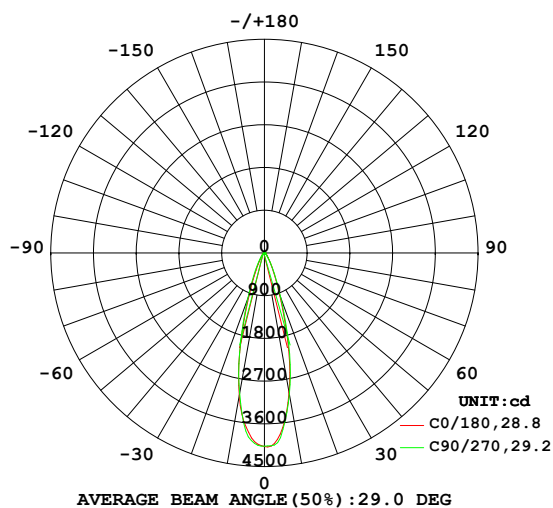


LUMINAIRE PHOTOMETRIC TEST REPORT

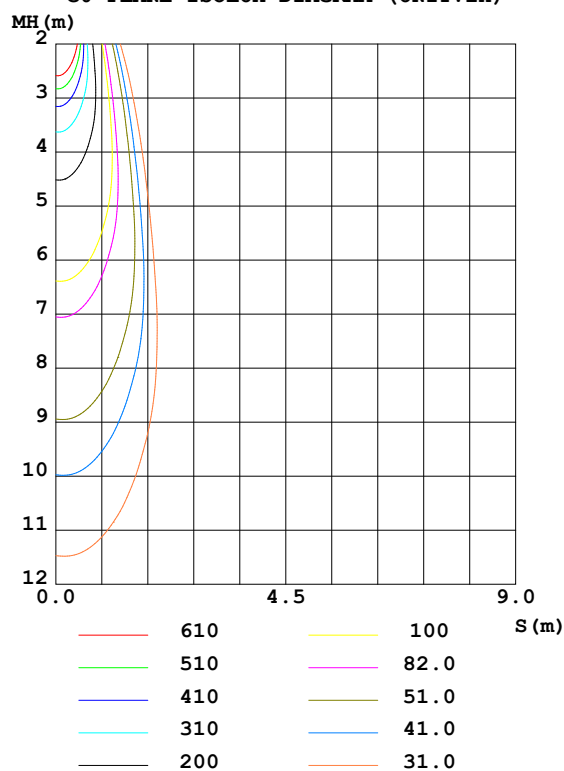
Test:U:221.2V I:0.0882A P:17.70W PF:0.9074 Freq:59.98Hz Lamp Flux:1316.15x1 lm					
NAME: W018LED		TYPE:		WEIGHT:	
SPEC.: P-W018LED-2X8W2725-CI20034R90-PSL600		DIM.:		SERIAL No.:	
MFR.: CETTIGA		SUR.: 0.0003		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 74.36 lm/W
MODEL	CLU028-1201	I _{max} (cd)	4087	S/MH (C0/180)	0.47	
NOMINAL POWER (W)	2X8W	LOR (%)	100.0	S/MH (C90/270)	0.48	
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	1316.1	η UP, DN (C0-180)	0.2, 49.8	
NOMINAL FLUX (lm)	1316.15	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 49.9	
LAMPS INSIDE	1	η up (%)	0.3	CIBSE SHR NOM	0.50	
TEST VOLTAGE (V)	220.2	η down (%)	99.7	CIBSE SHR MAX	0.50	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Xie Bi
 Test Date: 2020-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 6.900m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

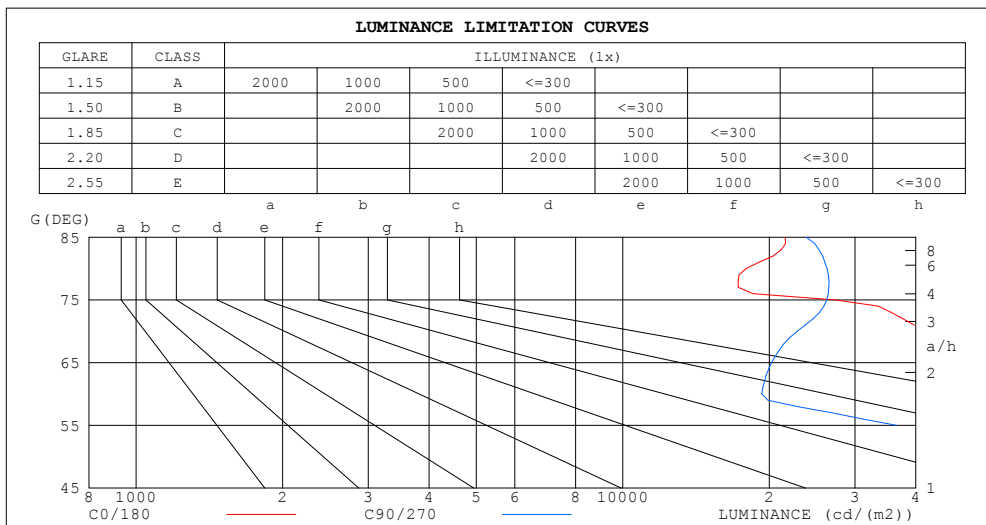
γ	C0	C90	C180	C270					γ	Φ zone	Φ total	%lum, lamp
10	2987	3026	3054	3007					0- 10	340.2	340.2	25.9,25.9
20	939.3	1011	940.4	1029					10- 20	520.3	860.5	65.4,65.4
30	267.9	275.6	243.2	301.7					20- 30	242.1	1103	83.8,83.8
40	107.4	92.57	97.70	103.9					30- 40	101.9	1205	91.5,91.5
50	60.51	39.97	55.77	39.95					40- 50	55.14	1260	95.7,95.7
60	27.55	9.656	26.51	10.07					50- 60	28.64	1288	97.9,97.9
70	14.24	7.804	12.88	8.159					60- 70	14.15	1302	99,99
80	3.112	4.566	2.999	4.930					70- 80	7.393	1310	99.5,99.5
90	0.0254	0.0117	0.0233	0.0311					80- 90	2.150	1312	99.7,99.7
100	0.0174	0.0232	0.0464	0.0290					90-100	0.0285	1312	99.7,99.7
110	0.0174	0.0522	0.0812	0.0290					100-110	0.0373	1312	99.7,99.7
120	0.1045	0.1161	0.1336	0.0406					110-120	0.0674	1312	99.7,99.7
130	0.2146	0.2844	0.2380	0.1391					120-130	0.1348	1312	99.7,99.7
140	0.6786	0.8130	0.4588	0.3888					130-140	0.2817	1313	99.7,99.7
150	2.186	2.287	1.254	1.212					140-150	0.6569	1313	99.8,99.8
160	4.398	4.487	2.968	2.931					150-160	1.222	1314	99.9,99.9
170	5.391	5.449	4.434	4.311					160-170	1.233	1316	100,100
180	5.217	5.287	5.205	5.234					170-180	0.4796	1316	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Xie Bi
 Test Date:2020-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:6.900m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:221.2V I:0.0882A P:17.70W PF:0.9074 Freq:59.98Hz Lamp Flux:1316.15x1 lm		
NAME: W018LED	TYPE:	WEIGHT:
SPEC.:P-W018LED-2X8W2725-CI20034R90-PSL600	DIM.:	SERIAL No.:
MFR.: CETTIGA	SUR.:0.0003	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	21548	23829
80	17922	26292
75	27340	26249
70	41646	22819
65	48461	20227
60	55093	19312
55	75803	36533
50	94136	62178
45	112776	90171

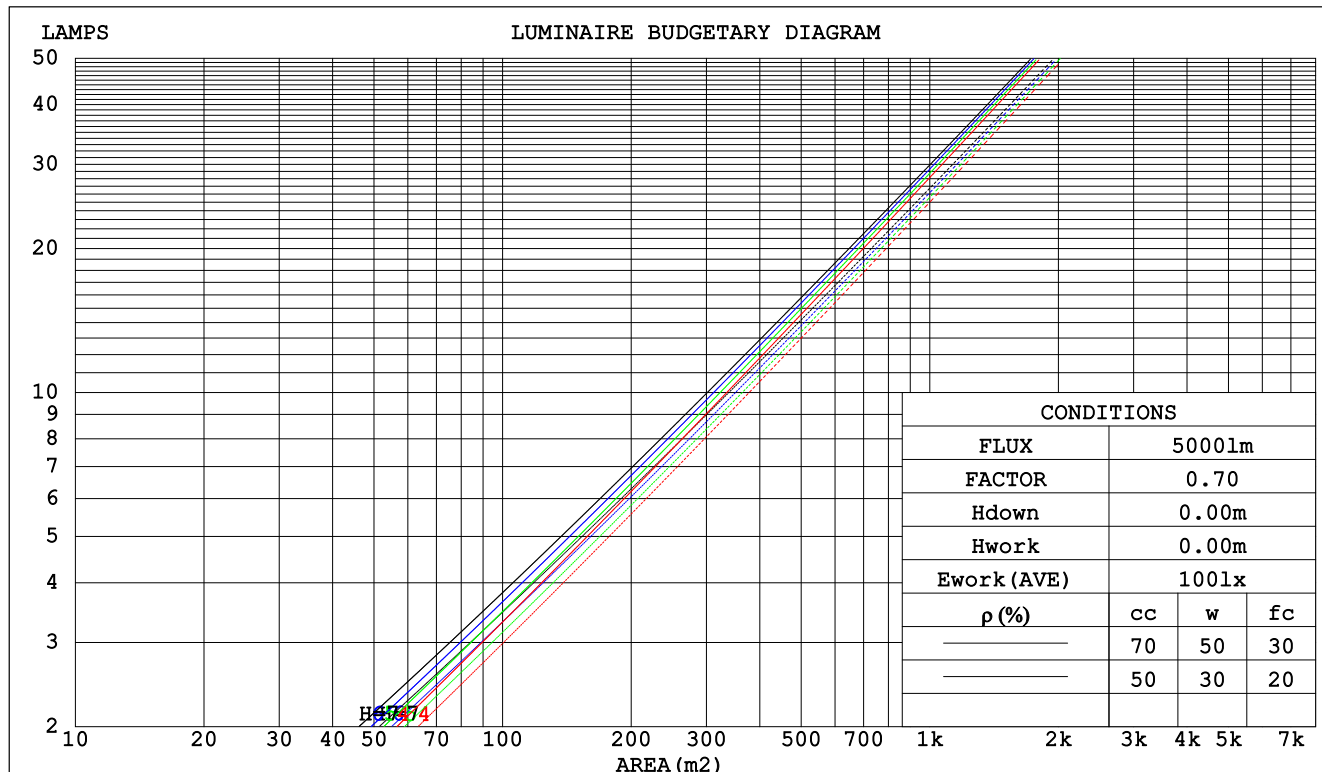
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Xie Bi
Test Date:2020-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.900m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.2V I:0.0882A P:17.70W PF:0.9074 Freq:59.98Hz Lamp Flux:1316.15x1 lm		
NAME: W018LED	TYPE:	WEIGHT:
SPEC.:P-W018LED-2X8W2725-CI20034R90-PSL600	DIM.:	SERIAL No.:
MFR.: CETTIGA	SUR.:0.0003	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.00	.97	1.00	.97	.95	.97	.95	.93	.94	.93	.91	.90
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.93	.90	.88	.91	.88	.87	.85
4.0	.94	.90	.86	.93	.89	.85	.91	.87	.84	.89	.86	.83	.87	.85	.82	.81
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.86	.82	.79	.84	.81	.79	.77
6.0	.86	.81	.77	.85	.80	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.74
7.0	.82	.77	.74	.82	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.72	.71
8.0	.79	.74	.71	.78	.74	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.68
9.0	.76	.71	.68	.76	.71	.68	.75	.70	.68	.74	.70	.67	.73	.70	.67	.66
10.0	.73	.69	.65	.73	.68	.65	.72	.68	.65	.71	.68	.65	.71	.67	.65	.64



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Xie Bi
 Test Date:2020-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:6.900m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:221.2V I:0.0882A P:17.70W PF:0.9074 Freq:59.98Hz Lamp Flux:1316.15x1 lm					
NAME: W018LED			TYPE:		WEIGHT:
SPEC.:P-W018LED-2X8W2725-CI20034R90-PSL600			DIM.:		SERIAL No.:
MFR.: CETTIGA			SUR.:0.0003		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	.161	.092	.029	.154	.088	.028	.142	.081	.026	.130	.075	.024	.119	.069	.022		
2.0	.151	.083	.025	.146	.080	.025	.135	.075	.023	.125	.070	.022	.116	.066	.021		
3.0	.142	.075	.023	.137	.073	.022	.128	.069	.021	.120	.066	.020	.112	.062	.019		
4.0	.133	.069	.020	.129	.068	.020	.122	.064	.019	.114	.061	.019	.108	.059	.018		
5.0	.126	.064	.019	.122	.063	.018	.116	.060	.018	.109	.058	.017	.104	.055	.017		
6.0	.119	.060	.017	.116	.058	.017	.110	.056	.016	.105	.054	.016	.100	.052	.016		
7.0	.113	.056	.016	.110	.055	.016	.105	.053	.015	.100	.051	.015	.096	.050	.015		
8.0	.107	.052	.015	.105	.052	.015	.101	.050	.014	.096	.049	.014	.092	.047	.014		
9.0	.102	.050	.014	.100	.049	.014	.096	.048	.013	.093	.046	.013	.089	.045	.013		
10.0	.098	.047	.013	.096	.046	.013	.092	.045	.013	.089	.044	.013	.086	.043	.012		

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	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.172	.160	.149	.148	.137	.128	.101	.094	.088	.058	.055	.051	.019	.018	.017	
2.0	.156	.135	.117	.134	.116	.102	.092	.080	.071	.053	.047	.042	.017	.015	.014	
3.0	.142	.116	.095	.122	.100	.082	.084	.069	.058	.048	.041	.034	.016	.013	.011	
4.0	.131	.101	.078	.112	.087	.068	.077	.061	.048	.045	.036	.028	.014	.012	.009	
5.0	.121	.089	.065	.104	.077	.057	.072	.054	.040	.041	.032	.024	.013	.010	.008	
6.0	.113	.079	.055	.097	.069	.048	.067	.048	.034	.039	.028	.020	.013	.009	.007	
7.0	.105	.071	.047	.091	.062	.041	.063	.043	.029	.036	.026	.017	.012	.008	.006	
8.0	.099	.065	.041	.085	.056	.036	.059	.039	.025	.034	.023	.015	.011	.008	.005	
9.0	.094	.059	.036	.081	.051	.032	.056	.036	.022	.033	.021	.013	.011	.007	.004	
10.0	.089	.055	.032	.076	.047	.028	.053	.033	.020	.031	.020	.012	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Xie Bi
Test Date:2020-02-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.900m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.2V I:0.0882A P:17.70W PF:0.9074 Freq:59.98Hz Lamp Flux:1316.15x1 lm											
NAME: W018LED					TYPE:			WEIGHT:			
SPEC.:P-W018LED-2X8W2725-CI20034R90-PSL600					DIM.:			SERIAL No.:			
MFR.: CETTIGA					SUR.:0.0003			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		21.4	22.2	21.6	22.3	22.5	20.0	20.8	20.3	21.0	21.2
	3H	21.9	22.7	22.2	22.9	23.1	20.3	21.0	20.5	21.2	21.4
	4H	22.1	22.8	22.4	23.0	23.2	20.4	21.1	20.7	21.4	21.6
	6H	22.1	22.7	22.4	23.0	23.2	20.6	21.3	20.9	21.5	21.8
	8H	22.1	22.7	22.4	23.0	23.2	20.7	21.3	21.0	21.6	21.8
	12H	22.1	22.7	22.4	23.0	23.2	20.7	21.3	21.0	21.6	21.9
4H	2H	21.4	22.1	21.7	22.3	22.5	20.2	20.9	20.5	21.1	21.3
	3H	22.1	22.7	22.4	23.0	23.3	20.6	21.2	20.9	21.5	21.7
	4H	22.3	22.9	22.6	23.2	23.5	20.9	21.4	21.2	21.7	22.0
	6H	22.3	22.8	22.7	23.2	23.5	21.1	21.6	21.5	21.9	22.3
	8H	22.4	22.8	22.7	23.2	23.5	21.2	21.7	21.6	22.0	22.4
	12H	22.4	22.8	22.8	23.2	23.6	21.3	21.7	21.7	22.1	22.5
8H	4H	22.3	22.7	22.7	23.1	23.5	20.9	21.4	21.3	21.7	22.1
	6H	22.4	22.7	22.8	23.1	23.6	21.3	21.6	21.7	22.0	22.5
	8H	22.4	22.8	22.9	23.2	23.6	21.4	21.8	21.9	22.2	22.6
	12H	22.5	22.8	23.0	23.2	23.7	21.6	21.8	22.0	22.3	22.8
12H	4H	22.2	22.7	22.7	23.0	23.4	20.9	21.3	21.3	21.7	22.1
	6H	22.3	22.7	22.8	23.1	23.5	21.3	21.6	21.7	22.0	22.5
	8H	22.4	22.7	22.9	23.2	23.6	21.4	21.7	21.9	22.2	22.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.8 / - 0.9					+ 1.1 / - 1.6					
1.5H	+ 1.1 / - 0.9					+ 1.4 / - 1.1					
2.0H	+ 2.0 / - 2.0					+ 2.2 / - 2.2					

CIE Pub.117, 1316 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.0)

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Xie Bi
Test Date:2020-02-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.900m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.2V I:0.0882A P:17.70W PF:0.9074 Freq:59.98Hz Lamp Flux:1316.15x1 lm		
NAME: W018LED	TYPE:	WEIGHT:
SPEC.:P-W018LED-2X8W2725-CI20034R90-PSL600	DIM.:	SERIAL No.:
MFR.: CETTIGA	SUR.:0.0003	Shielding Angle:

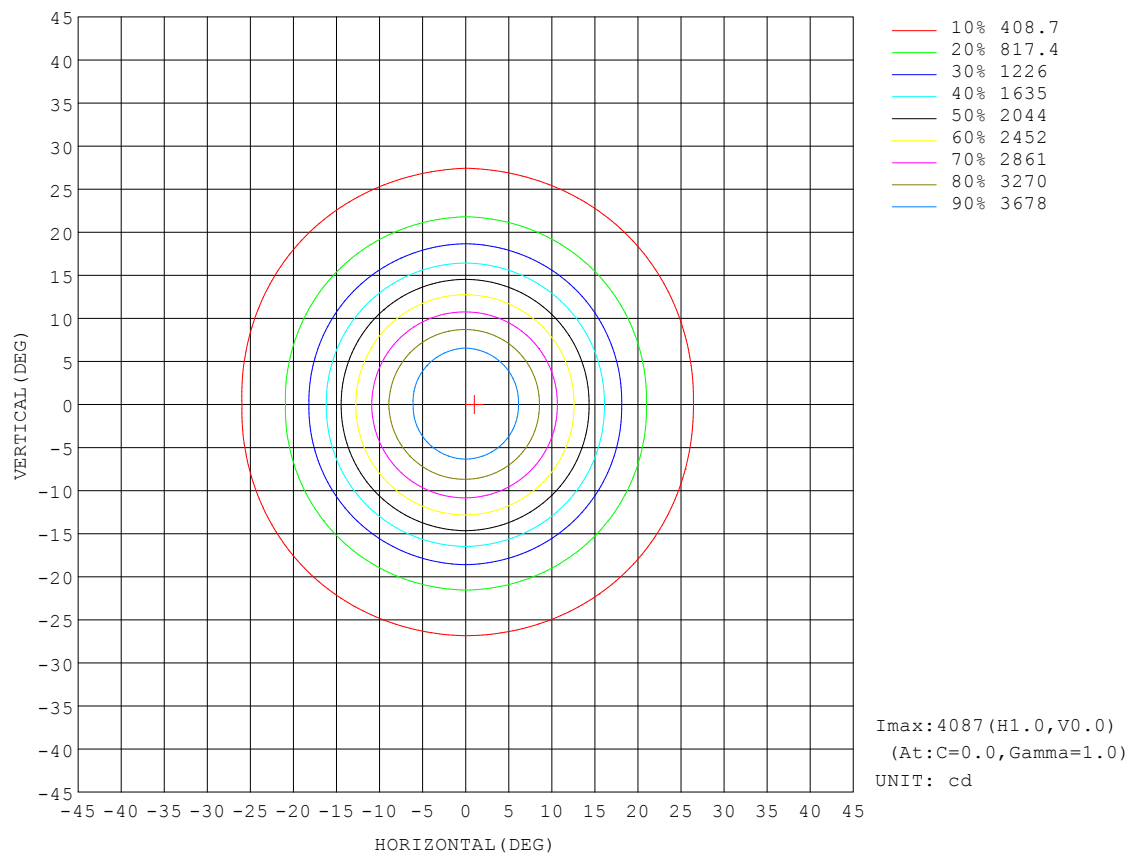
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	80
1.00	98	93	89	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	102	98	95	91
2.00	108	104	100	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	106	104	106	104	102	95
4.00	113	111	108	111	109	107	108	106	104	97
5.00	115	112	110	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: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Xie Bi
Test Date:2020-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.900m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:221.2V I:0.0882A P:17.70W PF:0.9074 Freq:59.98Hz Lamp Flux:1316.15x1 lm		
NAME: W018LED	TYPE:	WEIGHT:
SPEC.: P-W018LED-2X8W2725-CI20034R90-PSL600	DIM.:	SERIAL No.:
MFR.: CETTIGA	SUR.:0.0003	Shielding Angle:

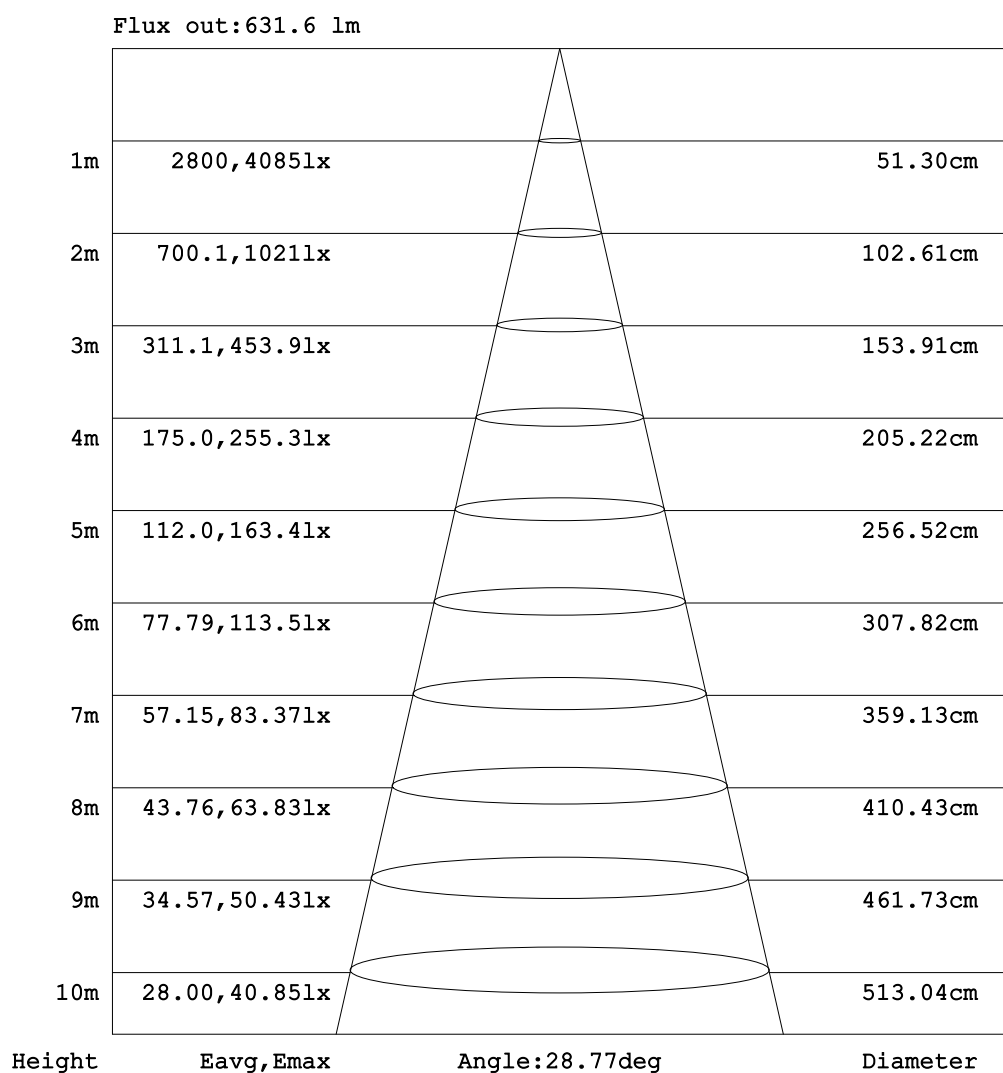


C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Xie Bi
 Test Date: 2020-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 6.900m [K=1.0000]
 Remarks:

AAI Figure

Test:U:221.2V I:0.0882A P:17.70W PF:0.9074 Freq:59.98Hz Lamp Flux:1316.15x1 lm		
NAME: W018LED	TYPE:	WEIGHT:
SPEC.:P-W018LED-2X8W2725-CI20034R90-PSL600	DIM.:	SERIAL No.:
MFR.: CETTIGA	SUR.:0.0003	Shielding Angle:



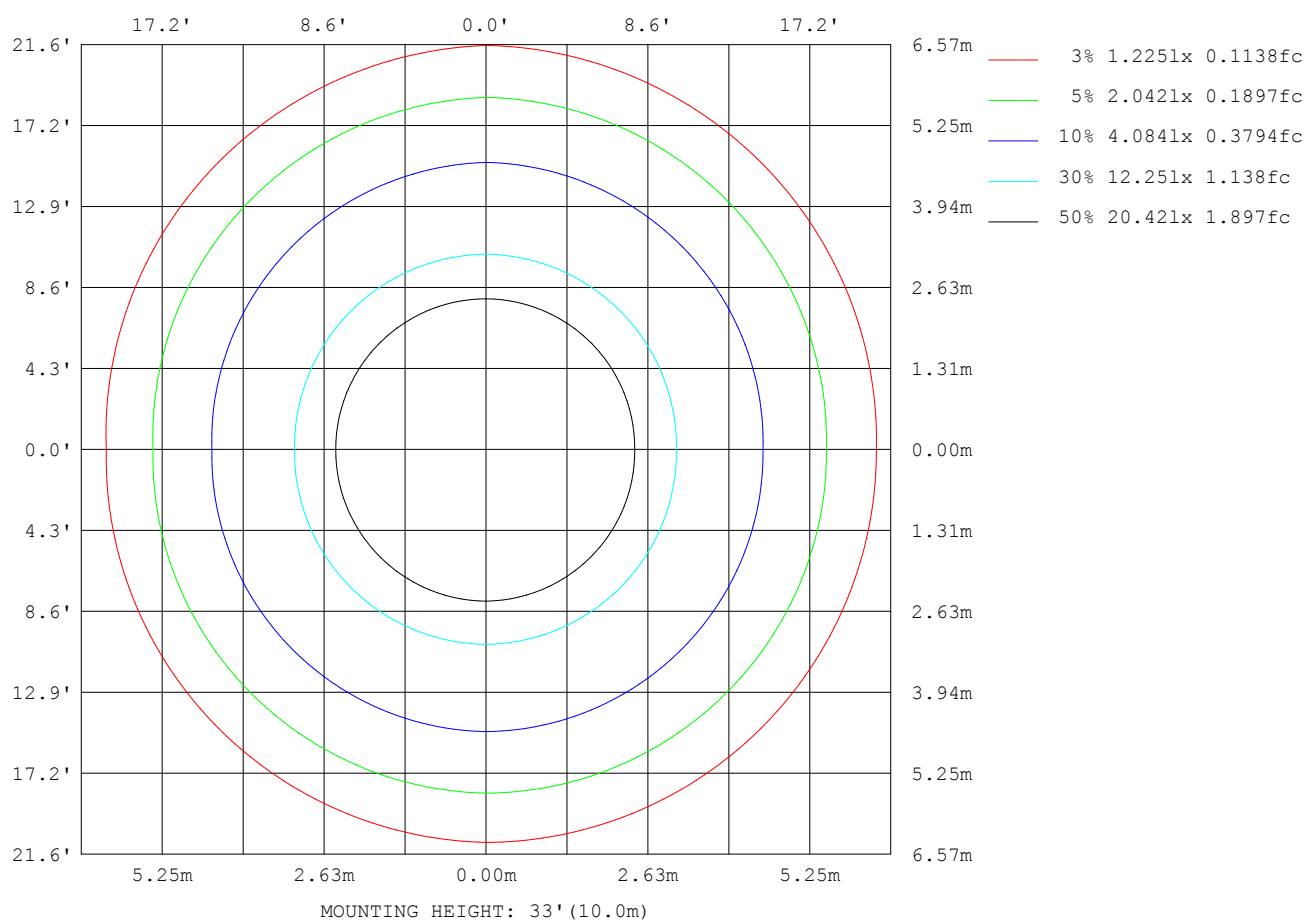
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Xie Bi
 Test Date: 2020-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 6.900m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:221.2V I:0.0882A P:17.70W PF:0.9074 Freq:59.98Hz Lamp Flux:1316.15x1 lm		
NAME: W018LED	TYPE:	WEIGHT:
SPEC.: P-W018LED-2X8W2725-CI20034R90-PSL600	DIM.:	SERIAL No.:
MFR.: CETTIGA	SUR.:0.0003	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Xie Bi
Test Date:2020-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.900m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:221.2V I:0.0882A P:17.70W PF:0.9074 Freq:59.98Hz Lamp Flux:1316.15x1 lm		
NAME: W018LED	TYPE:	WEIGHT:
SPEC.:P-W018LED-2X8W2725-CI20034R90-PSL600	DIM.:	SERIAL No.:
MFR.: CETTIGA	SUR.:0.0003	Shielding Angle:

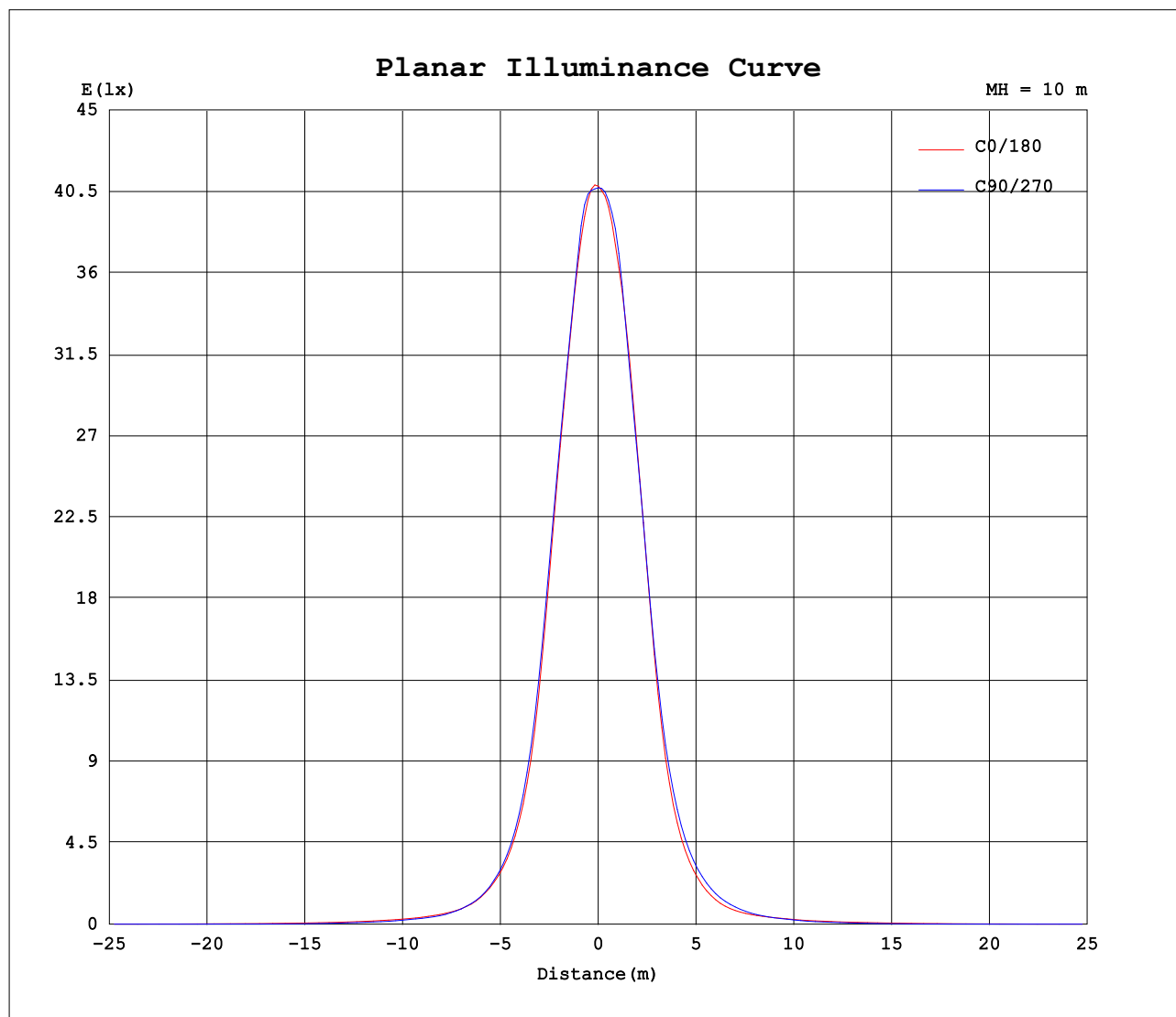
AvgL	cd/m2
L_0~180 (65) av	46781
L_0~180 (75) av	26865
L_0~180 (85) av	21251
L_90~270 (65) av	20702
L_90~270 (75) av	27071
L_90~270 (85) av	25251
L_45 (65) av	30377
L_45 (75) av	26964
L_45 (85) av	23733

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Xie Bi
Test Date:2020-02-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.900m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Xie Bi
Test Date: 2020-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 6.900m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.2V I:0.0882A P:17.70W PF:0.9074 Freq:59.98Hz Lamp Flux:1316.15x1 lm		
NAME: W018LED	TYPE:	WEIGHT:
SPEC.:P-W018LED-2X8W2725-CI20034R90-PSL600	DIM.:	SERIAL No.:
MFR.: CETTIGA	SUR.:0.0003	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	90	180	270															
0	4078	4070	4078	4070															
5	3829	3903	3798	3888															
10	2987	3026	3054	3007															
15	1883	1965	1914	1933															
20	939	1011	940	1029															
25	485	515	466	545															
30	268	276	243	302															
35	156	155	138	175															
40	107	92.6	97.7	104															
45	79.7	63.8	74.5	67.5															
50	60.5	40.0	55.8	40.0															
55	43.5	21.0	41.0	21.0															
60	27.5	9.66	26.5	10.1															
65	20.5	8.55	19.1	8.95															
70	14.2	7.80	12.9	8.16															
75	7.08	6.79	6.83	7.22															
80	3.11	4.57	3.00	4.93															
85	1.88	2.08	1.83	2.32															
90	0.03	0.01	0.02	0.03															
95	0.02	0.02	0.03	0.03															
100	0.02	0.02	0.05	0.03															
105	0.02	0.03	0.06	0.03															
110	0.02	0.05	0.08	0.03															
115	0.05	0.07	0.10	0.03															
120	0.10	0.12	0.13	0.04															
125	0.14	0.19	0.17	0.10															
130	0.21	0.28	0.24	0.14															
135	0.37	0.48	0.31	0.23															
140	0.68	0.81	0.46	0.39															
145	1.29	1.39	0.74	0.68															
150	2.19	2.29	1.25	1.21															
155	3.32	3.41	2.02	2.00															
160	4.40	4.49	2.97	2.93															
165	5.14	5.22	3.83	3.72															
170	5.39	5.45	4.43	4.31															
175	5.36	5.36	4.85	4.73															
180	5.22	5.29	5.21	5.23															

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Xie Bi
Test Date:2020-02-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.900m [K=1.0000]
Remarks: