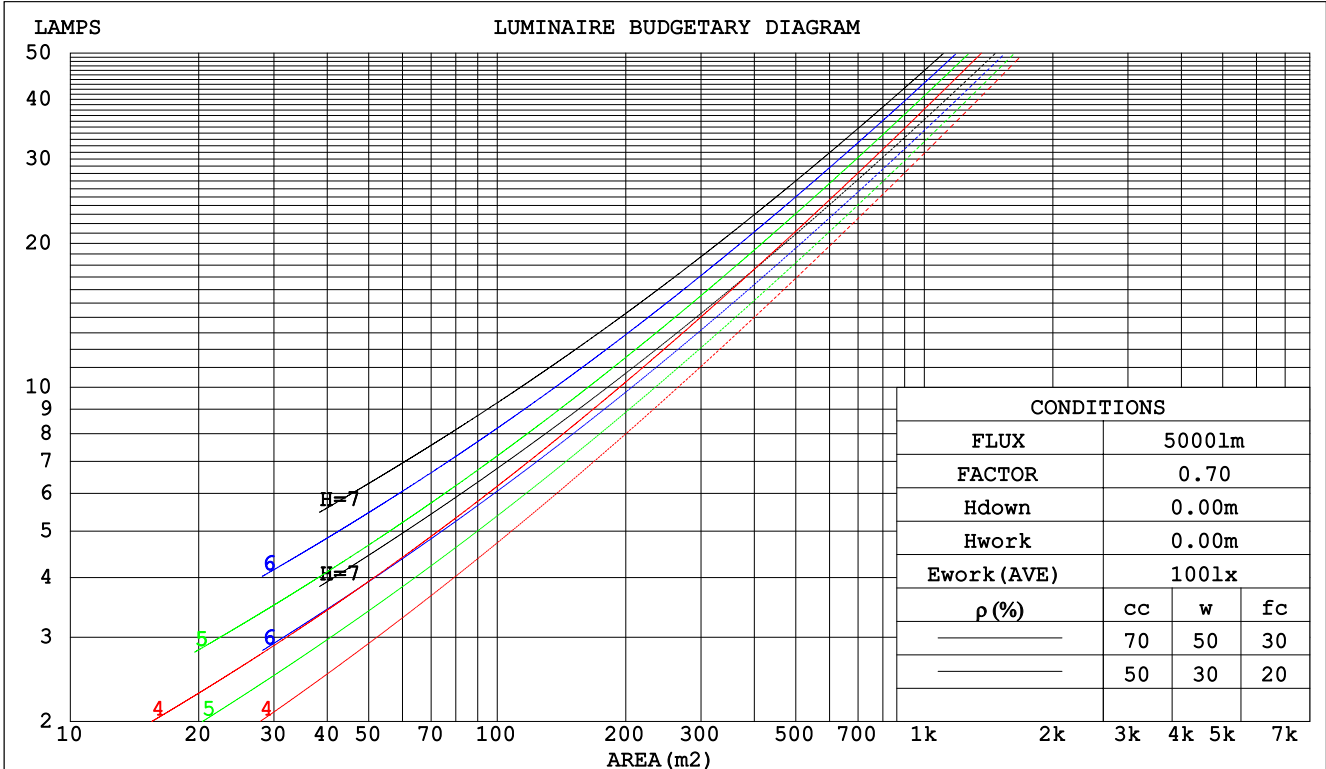
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ben
 Test Date:2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks: VL016A-40-WH

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.3160A P:37.60W PF:0.9915 Lamp Flux:4236.94x1 lm		
NAME: led light 4116	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Rising-Sun	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	1.14	1.14	1.14	1.09	1.09	1.09	1.00	1.00	1.00	.92	.92	.92	.84	.84	.84	.80
1.0	.96	.91	.86	.92	.87	.83	.84	.80	.77	.77	.74	.71	.70	.68	.65	.62
2.0	.82	.75	.68	.79	.72	.66	.72	.66	.61	.66	.61	.57	.60	.56	.53	.49
3.0	.71	.63	.55	.68	.60	.54	.62	.56	.50	.57	.51	.47	.52	.47	.44	.40
4.0	.63	.53	.46	.60	.51	.45	.55	.48	.42	.50	.44	.39	.46	.41	.37	.34
5.0	.55	.46	.39	.53	.44	.38	.49	.41	.36	.45	.38	.34	.41	.36	.31	.29
6.0	.50	.40	.34	.48	.39	.33	.44	.36	.31	.40	.34	.29	.37	.31	.27	.25
7.0	.45	.36	.29	.43	.35	.29	.40	.32	.27	.36	.30	.25	.33	.28	.24	.22
8.0	.41	.32	.26	.39	.31	.25	.36	.29	.24	.33	.27	.23	.31	.25	.21	.19
9.0	.37	.29	.23	.36	.28	.22	.33	.26	.21	.31	.24	.20	.28	.23	.19	.17
10.0	.34	.26	.21	.33	.25	.20	.30	.24	.19	.28	.22	.18	.26	.21	.17	.15



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ben
 Test Date:2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks: VL016A-40-WH

WEC AND CCEC

Test:U:120.0V I:0.3160A P:37.60W PF:0.9915 Lamp Flux:4236.94x1 lm														
NAME: led light 4116					TYPE:					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:				
MFR.: Rising-Sun					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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.368	.209	.066	.355	.202	.064	.330	.189	.060	.307	.177	.057	.286	.166	.053	
2.0	.324	.178	.054	.312	.172	.053	.290	.161	.050	.269	.151	.047	.250	.141	.045	
3.0	.290	.155	.046	.280	.150	.045	.259	.141	.043	.241	.132	.040	.223	.124	.038	
4.0	.263	.137	.040	.253	.132	.039	.235	.124	.037	.217	.117	.035	.201	.109	.033	
5.0	.240	.122	.035	.231	.118	.035	.214	.111	.033	.198	.105	.031	.184	.098	.030	
6.0	.220	.110	.032	.212	.107	.031	.197	.101	.029	.182	.095	.028	.169	.089	.026	
7.0	.203	.101	.028	.196	.098	.028	.182	.092	.026	.169	.086	.025	.156	.081	.024	
8.0	.189	.092	.026	.182	.090	.025	.169	.084	.024	.157	.080	.023	.146	.075	.022	
9.0	.176	.085	.024	.170	.083	.023	.158	.078	.022	.147	.074	.021	.136	.069	.020	
10.0	.165	.079	.022	.159	.077	.021	.148	.073	.020	.138	.068	.019	.128	.064	.018	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.342	.342	.342	.292	.292	.292	.199	.199	.199	.114	.114	.114	.037	.037	.037	
1.0	.337	.308	.282	.288	.264	.243	.197	.182	.168	.113	.105	.098	.036	.034	.032	
2.0	.330	.285	.247	.283	.245	.214	.194	.170	.149	.112	.099	.087	.036	.032	.029	
3.0	.323	.269	.226	.277	.232	.196	.190	.161	.137	.110	.094	.081	.035	.031	.026	
4.0	.315	.256	.211	.270	.221	.183	.186	.154	.129	.108	.090	.076	.035	.029	.025	
5.0	.308	.246	.201	.264	.213	.175	.182	.149	.124	.105	.087	.073	.034	.029	.024	
6.0	.300	.238	.194	.258	.207	.169	.178	.145	.120	.103	.085	.071	.033	.028	.023	
7.0	.293	.232	.189	.252	.201	.165	.174	.141	.117	.101	.083	.069	.033	.027	.023	
8.0	.287	.226	.185	.247	.196	.161	.171	.138	.114	.099	.081	.068	.032	.027	.023	
9.0	.281	.222	.182	.242	.192	.159	.168	.135	.113	.098	.080	.067	.032	.026	.022	
10.0	.275	.218	.179	.237	.189	.157	.164	.133	.111	.096	.079	.066	.031	.026	.022	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ben
 Test Date:2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks: VL016A-40-WH

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.3160A P:37.60W PF:0.9915 Lamp Flux:4236.94x1 lm										
NAME: led light 4116					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Rising-Sun					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	18.3	19.6	18.8	20.2	20.8	19.7	21.0	20.2	21.6	22.2
3H	19.8	21.0	20.4	21.6	22.2	22.0	23.3	22.6	23.8	24.5
4H	20.4	21.5	21.0	22.1	22.8	23.2	24.4	23.8	25.0	25.6
6H	20.7	21.8	21.3	22.4	23.1	24.5	25.6	25.1	26.2	26.9
8H	20.8	21.8	21.4	22.5	23.1	25.2	26.2	25.8	26.9	27.6
12H	20.8	21.8	21.4	22.4	23.1	26.0	27.0	26.6	27.6	28.3
4H 2H	19.3	20.5	19.9	21.0	21.7	20.3	21.5	20.9	22.1	22.7
3H	21.1	22.1	21.7	22.7	23.4	22.9	23.9	23.5	24.5	25.2
4H	21.8	22.8	22.5	23.4	24.1	24.2	25.2	24.9	25.8	26.6
6H	22.3	23.2	23.0	23.8	24.6	25.7	26.5	26.4	27.2	28.0
8H	22.5	23.3	23.2	23.9	24.7	26.5	27.3	27.2	28.0	28.8
12H	22.5	23.3	23.2	24.0	24.8	27.4	28.2	28.1	28.8	29.7
8H 4H	22.6	23.4	23.3	24.1	24.9	24.6	25.4	25.3	26.0	26.8
6H	23.5	24.1	24.2	24.8	25.6	26.3	27.0	27.0	27.7	28.5
8H	23.8	24.4	24.5	25.1	25.9	27.3	27.9	28.0	28.6	29.5
12H	24.0	24.5	24.7	25.2	26.1	28.5	29.0	29.2	29.8	30.6
12H 4H	22.8	23.5	23.5	24.2	25.0	24.6	25.3	25.3	26.0	26.8
6H	23.8	24.4	24.6	25.2	26.0	26.4	27.0	27.2	27.7	28.6
8H	24.3	24.8	25.1	25.6	26.4	27.5	28.0	28.3	28.8	29.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.5					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 4237 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.0)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ben
 Test Date:2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks: VL016A-40-WH

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.3160A P:37.60W PF:0.9915 Lamp Flux:4236.94x1 lm		
NAME: led light 4116	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Rising-Sun	SUR.:	Shielding Angle:

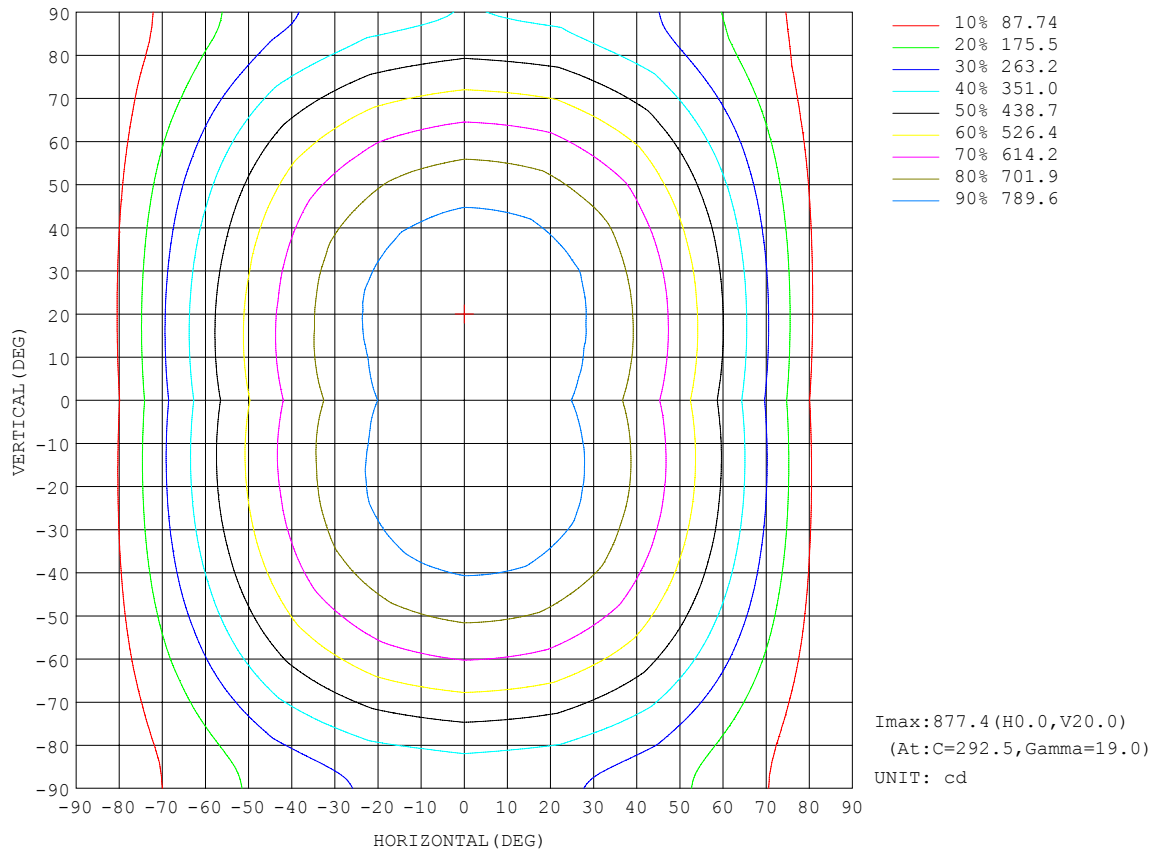
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	35	28	46	34	27	44	33	27	20
0.80	57	44	36	55	43	35	52	41	34	26
1.00	65	52	43	63	51	43	59	51	42	33
1.25	72	59	51	69	58	50	65	55	48	38
1.50	77	65	56	74	63	55	69	60	53	42
2.00	84	73	65	81	71	64	75	67	61	49
2.50	89	79	71	85	76	69	79	71	65	52
3.00	92	83	76	89	81	74	82	75	70	56
4.00	97	89	83	93	86	80	86	80	75	61
5.00	100	93	88	96	90	85	88	83	79	64
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:ben
 Test Date:2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks: VL016A-40-WH

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.3160A P:37.60W PF:0.9915 Lamp Flux:4236.94x1 lm		
NAME: led light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Rising-Sun	SUR.:	Shielding Angle:

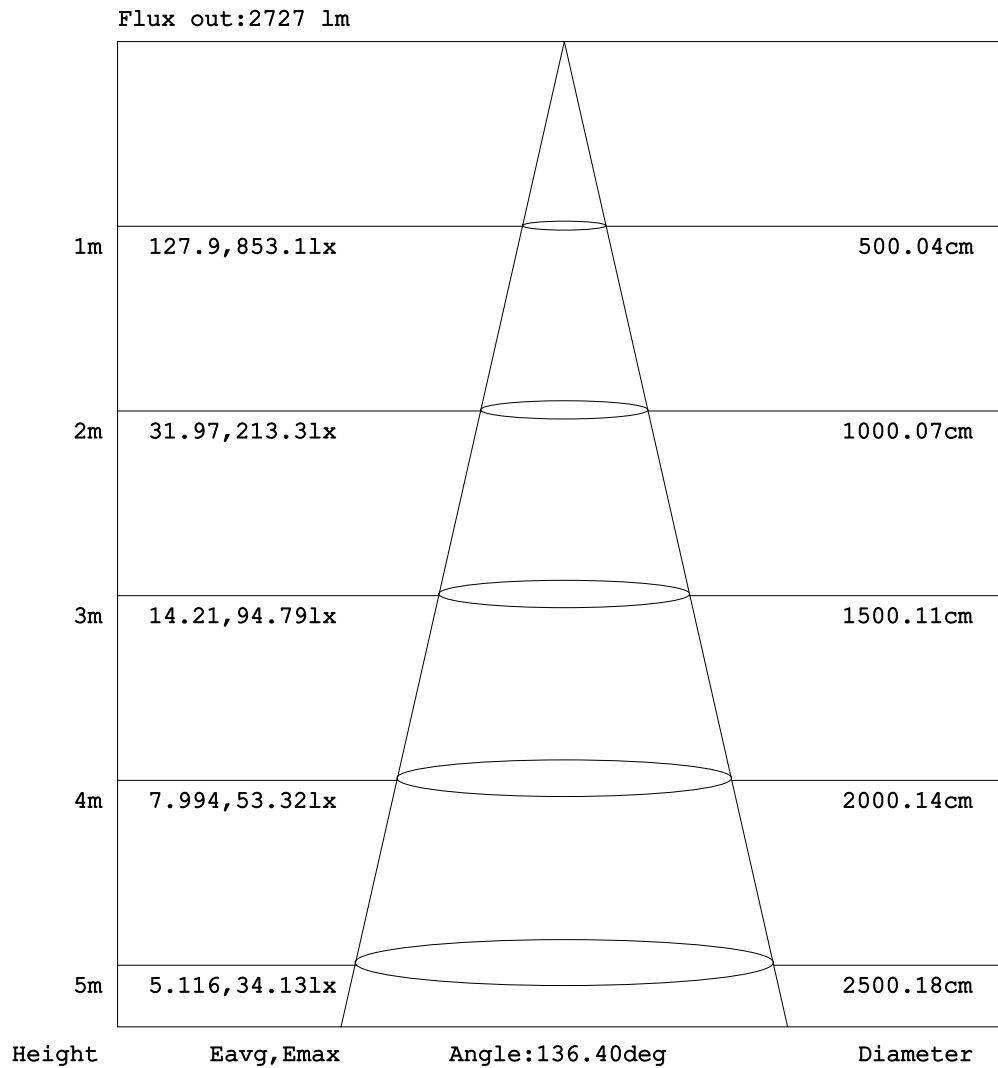


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ben
 Test Date: 2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.447m [K=1.0000]
 Remarks: VL016A-40-WH

AAI Figure

Test:U:120.0V I:0.3160A P:37.60W PF:0.9915 Lamp Flux:4236.94x1 lm		
NAME: led light 4116	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Rising-Sun	SUR.:	Shielding Angle:



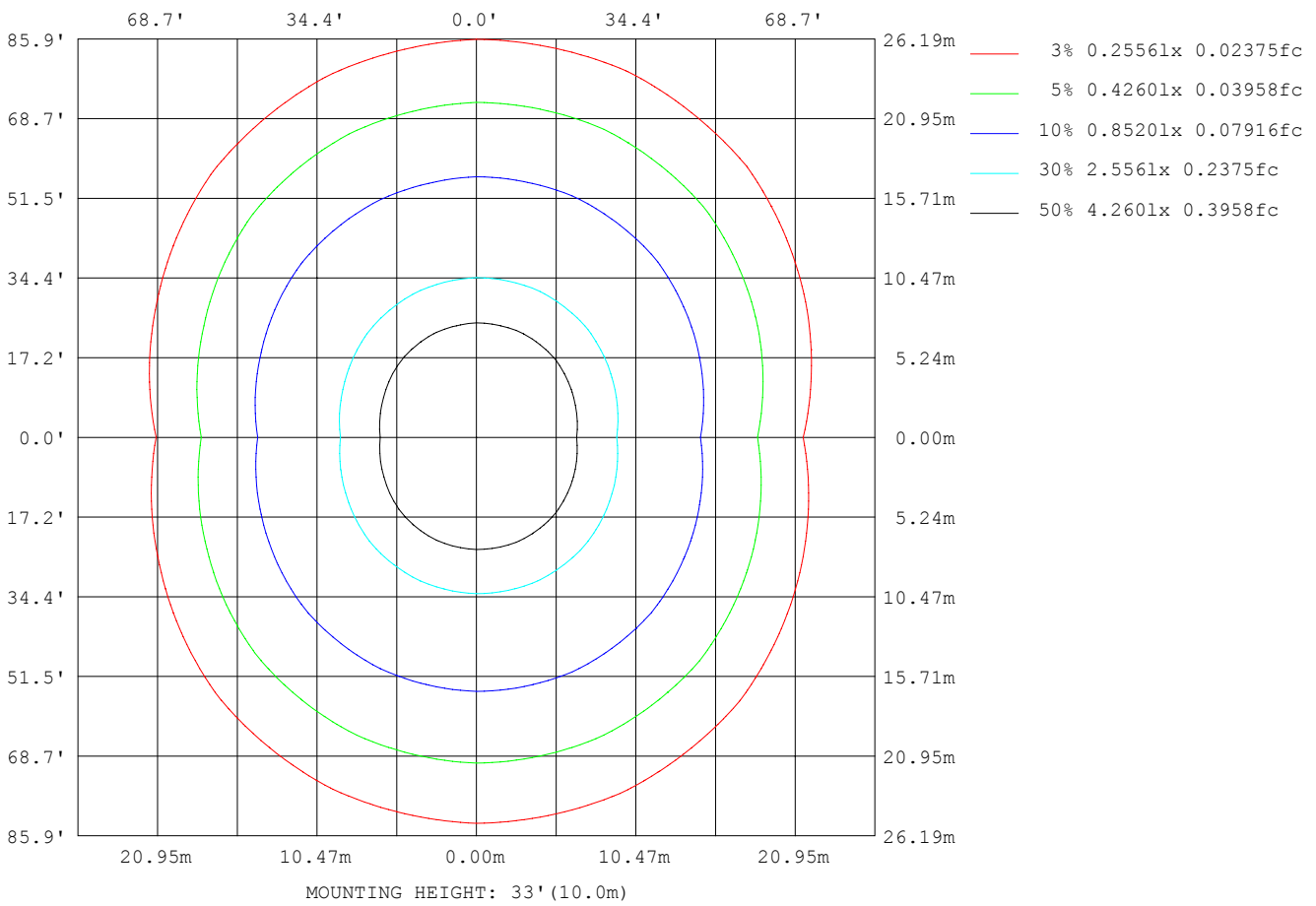
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ben
 Test Date:2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks: VL016A-40-WH

ISOLUX DIAGRAM

Test:U:120.0V I:0.3160A P:37.60W PF:0.9915 Lamp Flux:4236.94x1 lm		
NAME: led light 4116	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Rising-Sun	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ben
 Test Date:2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks: VL016A-40-WH

LED Avg.L Report

Test:U:120.0V I:0.3160A P:37.60W PF:0.9915 Lamp Flux:4236.94x1 lm		
NAME: led light 4116	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Rising-Sun	SUR.:	Shielding Angle:

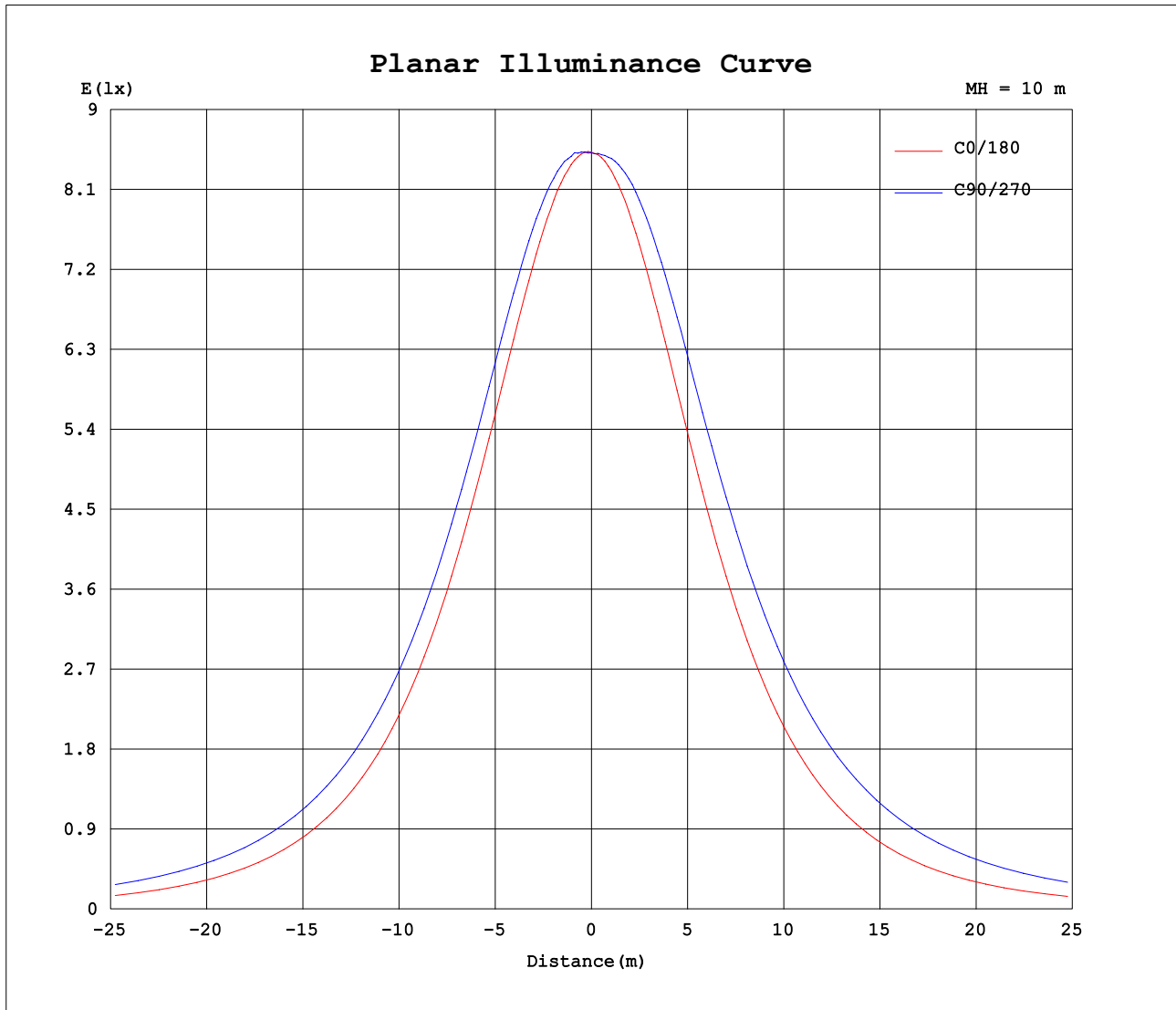
AvgL	cd/m2
L_0~180 (65) av	5880
L_0~180 (75) av	4866
L_0~180 (85) av	2074
L_90~270 (65) av	10481
L_90~270 (75) av	13542
L_90~270 (85) av	30459
L_45 (65) av	9215
L_45 (75) av	11121
L_45 (85) av	22325

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ben
 Test Date:2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks: VL016A-40-WH

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ben
 Test Date: 2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.447m [K=1.0000]
 Remarks: VL016A-40-WH

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.3160A P:37.60W PF:0.9915 Lamp Flux:4236.94x1 lm		
NAME: led light 4116	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Rising-Sun	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	851	851	851	851	851	851	851	851	851	851	851	851	851	851	851	851			
5	851	853	857	860	861	858	853	849	845	843	849	855	856	858	855	853			
10	846	851	862	869	869	864	854	840	833	836	849	861	867	867	860	852			
15	832	845	861	874	873	866	849	828	813	824	846	866	874	875	863	845			
20	813	832	858	872	872	862	838	810	789	805	839	864	877	876	861	833			
25	788	814	846	864	863	851	824	787	759	784	826	858	873	871	851	817			
30	755	790	827	847	847	832	802	757	722	757	807	843	860	860	836	793			
35	716	758	803	825	825	808	773	723	680	723	781	824	843	842	815	765			
40	670	719	770	794	794	776	739	683	633	684	751	796	818	817	786	729			
45	617	674	730	758	758	739	698	636	580	640	713	765	787	786	752	686			
50	557	622	685	715	717	696	652	584	522	590	672	726	751	749	713	636			
55	491	563	633	667	670	649	601	527	458	535	624	683	710	706	664	582			
60	418	498	575	612	617	595	544	464	390	475	571	632	661	657	610	518			
65	340	426	511	553	561	537	483	396	317	409	512	579	608	602	551	450			
70	257	349	441	489	498	475	418	323	240	339	449	520	551	542	485	376			
75	171	269	369	424	434	411	350	250	162	267	384	459	491	479	417	298			
80	88.9	192	299	358	373	349	284	179	86.1	197	320	398	430	417	349	221			
85	22.7	128	241	304	321	297	230	122	25.0	139	265	347	379	364	291	157			
90	0.27	101	213	278	297	274	207	98.8	0.20	110	239	321	354	339	265	128			
95	0.34	96.8	207	271	289	266	201	94.2	0.23	105	231	312	345	329	256	122			
100	0.39	91.9	199	262	280	257	193	89.4	0.27	100	222	301	333	317	246	115			
105	0.42	86.3	190	251	268	246	184	83.9	0.32	94.6	212	288	319	303	233	108			
110	0.45	80.2	179	238	255	234	174	77.7	0.39	88.4	201	273	302	287	220	100			
115	0.54	73.4	167	224	240	219	162	71.3	0.52	81.6	188	257	284	269	205	91.6			
120	0.70	66.4	154	208	224	205	150	64.5	0.70	74.2	174	240	265	250	188	82.5			
125	0.93	58.6	140	191	206	188	136	57.1	0.92	66.5	159	221	244	229	171	73.0			
130	1.21	50.6	125	173	187	170	122	49.5	1.17	58.1	143	200	222	208	153	63.5			
135	1.53	42.7	110	154	167	151	108	41.8	1.43	49.1	125	178	199	185	135	54.3			
140	1.88	34.9	94.2	134	146	132	92.6	33.9	1.68	38.8	106	155	174	162	117	46.6			
145	2.28	27.5	78.2	113	125	112	77.1	27.1	1.93	26.7	85.1	129	149	140	101	41.2			
150	2.60	20.7	62.1	92.2	102	91.8	61.5	20.0	2.10	15.2	62.2	102	121	116	85.7	37.4			
155	2.79	14.6	46.0	70.9	79.4	70.6	45.7	13.4	2.23	6.69	39.8	74.3	93.4	92.4	70.8	33.7			
160	2.96	9.81	31.1	49.4	56.3	49.4	29.9	8.28	2.28	3.32	18.5	47.9	65.5	68.0	54.2	28.6			
165	3.14	6.62	17.7	29.6	34.2	29.8	14.2	5.18	2.31	2.48	8.36	24.3	39.5	43.0	35.1	19.1			
170	2.98	4.55	8.32	13.4	15.8	12.0	6.62	3.82	2.35	2.35	4.41	9.35	17.8	20.7	17.2	9.61			
175	2.92	3.18	4.01	5.16	5.67	3.67	3.64	3.05	2.58	2.57	3.01	3.98	4.95	6.48	5.59	4.41			
180	2.77	2.73	2.59	2.30	1.74	2.27	1.84	2.50	2.77	2.77	2.75	2.70	2.50	1.98	2.42	2.65			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ben
 Test Date:2017-7-6

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks: VL016A-40-WH