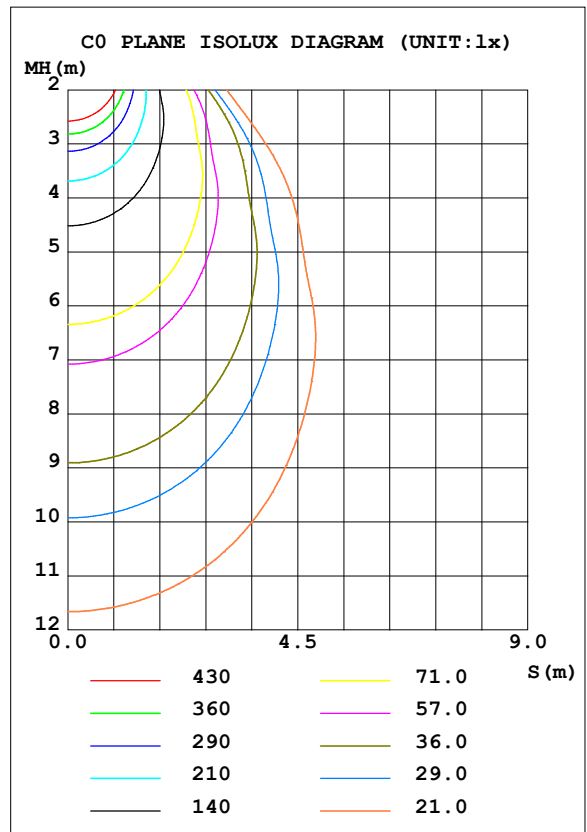
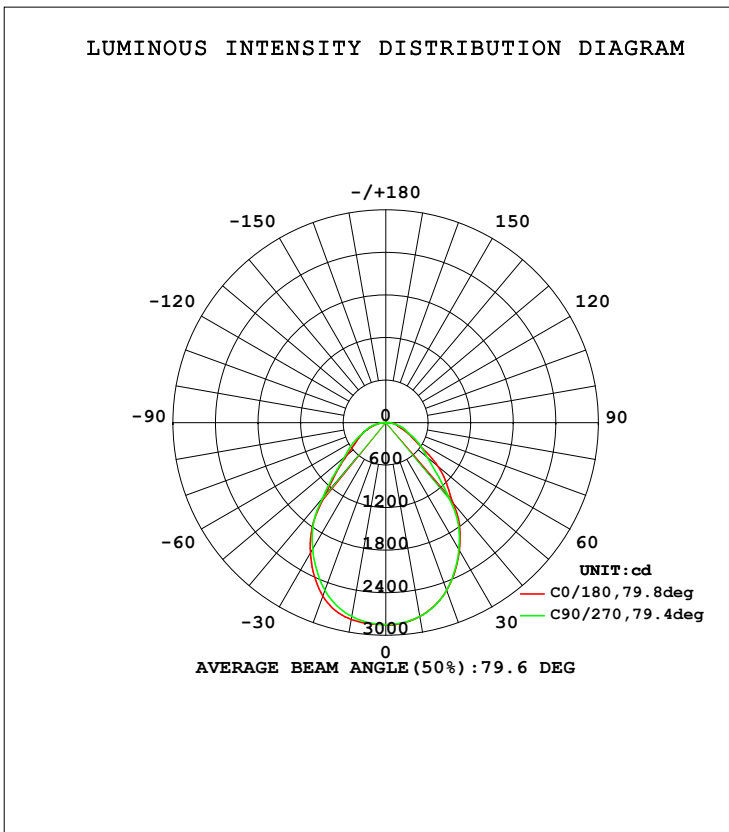


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.9V I:0.1799A P:38.81W PF:0.9720 Lamp Flux:5223.49x1 lm		
NAME: 6262M-130LM/W-6000K-UGR	TYPE:LED	WEIGHT:
SPEC.:6262M-130LM/W-6000K-UGR	DIM.: 620.5*620.5	SERIAL No.:
MFR.: JT	SUR.:0.6205*0.6205	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.60 lm/W			
MODEL	PL-6262-40S	I _{max} (cd)	2855	S/MH (C0/180)	1.13
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.10
RATED VOLTAGE (V)	220-240	TOTAL FLUX (lm)	5223.5	η UP, DN (C0-180)	0.0, 50.4
NOMINAL FLUX (lm)	5223.49	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.5
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	220	η down (%)	99.9	CIBSE SHR MAX	1.15



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 7.560m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C90	C180	C270				γ	Φ zone	Φ total	%lum,lamp
10	2776	2775	2818	2775				0- 10	269.1	269.1	5.15,5.15
20	2517	2514	2602	2514				10- 20	756.0	1025	19.6,19.6
30	2077	2063	2126	2063				20- 30	1068	2093	40.1,40.1
40	1479	1396	1336	1396				30- 40	1111	3204	61.3,61.3
50	970.2	769.6	722.4	769.6				40- 50	824.7	4029	77.1,77.1
60	444.6	486.8	444.7	486.8				50- 60	551.3	4580	87.7,87.7
70	231.4	285.6	273.4	285.6				60- 70	355.2	4936	94.5,94.5
80	144.4	135.8	122.1	135.8				70- 80	211.2	5147	98.5,98.5
90	0.0367	0	0.0114	0				80- 90	71.79	5219	99.9,99.9
100	0	0	0	0				90-100	0.0007	5219	99.9,99.9
110	0	0	0	0				100-110	0	5219	99.9,99.9
120	0.2002	0.2589	0.2447	0.2589				110-120	0.0596	5219	99.9,99.9
130	0.7299	0.8065	0.8319	0.8065				120-130	0.4561	5219	99.9,99.9
140	1.336	1.440	1.447	1.440				130-140	0.8489	5220	99.9,99.9
150	2.012	2.094	2.071	2.094				140-150	1.084	5221	100,100
160	2.748	2.802	2.761	2.802				150-160	1.113	5222	100,100
170	3.341	3.364	3.323	3.364				160-170	0.8642	5223	100,100
180	3.648	3.622	3.613	3.622				170-180	0.3314	5223	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

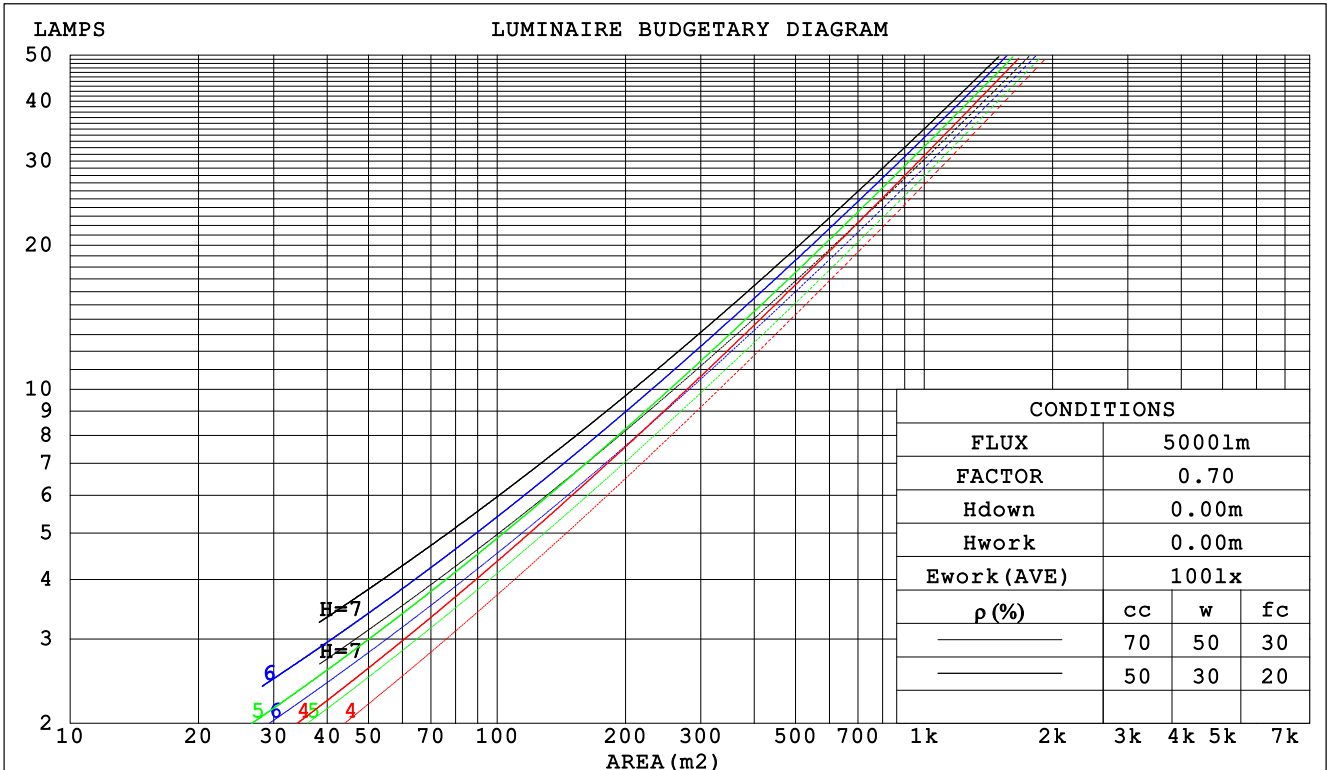
C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.560m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.9V I:0.1799A P:38.81W PF:0.9720 Lamp Flux:5223.49x1 lm		
NAME: 6262M-130LM/W-6000K-UGR	TYPE:LED	WEIGHT:
SPEC.:6262M-130LM/W-6000K-UGR	DIM.: 620.5*620.5	SERIAL No.:
MFR.: JT	SUR.:0.6205*0.6205	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						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	1.06	1.03	.99	1.04	1.01	.98	.90	.97	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.95	.89	.84	.93	.88	.83	.90	.85	.81	.87	.83	.80	.84	.81	.78	.76
3.0	.85	.78	.73	.84	.77	.72	.81	.75	.71	.78	.74	.70	.76	.72	.68	.66
4.0	.77	.69	.64	.76	.69	.63	.73	.67	.62	.71	.66	.62	.69	.65	.61	.59
5.0	.70	.62	.56	.69	.62	.56	.67	.60	.55	.65	.59	.55	.63	.58	.54	.52
6.0	.64	.56	.50	.63	.56	.50	.61	.55	.50	.60	.54	.49	.58	.53	.49	.47
7.0	.59	.51	.45	.58	.51	.45	.57	.50	.45	.55	.49	.45	.54	.48	.44	.43
8.0	.54	.47	.41	.54	.46	.41	.52	.46	.41	.51	.45	.41	.50	.45	.40	.39
9.0	.50	.43	.38	.50	.43	.38	.49	.42	.37	.48	.42	.37	.47	.41	.37	.35
10.0	.47	.39	.35	.46	.39	.35	.45	.39	.34	.44	.38	.34	.44	.38	.34	.33



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.560m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:221.9V I:0.1799A P:38.81W PF:0.9720 Lamp Flux:5223.49x1 lm		
NAME: 6262M-130LM/W-6000K-UGR	TYPE:LED	WEIGHT:
SPEC.:6262M-130LM/W-6000K-UGR	DIM.: 620.5*620.5	SERIAL No.:
MFR.: JT	SUR.:0.6205*0.6205	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	.262	.149	.047	.255	.145	.046	.242	.139	.044	.230	.133	.043	.219	.127	.041	
2.0	.248	.136	.042	.242	.133	.041	.230	.128	.040	.220	.123	.039	.210	.119	.037	
3.0	.232	.123	.037	.226	.121	.036	.216	.117	.036	.207	.113	.035	.199	.110	.034	
4.0	.216	.112	.033	.211	.111	.033	.203	.108	.032	.195	.104	.032	.187	.102	.031	
5.0	.202	.103	.030	.198	.102	.030	.190	.099	.029	.183	.097	.029	.176	.094	.028	
6.0	.189	.095	.027	.186	.094	.027	.179	.092	.027	.172	.090	.026	.166	.088	.026	
7.0	.178	.088	.025	.174	.087	.025	.168	.085	.025	.163	.083	.024	.157	.082	.024	
8.0	.167	.082	.023	.164	.081	.023	.159	.079	.023	.154	.078	.022	.149	.076	.022	
9.0	.158	.076	.021	.155	.076	.021	.151	.074	.021	.146	.073	.021	.141	.072	.021	
10.0	.150	.072	.020	.147	.071	.020	.143	.070	.020	.139	.069	.020	.135	.068	.019	

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	.191	.191	.191	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.178	.157	.139	.152	.135	.120	.104	.093	.083	.060	.054	.048	.019	.017	.016	
2.0	.167	.133	.104	.143	.114	.090	.098	.079	.063	.057	.046	.037	.018	.015	.012	
3.0	.158	.115	.080	.135	.099	.070	.093	.069	.049	.054	.040	.029	.017	.013	.009	
4.0	.149	.101	.064	.128	.087	.056	.088	.061	.039	.051	.036	.023	.016	.012	.008	
5.0	.142	.090	.052	.122	.078	.045	.084	.055	.032	.049	.032	.019	.016	.010	.006	
6.0	.135	.082	.043	.116	.071	.038	.080	.049	.027	.046	.029	.016	.015	.010	.005	
7.0	.128	.074	.037	.110	.065	.032	.076	.045	.023	.044	.027	.014	.014	.009	.004	
8.0	.122	.069	.032	.105	.059	.028	.073	.042	.020	.042	.025	.012	.014	.008	.004	
9.0	.117	.064	.028	.100	.055	.024	.070	.039	.017	.041	.023	.010	.013	.008	.003	
10.0	.111	.059	.025	.096	.051	.022	.067	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.560m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.9V I:0.1799A P:38.81W PF:0.9720 Lamp Flux:5223.49x1 lm										
NAME: 6262M-130LM/W-6000K-UGR					TYPE:LED			WEIGHT:		
SPEC.:6262M-130LM/W-6000K-UGR					DIM.: 620.5*620.5			SERIAL No.:		
MFR.: JT					SUR.:0.6205*0.6205			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	15.8	17.1	16.1	17.3	17.5	15.6	16.9	15.9	17.1	17.3
3H	16.5	17.7	16.8	17.9	18.2	16.6	17.8	16.9	18.0	18.2
4H	16.8	18.0	17.1	18.2	18.5	17.1	18.2	17.4	18.5	18.7
6H	17.2	18.3	17.6	18.6	18.9	17.5	18.6	17.8	18.8	19.1
8H	17.5	18.5	17.8	18.8	19.1	17.6	18.7	18.0	19.0	19.3
12H	17.6	18.6	18.0	18.9	19.2	17.8	18.8	18.1	19.1	19.4
4H 2H	16.1	17.2	16.4	17.5	17.7	15.9	17.1	16.2	17.3	17.6
3H	17.0	18.0	17.3	18.3	18.6	17.1	18.1	17.4	18.4	18.7
4H	17.5	18.4	17.8	18.7	19.0	17.7	18.7	18.1	19.0	19.3
6H	18.1	18.9	18.5	19.2	19.6	18.3	19.1	18.7	19.5	19.9
8H	18.4	19.1	18.8	19.5	19.9	18.6	19.3	19.0	19.7	20.1
12H	18.6	19.3	19.1	19.7	20.1	18.7	19.4	19.2	19.8	20.2
8H 4H	17.7	18.5	18.1	18.8	19.2	18.0	18.7	18.4	19.1	19.5
6H	18.5	19.1	18.9	19.5	20.0	18.7	19.3	19.2	19.7	20.2
8H	18.9	19.5	19.4	19.9	20.4	19.0	19.6	19.5	20.0	20.5
12H	19.3	19.8	19.8	20.2	20.7	19.3	19.8	19.8	20.2	20.7
12H 4H	17.7	18.4	18.1	18.8	19.2	18.0	18.7	18.4	19.0	19.4
6H	18.6	19.1	19.0	19.6	20.0	18.8	19.3	19.2	19.8	20.2
8H	19.1	19.5	19.5	20.0	20.5	19.2	19.6	19.6	20.1	20.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.3 / - 0.4				
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				
2.0H	+ 0.9 / - 0.7					+ 0.5 / - 0.4				

CIE Pub.117 Corrected 5223 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.7)

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.560m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.9V I:0.1799A P:38.81W PF:0.9720 Lamp Flux:5223.49x1 lm		
NAME: 6262M-130LM/W-6000K-UGR	TYPE:LED	WEIGHT:
SPEC.:6262M-130LM/W-6000K-UGR	DIM.: 620.5*620.5	SERIAL No.:
MFR.: JT	SUR.:0.6205*0.6205	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	68	58	52	67	58	52	66	57	52	46
0.80	77	67	61	76	67	61	74	66	61	55
1.00	84	75	69	83	75	69	81	76	68	62
1.25	90	82	76	89	81	76	87	80	75	69
1.50	95	87	81	93	86	81	90	84	79	73
2.00	100	93	88	98	92	87	95	90	86	79
2.50	103	97	92	101	95	91	98	93	89	82
3.00	106	100	96	104	99	95	100	96	92	85
4.00	109	104	101	107	103	99	103	99	96	88
5.00	111	107	104	109	105	102	104	101	99	90
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:
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.560m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

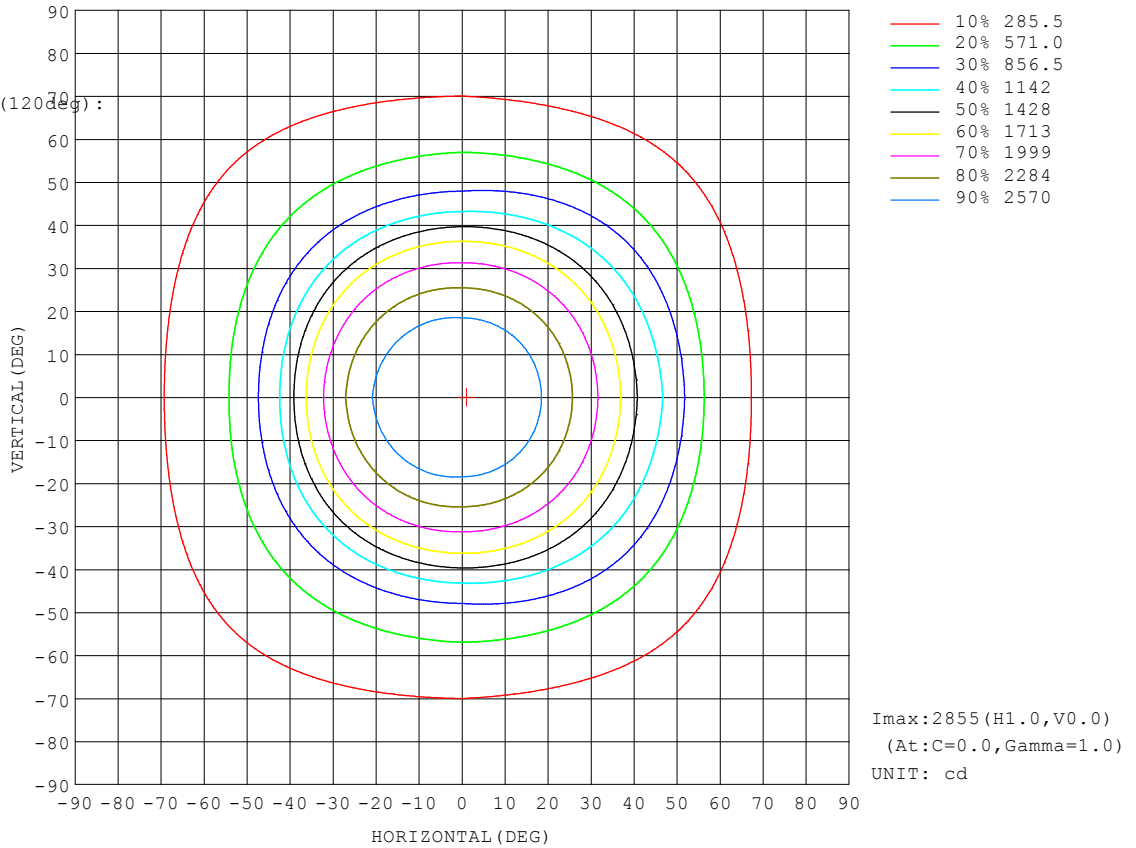
Test:U:221.9V I:0.1799A P:38.81W PF:0.9720 Lamp Flux:5223.49x1 lm		
NAME: 6262M-130LM/W-6000K-UGR	TYPE:LED	WEIGHT:
SPEC.:6262M-130LM/W-6000K-UGR	DIM.: 620.5*620.5	SERIAL No.:
MFR.: JT	SUR.:0.6205*0.6205	Shielding Angle:

Conical surface Flux(90deg):

3654.4 lm
 %lum = 70.0%
 %lamp = 70.0%

Conical surface Flux(120deg):

4580.5 lm
 %lum = 87.7%
 %lamp = 87.7%

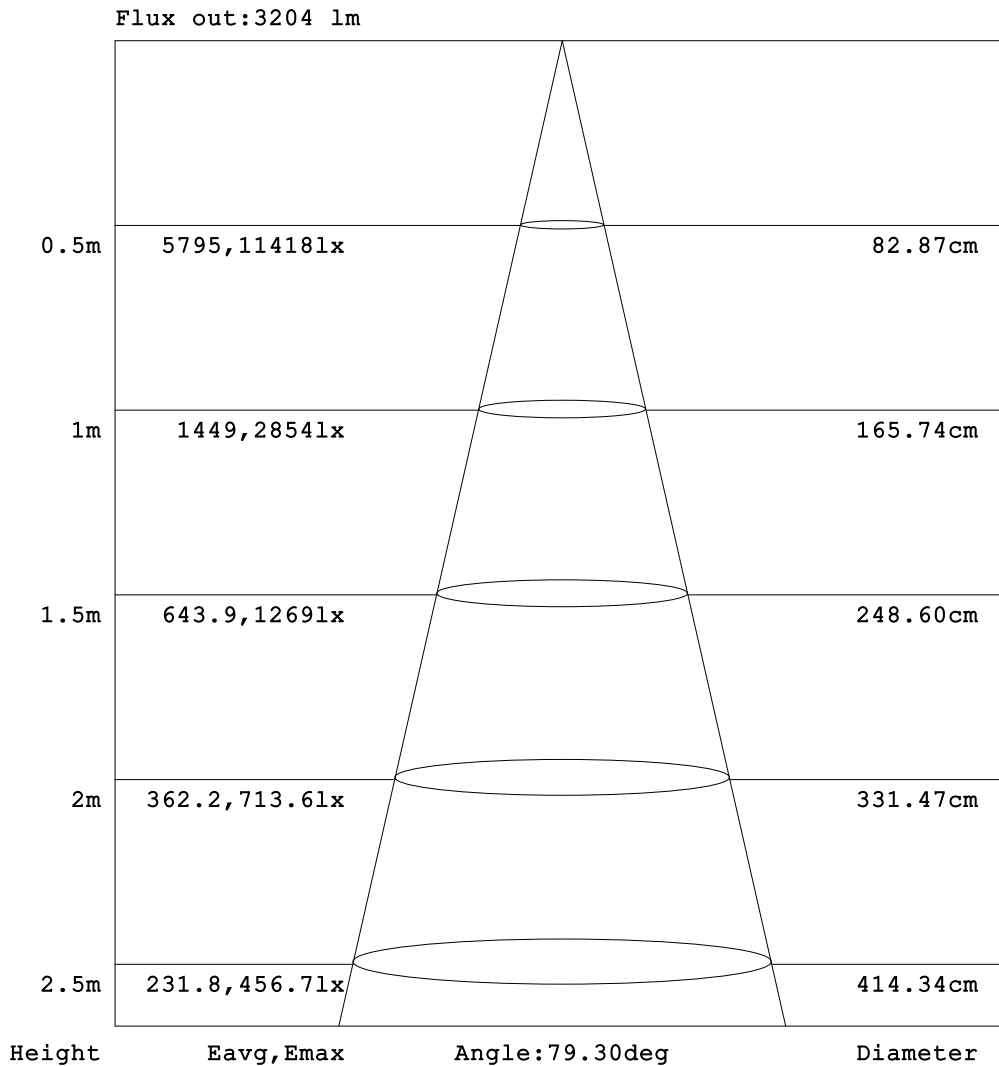


C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.560m [K=1.0000]
 Remarks:

AAI Figure

Test:U:221.9V I:0.1799A P:38.81W PF:0.9720 Lamp Flux:5223.49x1 lm		
NAME: 6262M-130LM/W-6000K-UGR	TYPE:LED	WEIGHT:
SPEC.:6262M-130LM/W-6000K-UGR	DIM.: 620.5*620.5	SERIAL No.:
MFR.: JT	SUR.:0.6205*0.6205	Shielding Angle:



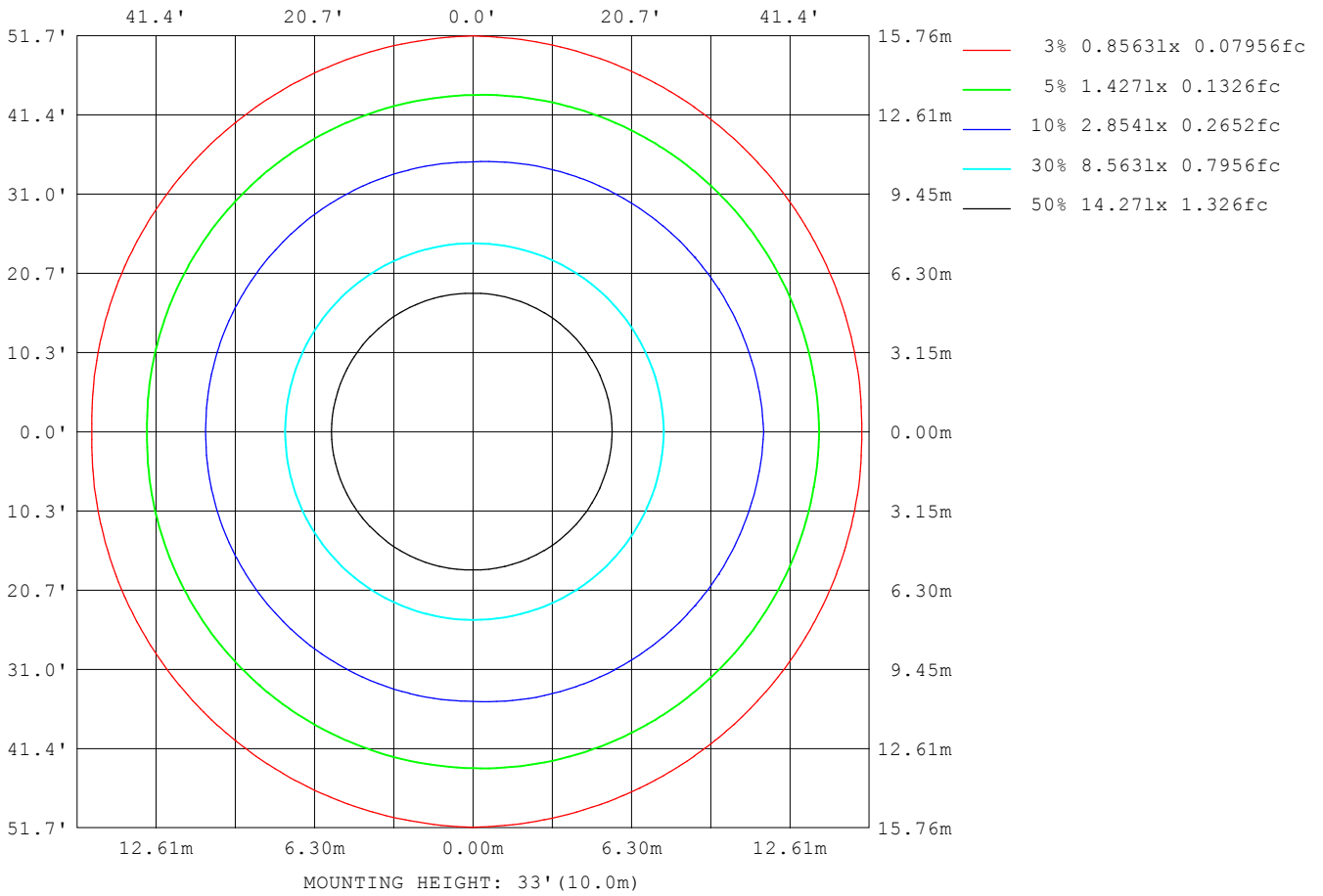
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.560m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:221.9V I:0.1799A P:38.81W PF:0.9720 Lamp Flux:5223.49x1 lm		
NAME: 6262M-130LM/W-6000K-UGR	TYPE:LED	WEIGHT:
SPEC.: 6262M-130LM/W-6000K-UGR	DIM.: 620.5*620.5	SERIAL No.:
MFR.: JT	SUR.:0.6205*0.6205	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.560m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:221.9V I:0.1799A P:38.81W PF:0.9720 Lamp Flux:5223.49x1 lm		
NAME: 6262M-130LM/W-6000K-UGR	TYPE:LED	WEIGHT:
SPEC.:6262M-130LM/W-6000K-UGR	DIM.: 620.5*620.5	SERIAL No.:
MFR.: JT	SUR.:0.6205*0.6205	Shielding Angle:

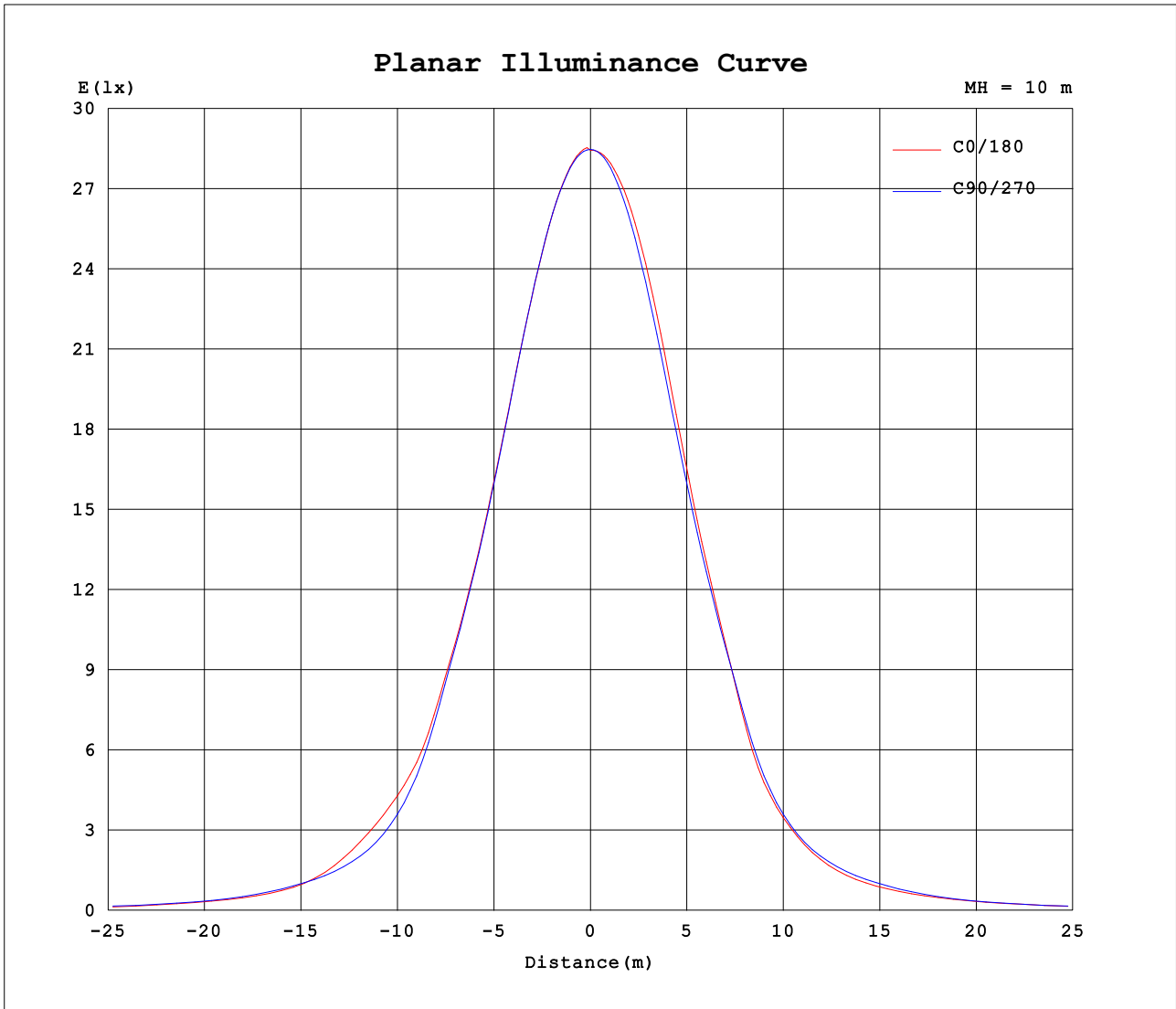
AvgL	cd/m2
L_0~180 (65) av	2132
L_0~180 (75) av	1826
L_0~180 (85) av	2020
L_90~270 (65) av	2228
L_90~270 (75) av	2187
L_90~270 (85) av	2022
L_45 (65) av	2197
L_45 (75) av	2056
L_45 (85) av	2013

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.560m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 7.560m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.9V I:0.1799A P:38.81W PF:0.9720 Lamp Flux:5223.49x1 lm		
NAME: 6262M-130LM/W-6000K-UGR	TYPE:LED	WEIGHT:
SPEC.:6262M-130LM/W-6000K-UGR	DIM.: 620.5*620.5	SERIAL No.:
MFR.: JT	SUR.:0.6205*0.6205	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	90	180	270															
0	2854	2847	2844	2847															
5	2835	2831	2843	2831															
10	2776	2775	2818	2775															
15	2671	2672	2745	2672															
20	2517	2514	2602	2514															
25	2313	2304	2387	2304															
30	2077	2063	2126	2063															
35	1822	1796	1817	1796															
40	1479	1396	1336	1396															
45	1216	1019	984	1019															
50	970	770	722	770															
55	638	619	549	619															
60	445	487	445	487															
65	334	363	360	363															
70	231	286	273	286															
75	175	218	189	218															
80	144	136	122	136															
85	72.1	67.8	63.4	67.8															
90	0.04	0.00	0.01	0.00															
95	0.00	0.00	0.00	0.00															
100	0.00	0.00	0.00	0.00															
105	0.00	0.00	0.00	0.00															
110	0.00	0.00	0.00	0.00															
115	0.00	0.03	0.00	0.03															
120	0.20	0.26	0.24	0.26															
125	0.46	0.52	0.53	0.52															
130	0.73	0.81	0.83	0.81															
135	1.03	1.13	1.14	1.13															
140	1.34	1.44	1.45	1.44															
145	1.67	1.77	1.75	1.77															
150	2.01	2.09	2.07	2.09															
155	2.37	2.45	2.42	2.45															
160	2.75	2.80	2.76	2.80															
165	3.07	3.11	3.06	3.11															
170	3.34	3.36	3.32	3.36															
175	3.53	3.54	3.51	3.54															
180	3.65	3.62	3.61	3.62															

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.560m [K=1.0000]
 Remarks: