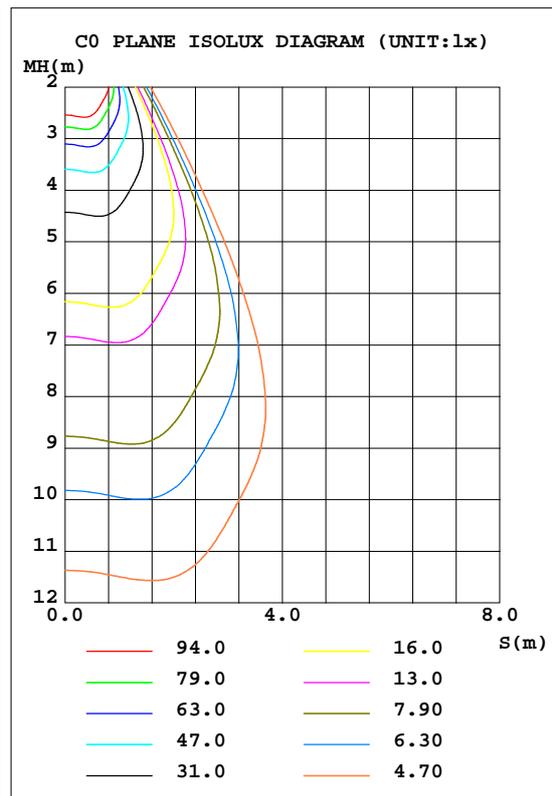
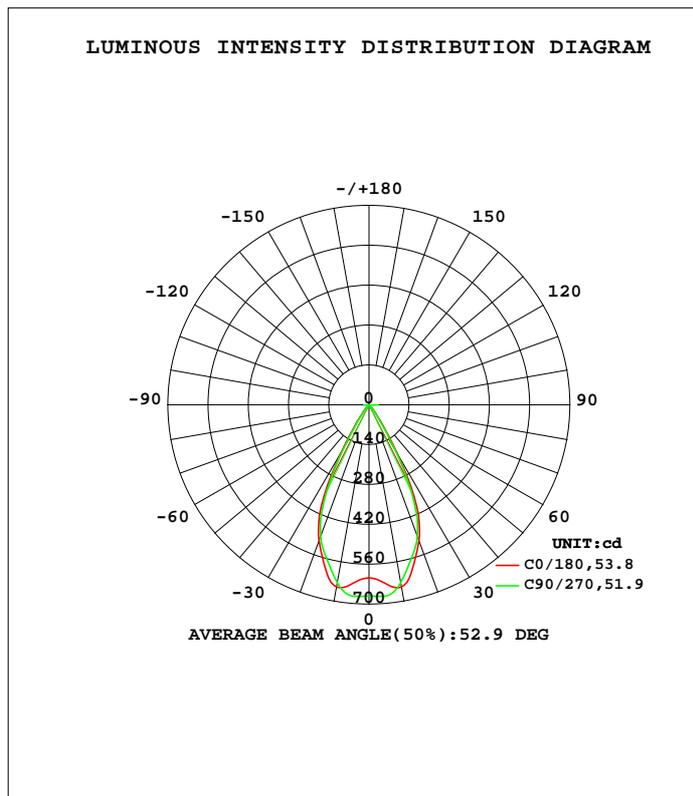


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:48.00V I:0.1230A P:5.900W PF:1.000 Freq:0Hz Lamp Flux:		
NAME: VUTH20G 6W 55°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:23*110mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax(cd)	674.6	S/MH(C0/180)	0.79
NOMINAL POWER(W)	5.9	LOR(%)	100.0	S/MH(C90/270)	0.76
RATED VOLTAGE(V)	48	TOTAL FLUX(lm)	423.58	h UP, DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	423.09	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0,50.0
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	48	h down(%)	100.0	CIBSE SHR MAX	0.80



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:



ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

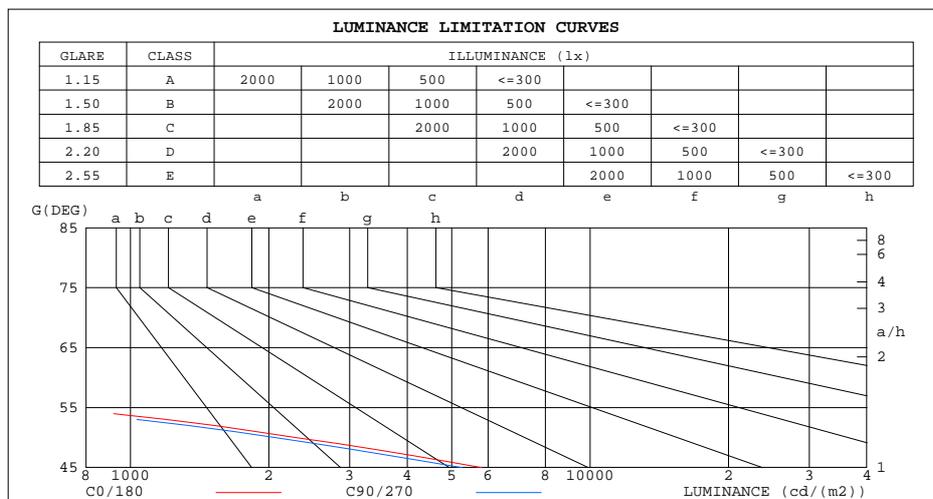
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	649.8	629.6	634.8	629.6	649.8	629.6	634.8	629.6	0- 10	61.80	61.80	13.7,13.7
20	508.6	488.2	493.8	488.2	508.6	488.2	493.8	488.2	10- 20	160.7	222.5	49.2,49.2
30	198.8	209.4	183.0	209.4	198.8	209.4	183.0	209.4	20- 30	163.2	385.8	85.2,85.2
40	27.24	34.30	23.90	34.30	27.24	34.30	23.90	34.30	30- 40	55.45	441.2	97.5,97.5
50	3.686	4.621	3.328	4.621	3.686	4.621	3.328	4.621	40- 50	9.966	451.2	99.7,99.7
60	0.1251	0.3514	0.1003	0.3514	0.1251	0.3514	0.1003	0.3514	50- 60	1.340	452.6	100,100
70	0.0201	0.0100	0.0134	0.0100	0.0201	0.0100	0.0134	0.0100	60- 70	0.0670	452.6	100,100
80	0.0067	0.0017	0	0.0017	0.0067	0.0017	0	0.0017	70- 80	0.0065	452.6	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.0003	452.6	100,100
100	0	0	0	0	0	0	0	0	90-100	0	452.6	100,100
110	0	0	0	0	0	0	0	0	100-110	0	452.6	100,100
120	0	0	0	0	0	0	0	0	110-120	0	452.6	100,100
130	0	0	0	0	0	0	0	0	120-130	0	452.6	100,100
140	0	0	0	0	0	0	0	0	130-140	0	452.6	100,100
150	0	0	0	0	0	0	0	0	140-150	0	452.6	100,100
160	0	0	0	0	0	0	0	0	150-160	0	452.6	100,100
170	0	0	0	0	0	0	0	0	160-170	0	452.6	100,100
180	0	0	0	0	0	0	0	0	170-180	0	452.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:48.00V I:0.1230A P:5.900W PF:1.000 Freq:0Hz Lamp Flux:		
NAME: VUTH20G 6W 55°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:23*110mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	0
80	15	0
75	15	0
70	23	16
65	44	32
60	100	80
55	705	614
50	2294	2071
45	5823	5274

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:

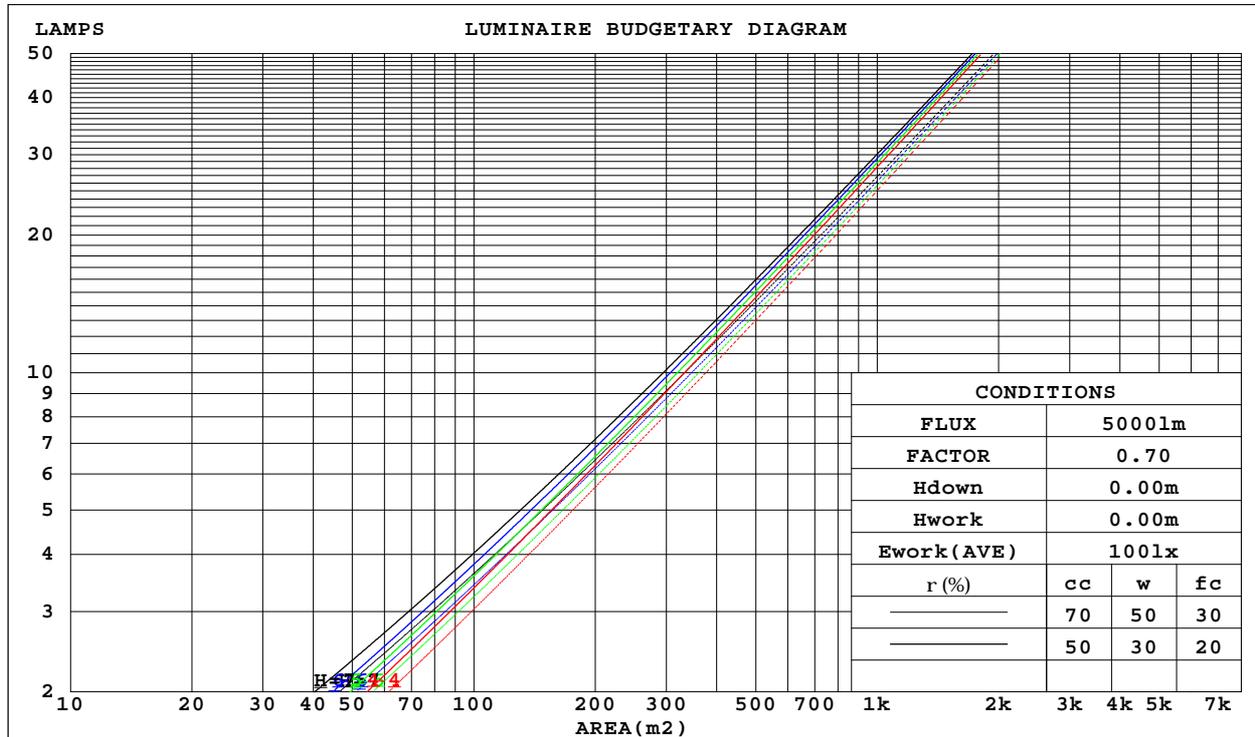
G Range: 0 - 180DEG
 G Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:



CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:48.00V I:0.1230A P:5.900W PF:1.000 Freq:0Hz Lamp Flux:		
NAME: VUTH20G 6W 55°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:23*110mm	Shielding Angle:

r _{cc}	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{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	.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	.00	.97	.00	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.94	.91	.97	.93	.90	.95	.91	.88	.92	.89	.87	.90	.88	.86	.84
4.0	.93	.88	.84	.92	.87	.84	.90	.86	.83	.88	.85	.82	.86	.83	.81	.80
5.0	.88	.83	.79	.87	.82	.78	.85	.81	.78	.84	.80	.77	.82	.79	.76	.75
6.0	.83	.78	.74	.83	.77	.74	.81	.77	.73	.80	.76	.73	.78	.75	.72	.71
7.0	.79	.74	.70	.78	.73	.70	.77	.73	.69	.76	.72	.69	.75	.71	.69	.67
8.0	.75	.70	.66	.75	.69	.66	.74	.69	.66	.73	.68	.65	.72	.68	.65	.64
9.0	.71	.66	.63	.71	.66	.62	.70	.66	.62	.69	.65	.62	.68	.65	.62	.61
10.0	.68	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.66	.62	.59	.58



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:



WEC AND CCEC

Test:U:48.00V I:0.1230A P:5.900W PF:1.000 Freq:0Hz Lamp Flux:		
NAME: VUTH20G 6W 55°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:23*110mm	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	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	.083	.026	.132	.076	.025	.122	.071	.023	
2.0	.155	.085	.026	.149	.082	.025	.139	.077	.024	.129	.072	.023	.120	.068	.021	
3.0	.147	.078	.023	.142	.076	.023	.133	.072	.022	.125	.069	.021	.118	.065	.020	
4.0	.140	.073	.021	.136	.071	.021	.128	.068	.020	.121	.065	.020	.114	.062	.019	
5.0	.133	.068	.020	.130	.067	.019	.123	.064	.019	.117	.062	.018	.111	.059	.018	
6.0	.127	.064	.018	.124	.063	.018	.118	.061	.018	.113	.059	.017	.108	.057	.017	
7.0	.122	.060	.017	.119	.059	.017	.114	.058	.017	.109	.056	.016	.105	.054	.016	
8.0	.117	.057	.016	.115	.056	.016	.110	.055	.016	.106	.054	.015	.102	.052	.015	
9.0	.112	.054	.015	.110	.054	.015	.106	.052	.015	.102	.051	.015	.099	.050	.014	
10.0	.108	.052	.014	.106	.051	.014	.102	.050	.014	.099	.049	.014	.096	.048	.014	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	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	.141	.113	.092	.121	.098	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.075	.111	.085	.065	.077	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.121	.087	.062	.104	.075	.054	.071	.052	.038	.041	.031	.022	.013	.010	.007	
6.0	.113	.077	.052	.097	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.106	.070	.044	.091	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.101	.063	.037	.087	.055	.033	.060	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.096	.058	.032	.082	.050	.028	.057	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.091	.053	.028	.078	.046	.025	.054	.033	.018	.032	.019	.011	.010	.006	.003	

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:



UGR(Unified Glare Rating) Table

Test:U:48.00V I:0.1230A P:5.900W PF:1.000 Freq:0Hz Lamp Flux:										
NAME: VUTH20G 6W 55°					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:23*110mm			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	17.1	18.0	17.3	18.1	18.3	16.7	17.5	16.9	17.7	17.9
3H	16.9	17.7	17.2	17.9	18.1	16.5	17.3	16.8	17.5	17.7
4H	16.9	17.6	17.1	17.8	18.0	16.4	17.2	16.7	17.4	17.6
6H	16.8	17.5	17.1	17.7	17.9	16.4	17.0	16.6	17.3	17.5
8H	16.7	17.4	17.0	17.6	17.9	16.3	17.0	16.6	17.2	17.5
12H	16.7	17.3	17.0	17.6	17.9	16.3	16.9	16.6	17.2	17.4
4H 2H	16.9	17.6	17.1	17.8	18.0	16.4	17.2	16.7	17.4	17.6
3H	16.7	17.3	17.0	17.6	17.9	16.3	16.9	16.6	17.2	17.4
4H	16.6	17.2	16.9	17.5	17.8	16.2	16.8	16.5	17.0	17.4
6H	16.5	17.0	16.9	17.3	17.7	16.1	16.6	16.4	16.9	17.3
8H	16.4	16.9	16.8	17.3	17.6	16.0	16.5	16.4	16.8	17.2
12H	16.4	16.8	16.8	17.2	17.6	16.0	16.4	16.4	16.8	17.2
8H 4H	16.4	16.9	16.8	17.3	17.6	16.0	16.5	16.4	16.8	17.2
6H	16.3	16.7	16.8	17.1	17.5	15.9	16.3	16.3	16.7	17.1
	16.3	16.6	16.7	17.0	17.5	15.9	16.2	16.3	16.6	17.1
	16.2	16.5	16.7	16.9	17.4	15.8	16.1	16.3	16.5	17.0
	16.4	16.8	16.8	17.2	17.6	16.0	16.4	16.4	16.8	17.2
	16.3	16.6	16.7	17.0	17.5	15.9	16.2	16.3	16.6	17.1
	16.2	16.5	16.7	16.9	17.4	15.8	16.1	16.3	16.5	17.0
Variations with the observer position at spacings:										
S = 1.0H	+ 3.3 / -20.3					+ 3.0 / -20.9				
1.2H	+ 5.7 / -13.6					+ 5.4 / -13.3				
1.5H	+ 6.8 / -21.9					+ 6.6 / -22.3				
2.0H										
12H 4H										

CIE Pub. 517, 452.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.8)

8H

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:48.00V I:0.1230A P:5.900W PF:1.000 Freq:0Hz Lamp Flux:		
NAME: VUTH20G 6W 55°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:23*110mm	Shielding Angle:

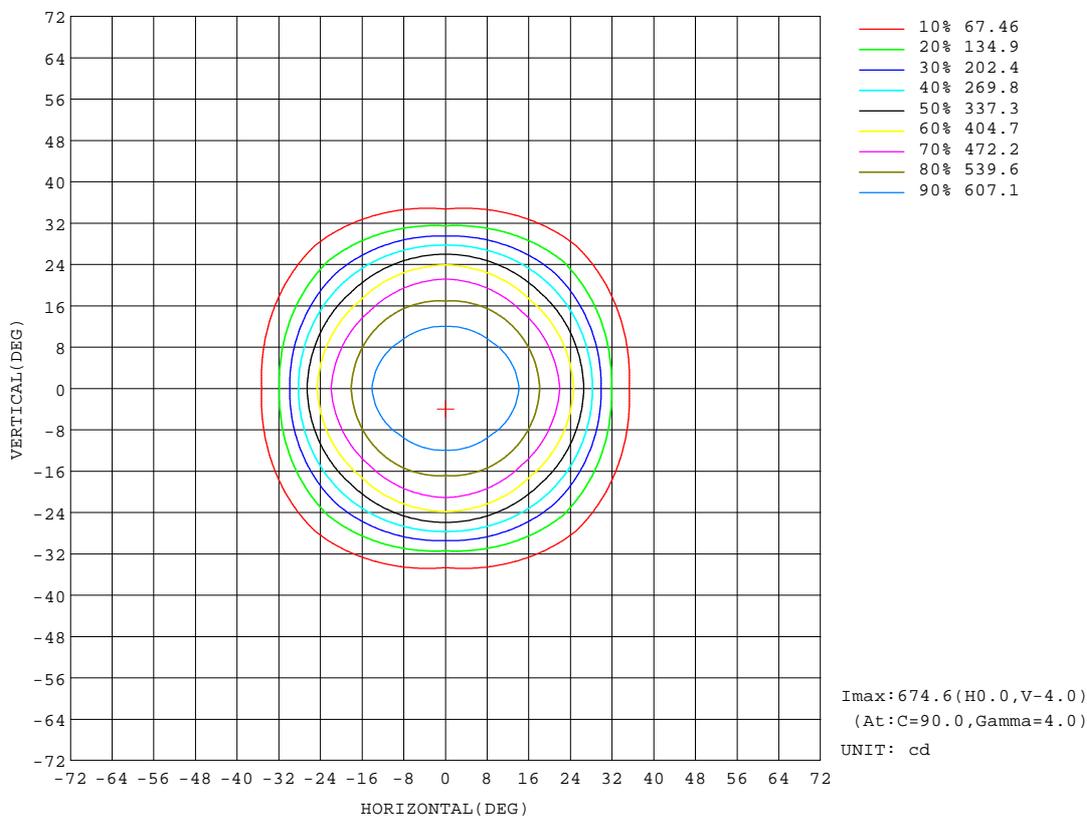
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	90	84	81	89	84	80	89	84	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	93	100	96	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:48.00V I:0.1230A P:5.900W PF:1.000 Freq:0Hz Lamp Flux:		
NAME: VUTH20G 6W 55°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:23*110mm	Shielding Angle:



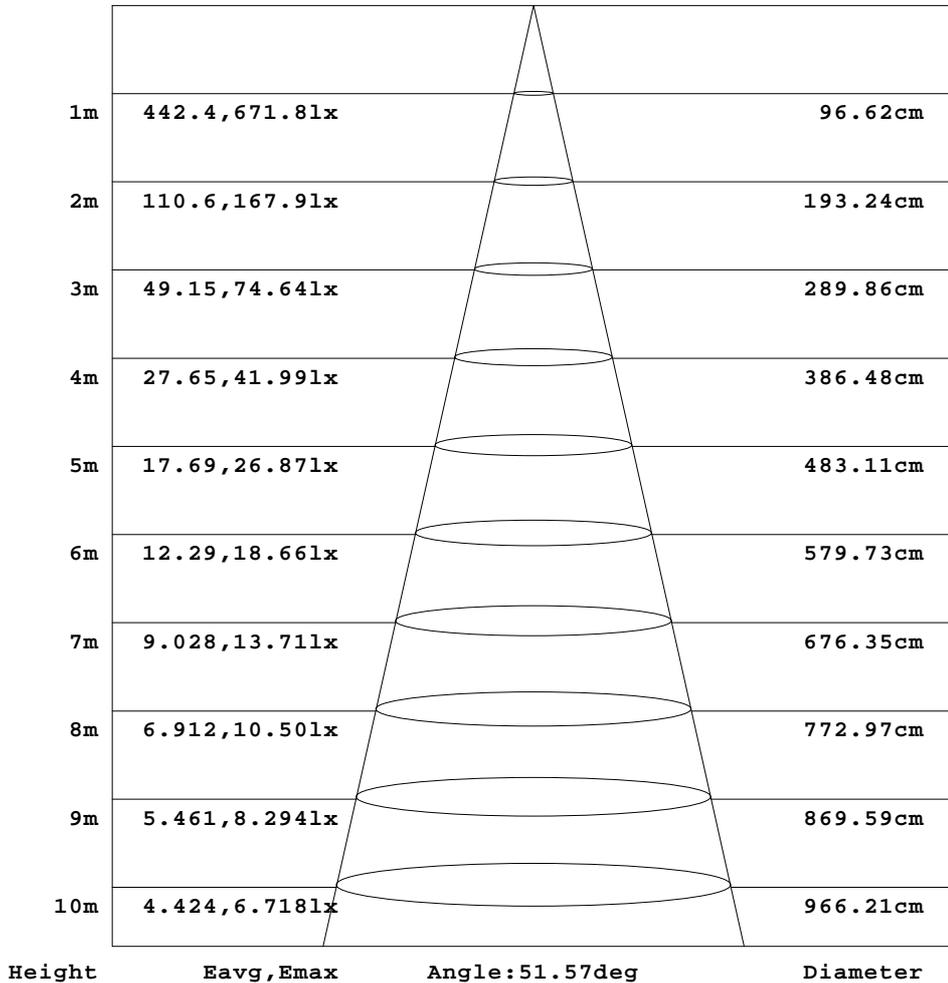
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date:

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.950m [K=1.0000]
 Remarks:

AAI Figure

Test:U:48.00V I:0.1230A P:5.900W PF:1.000 Freq:0Hz Lamp Flux:		
NAME: VUTH20G 6W 55°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:23*110mm	Shielding Angle:

Flux out:330.6 lm



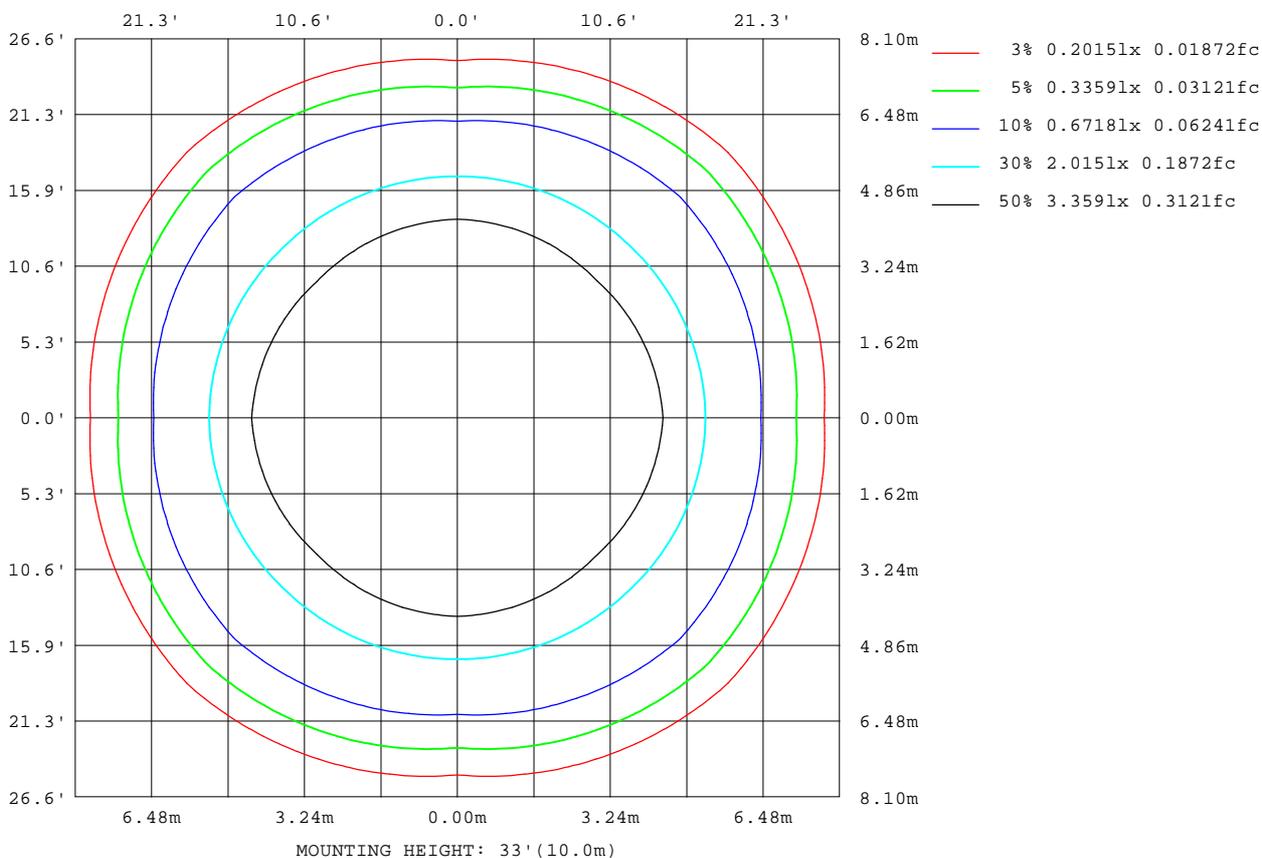
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:48.00V I:0.1230A P:5.900W PF:1.000 Freq:0Hz Lamp Flux:		
NAME: VUTH20G 6W 55°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:23*110mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:

Page Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:



LED Avg.L Report

Test:U:48.00V I:0.1230A P:5.900W PF:1.000 Freq:0Hz Lamp Flux:		
NAME: VUTH20G 6W 55°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:23*110mm	Shielding Angle:

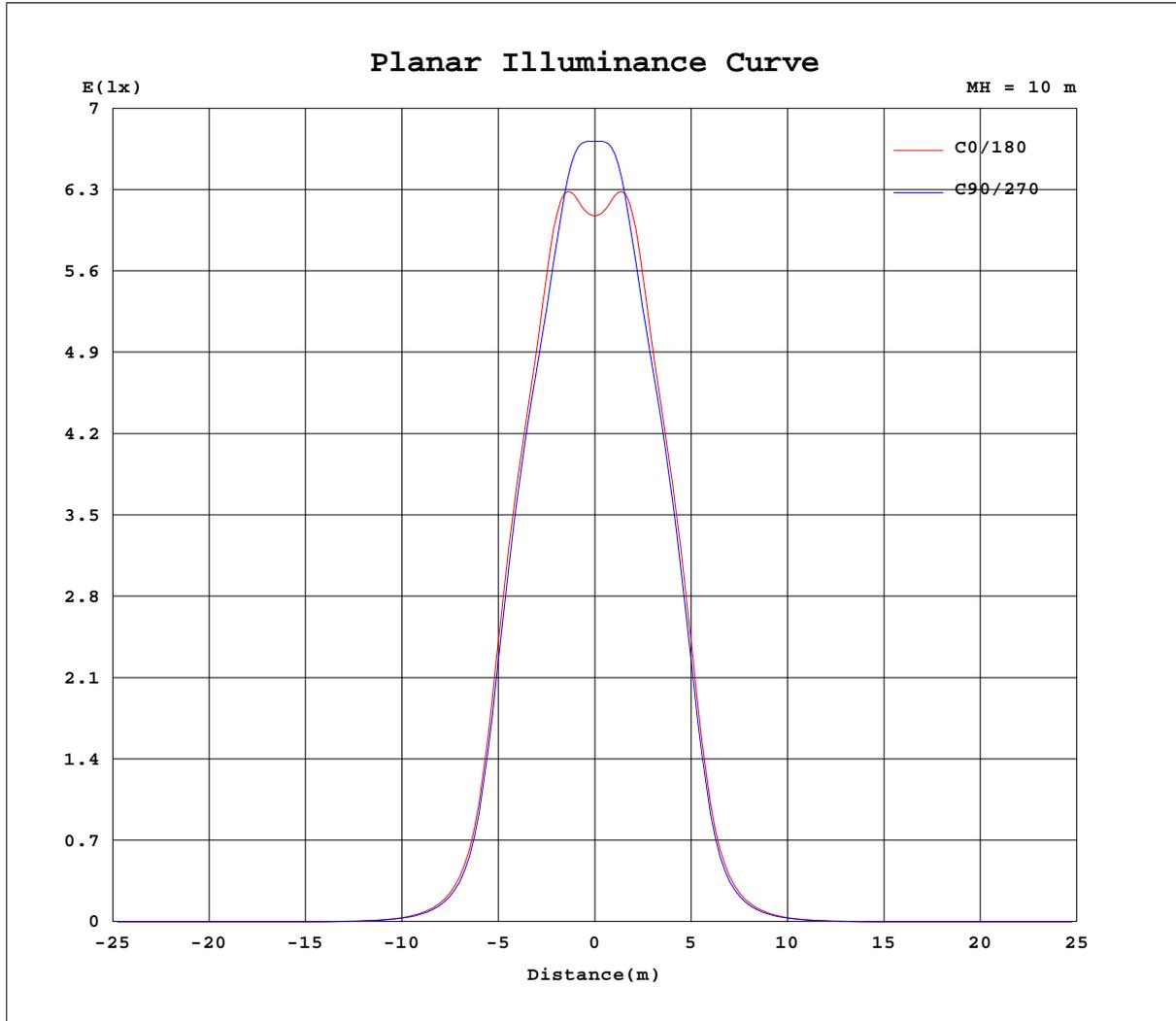
AvgL	cd/m2
L_0~180(65)av	44
L_0~180(75)av	15
L_0~180(85)av	0
L_90~270(65)av	32
L_90~270(75)av	0
L_90~270(85)av	0
L_45(65)av	42
L_45(75)av	5
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date:

Page Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.950m [K=1.0000]
 Remarks:



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.00V I:0.1230A P:5.900W PF:1.000 Freq:0Hz Lamp Flux:		
NAME: VUTH20G 6W 55°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:23*110mm	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	45	90	135	180	225	270	315											
0	607	657	672	657	607	657	672	657											
5	628	653	674	653	628	653	674	653											
10	650	630	635	630	650	630	635	630											
15	592	579	565	579	592	579	565	579											
20	509	488	494	488	509	488	494	488											
25	393	359	370	359	393	359	370	359											
30	199	209	183	209	199	209	183	209											
35	71.1	92.7	63.3	92.7	71.1	92.7	63.3	92.7											
40	27.2	34.3	23.9	34.3	27.2	34.3	23.9	34.3											
45	10.3	12.9	9.32	12.9	10.3	12.9	9.32	12.9											
50	3.69	4.62	3.33	4.62	3.69	4.62	3.33	4.62											
55	1.01	1.49	0.88	1.49	1.01	1.49	0.88	1.49											
60	0.13	0.35	0.10	0.35	0.13	0.35	0.10	0.35											
65	0.05	0.04	0.03	0.04	0.05	0.04	0.03	0.04											
70	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.01											
75	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00											
80	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00											
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00											
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00											
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00											
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00											
105	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											
115	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											
125	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											
135	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											
145	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											
155	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											
165	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											
175	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											

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks: