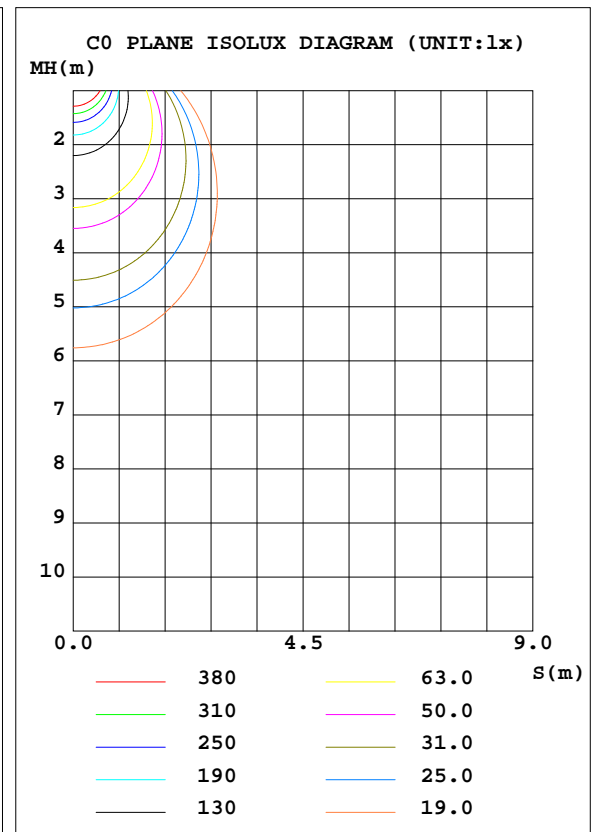
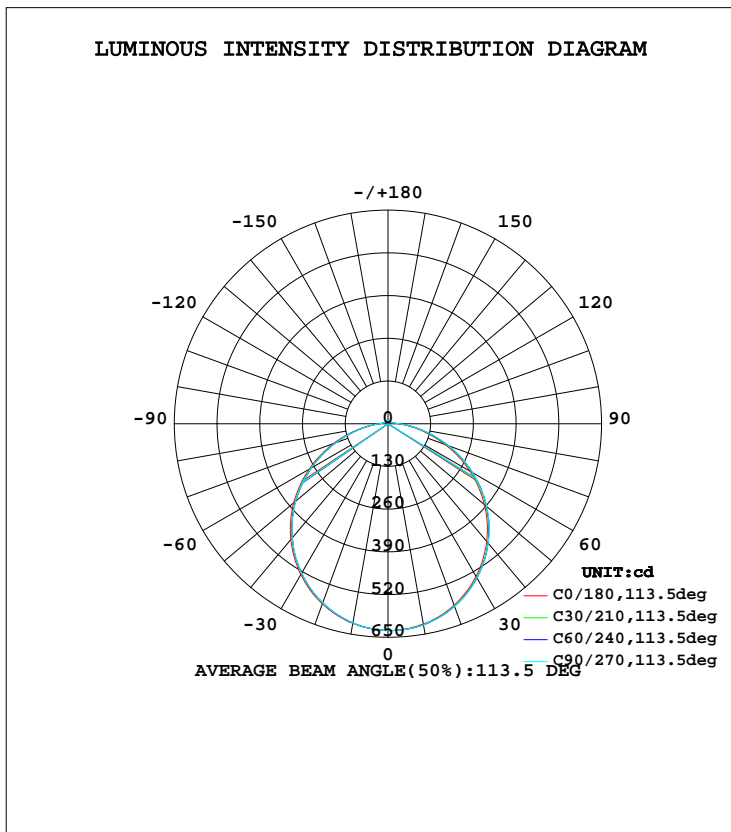


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.0V I:0.0770A P:17.70W PF:0.9540 Lamp Flux:1933.6x1 lm		
NAME: 136-040_5700K	TYPE:18W	WEIGHT:
DIM.:	SPEC.:5700K	SERIAL No.:1
MFR.:	SUR.:0.15	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.24 lm/W			
MODEL	136-040_5700K	Imax(cd)	629.8	S/MH(C0/180)	1.27
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1933.6	η UP, DN(C0-180)	2.0, 49.2
NOMINAL FLUX(lm)	1933.6	CIE CLASS	DIRECT	η UP, DN(C180-360)	2.0, 46.8
LAMPS INSIDE	1	η up(%)	4.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	240.0	η down(%)	96.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-07-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.276  
 Humidity:65.0%  
 Test Distance:9.443m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	619.4	620.8	621.7	619.4	616.7	615.3	615.4	617.1	0- 10	59.54	59.54	3.08,3.08
20	587.7	590.7	591.6	588.6	583.7	580.7	580.2	583.7	10- 20	170.7	230.2	11.9,11.9
30	536.2	541.1	541.7	537.5	530.5	526.1	525.2	530.2	20- 30	259.1	489.3	25.3,25.3
40	467.3	473.2	474.2	468.7	460.1	454.0	453.5	459.5	30- 40	313.2	802.5	41.5,41.5
50	382.7	390.6	392.0	385.1	375.1	368.0	367.3	374.0	40- 50	326.3	1129	58.4,58.4
60	287.5	295.1	296.5	289.5	277.6	270.2	269.6	276.3	50- 60	296.6	1425	73.7,73.7
70	185.5	194.2	196.3	188.7	176.9	169.4	167.5	174.5	60- 70	229.9	1655	85.6,85.6
80	91.20	99.13	101.0	94.67	85.02	79.06	78.48	82.57	70- 80	140.9	1796	92.9,92.9
90	30.46	33.88	34.64	31.25	28.14	26.78	25.96	28.57	80- 90	60.37	1857	96,96
100	15.58	16.27	16.74	15.63	15.06	14.83	14.97	15.38	90-100	23.00	1880	97.2,97.2
110	11.68	11.93	12.02	11.68	11.64	11.64	11.75	11.82	100-110	14.13	1894	97.9,97.9
120	10.01	10.12	10.19	9.933	10.11	10.17	10.23	10.29	110-120	10.79	1904	98.5,98.5
130	9.111	9.228	9.294	9.001	9.331	9.458	9.509	9.528	120-130	8.674	1913	98.9,98.9
140	8.817	8.857	8.911	8.804	9.062	9.111	9.186	9.181	130-140	7.063	1920	99.3,99.3
150	8.883	8.857	8.881	8.843	9.044	9.087	9.019	9.157	140-150	5.625	1926	99.6,99.6
160	9.146	9.081	9.073	9.091	9.224	9.249	9.276	9.322	150-160	4.191	1930	99.8,99.8
170	9.654	9.613	9.617	9.645	9.666	9.662	9.682	9.690	160-170	2.657	1933	100,100
180	9.965	9.967	9.976	9.977	9.977	9.964	9.976	9.980	170-180	0.9360	1934	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

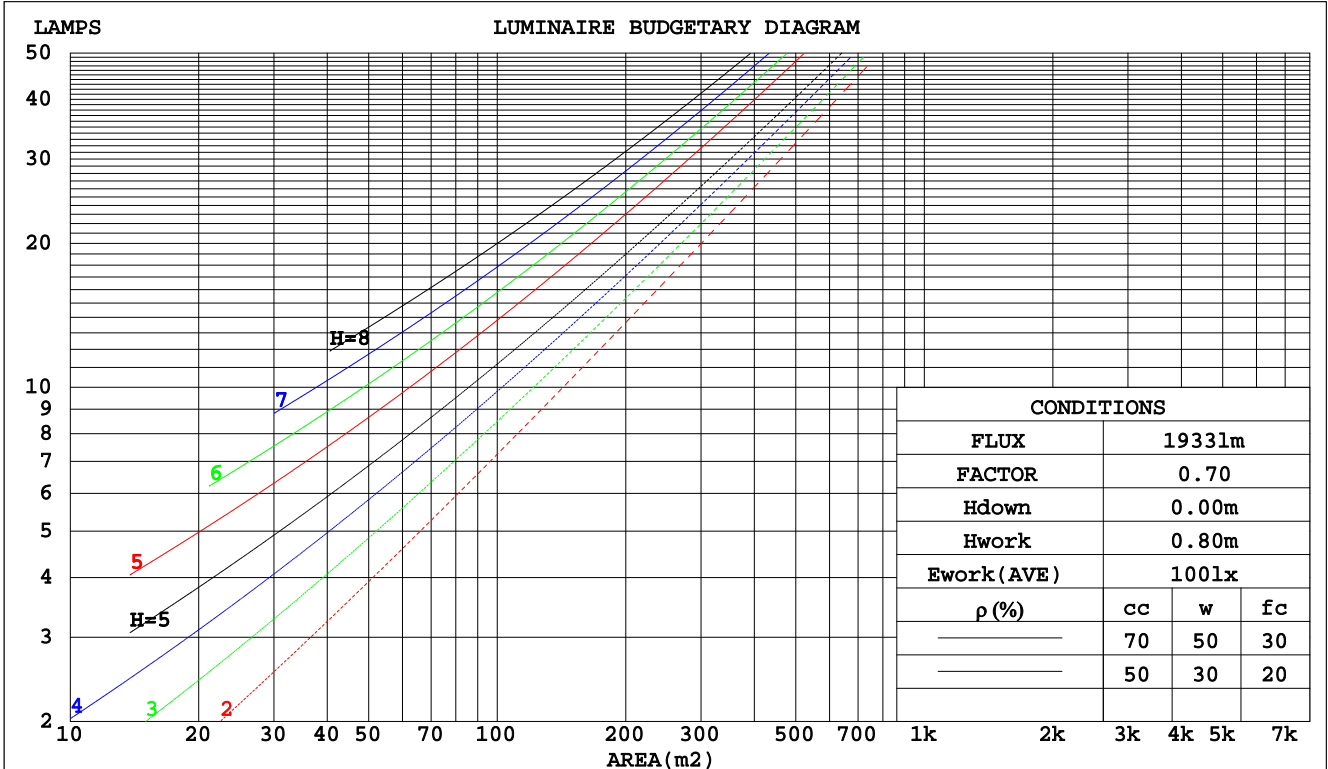
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-07-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.276  
 Humidity:65.0%  
 Test Distance:9.443m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.0V I:0.0770A P:17.70W PF:0.9540 Lamp Flux:1933.6x1 lm		
NAME: 136-040_5700K	TYPE:18W	WEIGHT:
DIM.:	SPEC.:5700K	SERIAL No.:1
MFR.:	SUR.:0.15	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.02	.98	.94	.99	.95	.92	.94	.91	.88	.90	.87	.85	.86	.83	.81	.79
2.0	.89	.82	.76	.86	.80	.75	.82	.77	.72	.78	.74	.70	.75	.71	.68	.65
3.0	.78	.69	.63	.76	.68	.62	.72	.66	.60	.69	.63	.59	.66	.61	.57	.55
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.59	.53	.49	.47
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.53	.47	.42	.40
6.0	.55	.46	.40	.54	.45	.39	.52	.44	.39	.50	.43	.38	.48	.42	.37	.35
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.45	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.30	.41	.35	.30	.40	.34	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.31	.25	.38	.30	.25	.37	.30	.25	.35	.29	.25	.34	.28	.24	.22



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2019-07-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.276  
 Humidity: 65.0%  
 Test Distance: 9.443m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:240.0V I:0.0770A P:17.70W PF:0.9540 Lamp Flux:1933.6x1 lm		
NAME: 136-040_5700K	TYPE:18W	WEIGHT:
DIM.:	SPEC.:5700K	SERIAL No.:1
MFR.:	SUR.:0.15	PROTECTION 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	.324	.185	.058	.316	.180	.057	.301	.172	.055	.286	.165	.053	.273	.158	.051	
2.0	.299	.164	.050	.292	.161	.050	.278	.155	.048	.265	.149	.047	.253	.143	.045	
3.0	.274	.146	.044	.268	.143	.043	.255	.138	.042	.244	.134	.041	.233	.129	.040	
4.0	.252	.131	.038	.246	.129	.038	.235	.125	.037	.225	.121	.036	.215	.117	.036	
5.0	.232	.118	.034	.227	.116	.034	.217	.113	.033	.208	.110	.033	.199	.106	.032	
6.0	.215	.108	.031	.210	.106	.031	.201	.103	.030	.193	.100	.029	.185	.097	.029	
7.0	.200	.099	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.173	.090	.026	
8.0	.186	.091	.026	.182	.090	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024	
9.0	.174	.084	.024	.171	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022	
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.149	.074	.021	.144	.072	.021	

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	.221	.221	.221	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.212	.187	.164	.181	.160	.141	.124	.110	.098	.071	.064	.057	.023	.021	.018	
2.0	.204	.163	.128	.175	.140	.111	.120	.097	.077	.069	.056	.045	.022	.018	.015	
3.0	.196	.145	.105	.168	.125	.091	.116	.087	.064	.067	.051	.038	.021	.017	.012	
4.0	.189	.132	.089	.162	.114	.077	.111	.080	.054	.064	.047	.032	.021	.015	.011	
5.0	.181	.122	.078	.156	.105	.068	.107	.074	.048	.062	.043	.028	.020	.014	.009	
6.0	.174	.114	.070	.150	.098	.061	.103	.069	.043	.060	.041	.026	.019	.013	.009	
7.0	.167	.107	.065	.144	.093	.056	.099	.065	.040	.058	.038	.024	.019	.013	.008	
8.0	.161	.101	.060	.138	.088	.052	.096	.062	.037	.056	.036	.022	.018	.012	.007	
9.0	.155	.096	.057	.133	.083	.049	.092	.059	.035	.054	.035	.021	.017	.011	.007	
10.0	.149	.092	.054	.128	.080	.047	.089	.056	.033	.052	.033	.020	.017	.011	.007	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-07-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.276  
 Humidity:65.0%  
 Test Distance:9.443m [K=1.0000]  
 Remarks:

Uncorrected UGR Table

Test:U:240.0V I:0.0770A P:17.70W PF:0.9540 Lamp Flux:1933.6x1 lm										
NAME: 136-040_5700K					TYPE:18W			WEIGHT:		
DIM.:					SPEC.:5700K			SERIAL No.:1		
MFR.:					SUR.:0.15			PROTECTION 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	20.1	21.6	20.5	21.9	22.2	20.2	21.7	20.6	22.0	22.3
3H	21.7	23.1	22.1	23.4	23.7	21.9	23.3	22.3	23.6	23.9
4H	22.4	23.7	22.8	24.0	24.4	22.6	23.9	23.0	24.3	24.6
6H	23.0	24.2	23.4	24.5	24.9	23.3	24.5	23.6	24.8	25.2
8H	23.2	24.4	23.6	24.7	25.1	23.5	24.7	23.9	25.1	25.4
12H	23.4	24.6	23.8	24.9	25.3	23.8	24.9	24.2	25.3	25.7
4H 2H	20.8	22.1	21.2	22.4	22.7	20.9	22.2	21.2	22.5	22.8
3H	22.6	23.7	23.0	24.1	24.5	22.7	23.9	23.1	24.2	24.6
4H	23.4	24.4	23.8	24.8	25.3	23.6	24.6	24.0	25.0	25.5
6H	24.1	25.0	24.6	25.5	25.9	24.4	25.3	24.8	25.7	26.2
8H	24.4	25.3	24.9	25.7	26.2	24.7	25.6	25.2	26.0	26.5
12H	24.7	25.5	25.2	26.0	26.5	25.0	25.8	25.5	26.3	26.8
8H 4H	23.7	24.6	24.2	25.0	25.5	23.9	24.8	24.4	25.2	25.7
6H	24.7	25.4	25.2	25.9	26.4	24.9	25.6	25.4	26.1	26.6
8H	25.1	25.7	25.6	26.2	26.8	25.4	26.0	25.9	26.5	27.0
12H	25.5	26.1	26.1	26.6	27.2	25.8	26.4	26.4	26.9	27.5
12H 4H	23.8	24.6	24.3	25.0	25.5	23.9	24.7	24.4	25.2	25.7
6H	24.8	25.4	25.3	25.9	26.4	25.0	25.6	25.5	26.1	26.7
8H	25.3	25.8	25.8	26.3	26.9	25.5	26.1	26.1	26.6	27.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 1934 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-07-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.276  
 Humidity:65.0%  
 Test Distance:9.443m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.0V I:0.0770A P:17.70W PF:0.9540 Lamp Flux:1933.6x1 lm		
NAME: 136-040_5700K	TYPE:18W	WEIGHT:
DIM.:	SPEC.:5700K	SERIAL No.:1
MFR.:	SUR.:0.15	PROTECTION ANGLE:

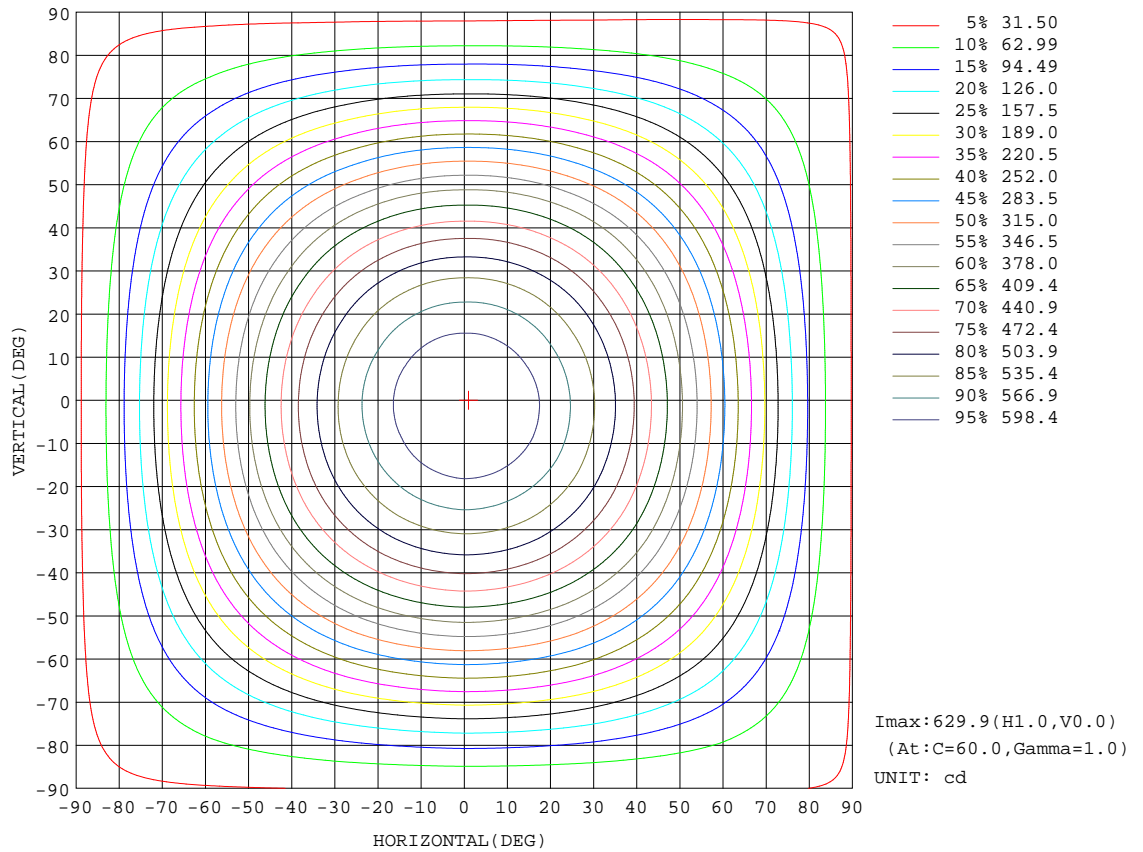
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	53	43	36	30
0.80	65	54	46	64	53	46	62	52	45	38
1.00	74	62	55	72	62	54	70	63	54	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	75	68	84	74	68	80	72	66	58
2.00	93	84	77	91	82	76	87	80	74	65
2.50	97	88	82	94	87	81	90	84	79	69
3.00	100	93	87	98	91	86	93	88	83	73
4.00	104	98	93	102	96	91	97	92	88	78
5.00	107	102	97	104	99	95	99	95	92	81
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-07-20

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.276  
 Humidity:65.0%  
 Test Distance:9.443m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:240.0V I:0.0770A P:17.70W PF:0.9540 Lamp Flux:1933.6x1 lm		
NAME: 136-040_5700K	TYPE:18W	WEIGHT:
DIM.:	SPEC.:5700K	SERIAL No.:1
MFR.:	SUR.:0.15	PROTECTION ANGLE:

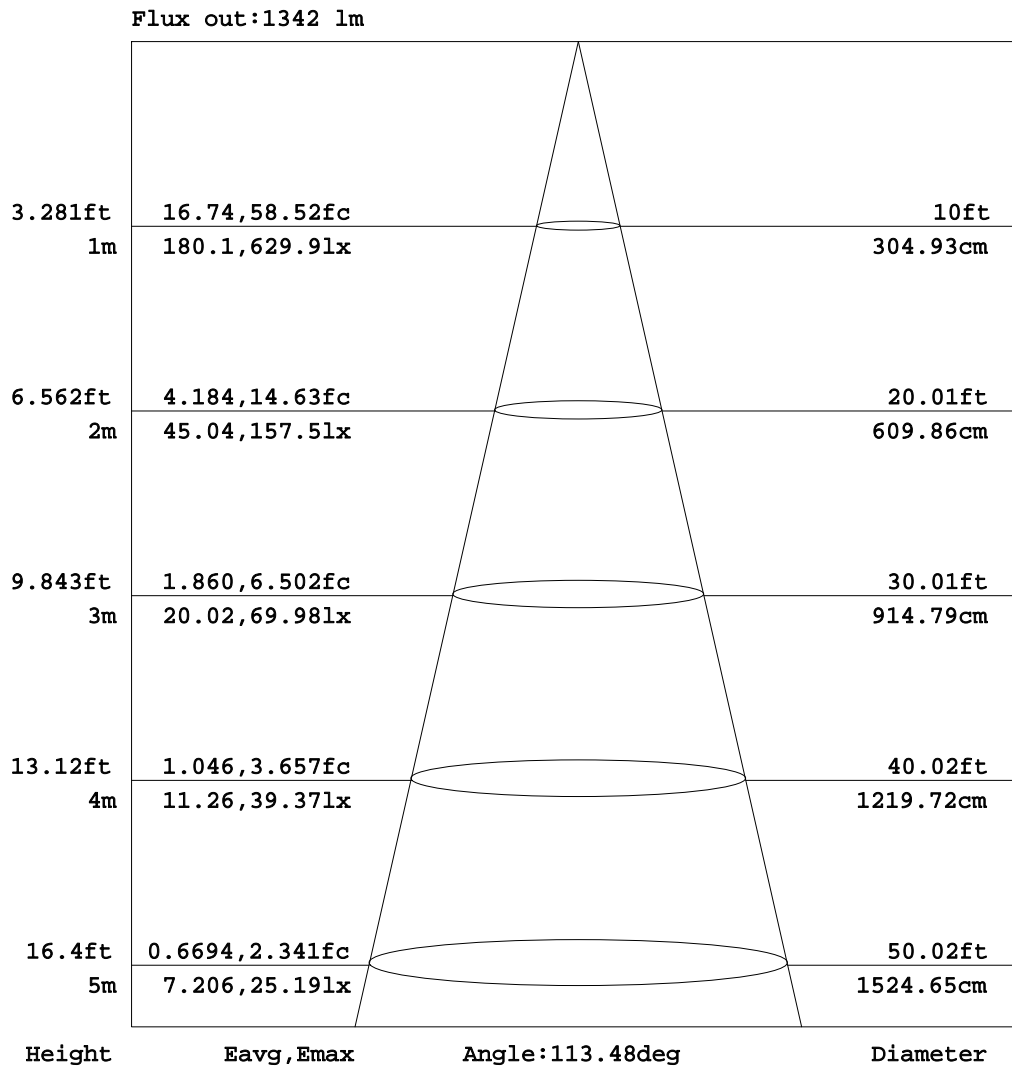


C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2019-07-20

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.276  
 Humidity: 65.0%  
 Test Distance: 9.443m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:240.0V I:0.0770A P:17.70W PF:0.9540 Lamp Flux:1933.6x1 lm		
NAME: 136-040_5700K	TYPE:18W	WEIGHT:
DIM.:	SPEC.:5700K	SERIAL No.:1
MFR.:	SUR.:0.15	PROTECTION ANGLE:



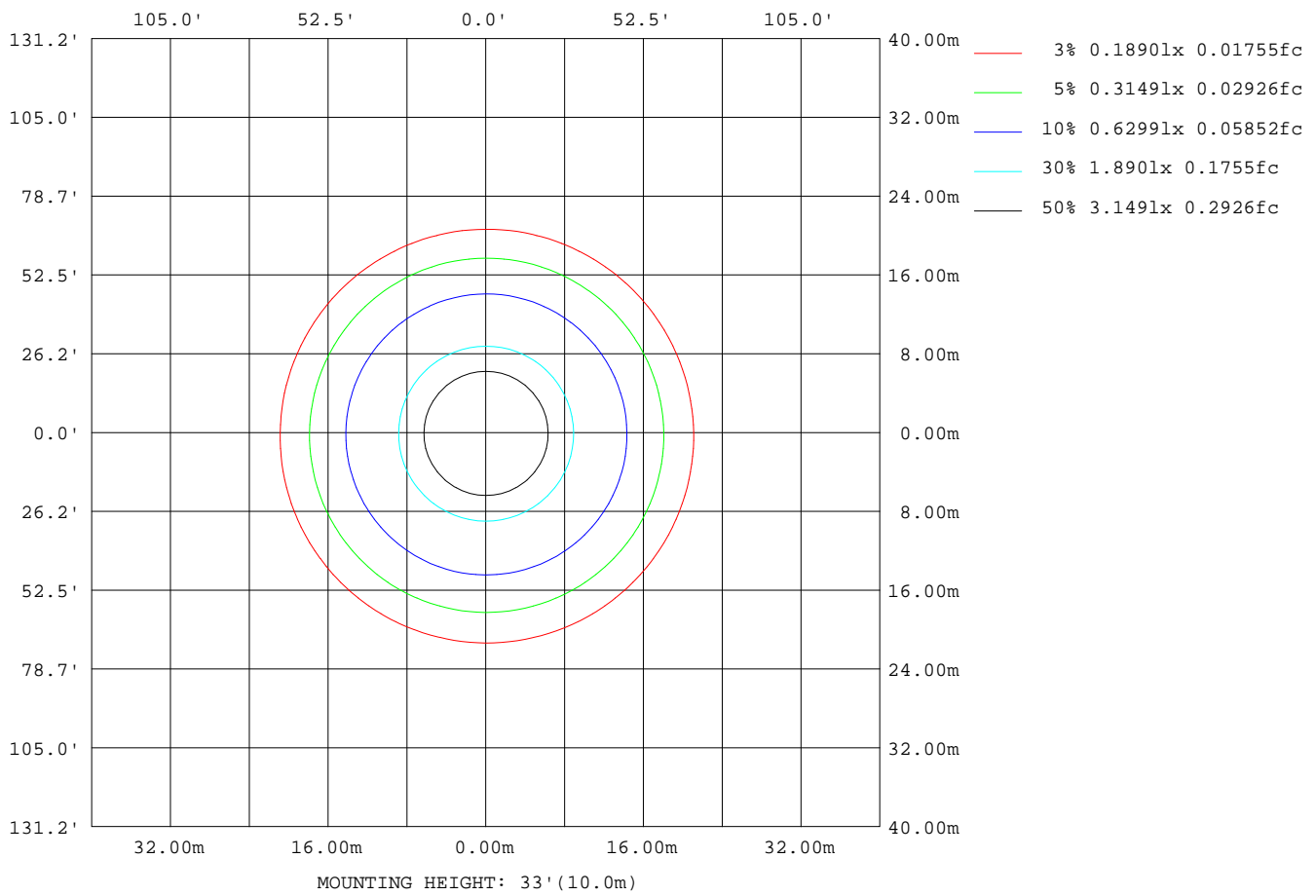
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-07-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.276  
 Humidity:65.0%  
 Test Distance:9.443m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

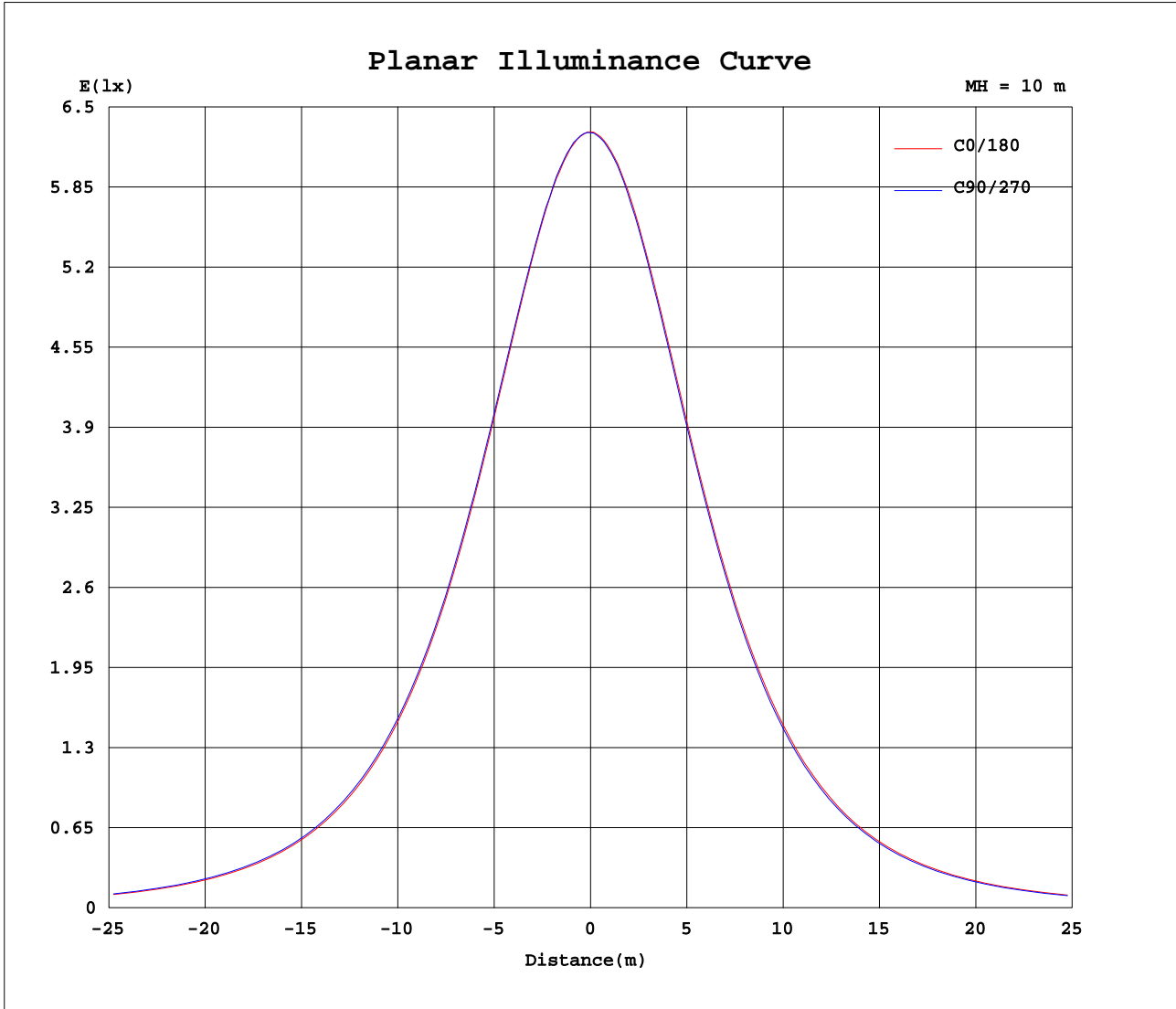
Test:U:240.0V I:0.0770A P:17.70W PF:0.9540 Lamp Flux:1933.6x1 lm		
NAME: 136-040_5700K	TYPE:18W	WEIGHT:
DIM.:	SPEC.:5700K	SERIAL No.:1
MFR.:	SUR.:0.15	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-07-20

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.276  
 Humidity:65.0%  
 Test Distance:9.443m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2019-07-20

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.276  
 Humidity: 65.0%  
 Test Distance: 9.443m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.0V I:0.0770A P:17.70W PF:0.9540 Lamp Flux:1933.6x1 lm		
NAME: 136-040_5700K	TYPE:18W	WEIGHT:
DIM.:	SPEC.:5700K	SERIAL No.:1
MFR.:	SUR.:0.15	PROTECTION ANGLE:

Table--1

UNIT: cd

C( DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	629	629	629	629	629	629	629	629	629	629	629	629							
5	626	628	628	628	627	627	626	625	625	625	625	627							
10	619	620	621	622	620	619	617	615	615	615	617	617							
15	606	608	609	609	608	606	602	600	601	600	602	604							
20	588	590	591	592	590	587	584	581	580	580	583	585							
25	564	568	569	569	567	564	560	556	555	555	557	561							
30	536	540	542	542	539	536	530	527	526	525	528	532							
35	504	508	511	510	507	503	497	493	492	491	495	499							
40	467	472	474	474	471	466	460	455	453	454	457	462							
45	427	432	434	435	431	426	419	414	412	411	415	421							
50	383	389	392	392	388	382	375	369	367	367	371	377							
55	336	342	345	345	341	334	327	321	318	319	322	329							
60	287	293	297	296	293	286	278	272	269	270	273	280							
65	237	243	247	247	243	236	227	221	218	219	222	229							
70	186	192	196	196	192	185	177	171	168	168	171	178							
75	136	143	146	147	142	136	128	122	120	120	123	128							
80	91.2	97.9	100	101	97.0	92.3	85.0	79.7	78.4	78.5	80.5	84.6							
85	55.0	60.8	61.9	62.4	60.0	56.4	50.7	46.2	45.4	45.3	47.2	49.7							
90	30.5	33.4	34.3	34.6	32.4	30.1	28.1	27.3	26.2	26.0	27.8	29.4							
95	20.7	21.3	22.5	23.0	21.3	19.8	19.0	18.7	18.4	18.6	19.4	20.6							
100	15.6	16.1	16.5	16.7	15.9	15.3	15.1	14.8	14.8	15.0	15.3	15.5							
105	13.1	13.4	13.6	13.7	13.3	13.0	13.0	12.9	12.9	13.0	13.2	13.2							
110	11.7	11.9	12.0	12.0	11.8	11.5	11.6	11.6	11.7	11.7	11.8	11.8							
115	10.7	10.8	10.9	10.9	10.8	10.6	10.8	10.8	10.9	10.9	10.9	10.9							
120	10.0	10.1	10.2	10.2	9.96	9.90	10.1	10.1	10.2	10.2	10.3	10.3							
125	9.55	9.59	9.56	9.66	9.46	9.42	9.34	9.73	9.75	9.78	9.83	9.85							
130	9.11	9.25	9.21	9.29	9.08	8.92	9.33	9.45	9.47	9.51	9.53	9.53							
135	8.94	8.95	8.99	9.05	8.95	8.72	9.15	9.25	9.27	9.29	9.34	9.34							
140	8.82	8.85	8.86	8.91	8.84	8.77	9.06	9.15	9.07	9.19	9.16	9.20							
145	8.85	8.81	8.82	8.86	8.81	8.76	9.02	9.11	8.99	9.07	9.06	9.16							
150	8.88	8.86	8.85	8.88	8.86	8.82	9.04	9.10	9.08	9.02	9.15	9.17							
155	9.00	8.94	8.93	8.94	8.95	8.92	9.10	9.14	9.11	9.14	9.20	9.22							
160	9.15	9.10	9.07	9.07	9.10	9.08	9.22	9.25	9.25	9.28	9.31	9.33							
165	9.38	9.30	9.28	9.30	9.32	9.32	9.43	9.44	9.44	9.44	9.48	9.50							
170	9.65	9.61	9.62	9.62	9.64	9.65	9.67	9.66	9.66	9.68	9.69	9.69							
175	9.86	9.87	9.86	9.87	9.88	9.87	9.88	9.88	9.88	9.90	9.89	9.88							
180	9.96	9.96	9.97	9.98	9.98	9.98	9.98	9.96	9.96	9.98	9.98	9.98							

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-07-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.276  
 Humidity:65.0%  
 Test Distance:9.443m [K=1.0000]  
 Remarks: