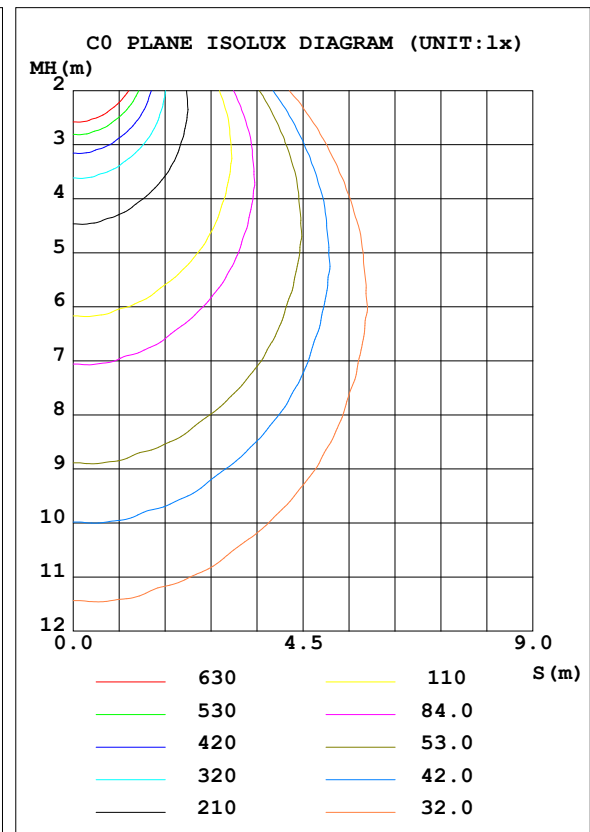
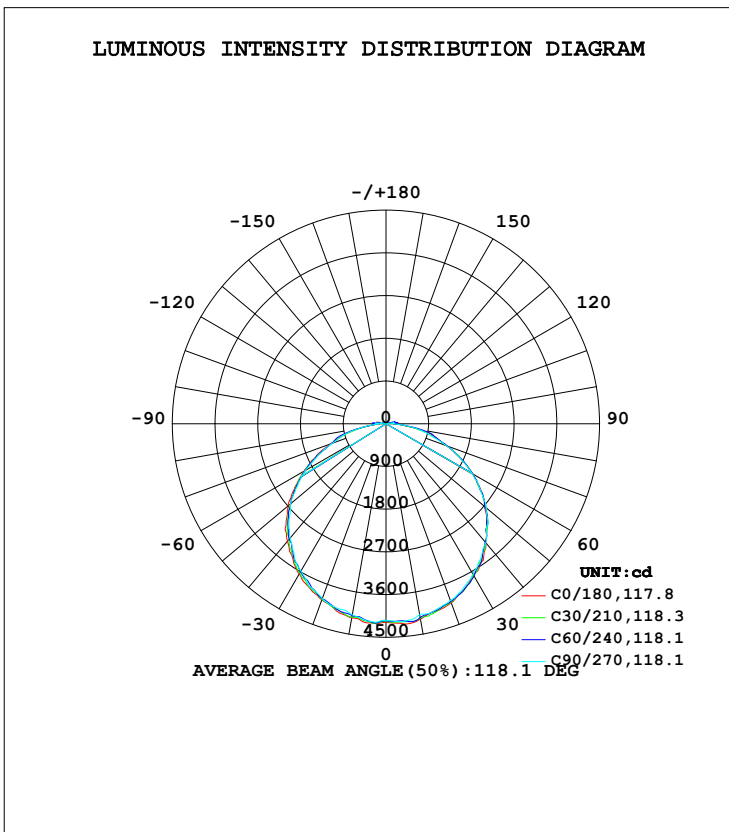


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.80V I:0.8012A P:95.557W PF:0.9956 Freq:60.00Hz Lamp Flux:113.339x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.77 lm/W			
MODEL		I _{max} (cd)	4241	S/MH (C0/180)	1.32
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.31
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	13261	η UP, DN (C0-180)	1.3, 47.7
NOMINAL FLUX (lm)	113.339	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 49.6
LAMPS INSIDE	117	η up (%)	2.7	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	η down (%)	97.3	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 10.100m [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	4153	4123	4090	4088	4179	4154	4086	4087	0- 10	396.9	396.9	2.99,2.99
20	3949	3933	3921	3910	4018	3997	3962	3923	10- 20	1143	1540	11.6,11.6
30	3653	3612	3584	3612	3685	3699	3662	3627	20- 30	1757	3297	24.9,24.9
40	3228	3176	3145	3166	3267	3257	3277	3222	30- 40	2153	5450	41.1,41.1
50	2696	2625	2624	2636	2720	2734	2761	2693	40- 50	2285	7734	58.3,58.3
60	1988	1960	1954	1993	2104	2109	2094	2046	50- 60	2114	9848	74.3,74.3
70	1253	1220	1208	1258	1351	1373	1362	1296	60- 70	1646	11494	86.7,86.7
80	590.1	567.6	586.7	616.0	711.6	738.9	708.9	683.9	70- 80	1037	12531	94.5,94.5
90	137.1	163.3	172.6	162.3	157.5	171.5	162.9	146.9	80- 90	371.7	12902	97.3,97.3
100	203.0	104.1	114.6	118.6	153.8	132.6	86.57	120.6	90-100	183.2	13086	98.7,98.7
110	17.08	17.11	16.86	16.56	16.97	17.70	16.97	17.10	100-110	61.08	13147	99.1,99.1
120	21.03	21.22	21.13	20.66	20.76	20.50	20.46	20.67	110-120	18.35	13165	99.3,99.3
130	26.31	26.42	26.28	25.85	26.12	25.79	25.68	25.90	120-130	21.00	13186	99.4,99.4
140	30.97	31.04	30.91	30.51	30.90	30.46	30.28	30.51	130-140	21.93	13208	99.6,99.6
150	35.03	35.06	34.93	34.60	35.10	34.63	34.39	34.51	140-150	20.53	13229	99.8,99.8
160	38.43	38.48	38.40	38.05	38.63	38.17	37.86	37.88	150-160	16.86	13245	99.9,99.9
170	41.37	41.36	41.23	40.89	41.54	41.16	40.89	40.77	160-170	11.21	13257	100,100
180	43.09	42.96	42.81	42.55	43.26	42.95	42.68	42.54	170-180	3.994	13261	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 6593.2 lm

%lum = 49.7%

%lamp = 49.7%

Conical surface Flux(120deg): 9848 lm

%lum = 74.3%

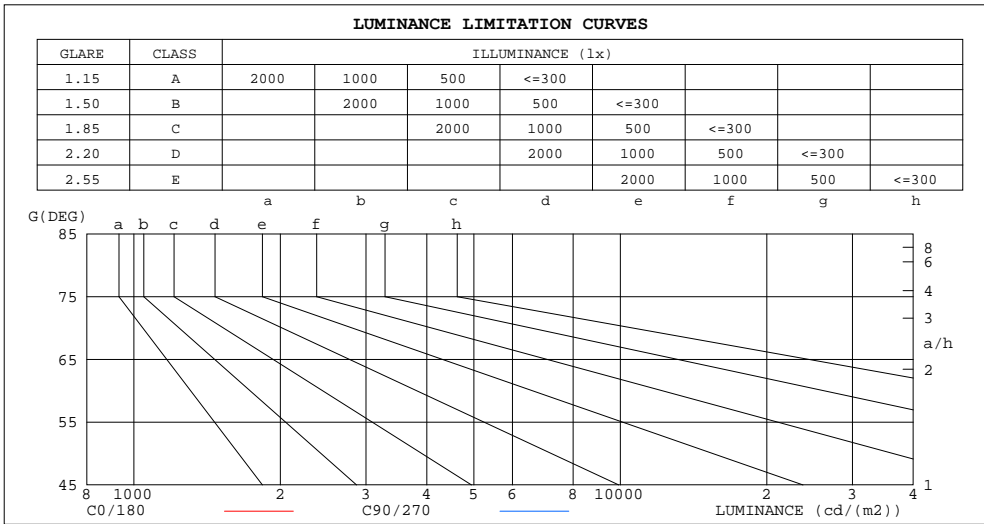
%lamp = 74.3%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.80V I:0.8012A P:95.557W PF:0.9956 Freq:60.00Hz Lamp Flux:113.339x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	307454	327440
80	361495	359459
75	391341	383416
70	389819	375685
65	409943	397310
60	423043	415806
55	436382	421102
50	446235	434307
45	447542	434842

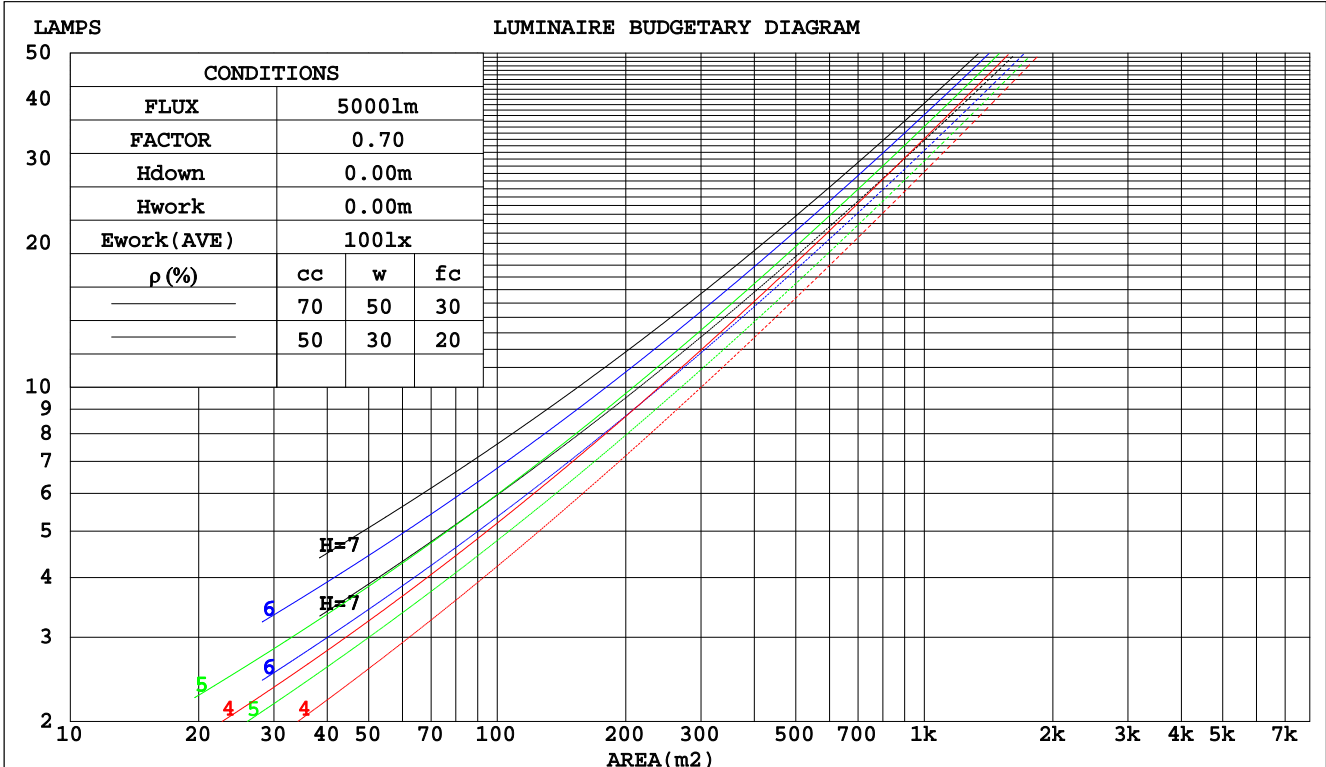
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.80V I:0.8012A P:95.557W PF:0.9956 Freq:60.00Hz Lamp Flux:113.339x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw																
ρfc	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	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.02	.98	.94	.00	.96	.92	.95	.92	.89	.91	.88	.85	.87	.84	.82	.80
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.72	.79	.74	.70	.75	.72	.68	.66
3.0	.78	.69	.62	.76	.68	.62	.72	.66	.60	.69	.64	.59	.66	.62	.57	.55
4.0	.69	.59	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.59	.54	.49	.47
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.53	.47	.42	.40
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.48	.42	.37	.35
7.0	.50	.41	.34	.49	.40	.34	.47	.39	.34	.45	.38	.33	.44	.38	.33	.31
8.0	.45	.37	.31	.44	.36	.30	.43	.35	.30	.41	.35	.30	.40	.34	.29	.27
9.0	.41	.33	.27	.41	.33	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.25
10.0	.38	.30	.25	.38	.30	.25	.36	.29	.24	.35	.29	.24	.34	.28	.24	.22



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.80V I:0.8012A P:95.557W PF:0.9956 Freq:60.00Hz Lamp Flux:113.339x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	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	.326	.185	.059	.318	.181	.058	.303	.174	.055	.289	.167	.054	.277	.160	.052	
2.0	.302	.165	.051	.295	.162	.050	.282	.157	.049	.269	.151	.047	.258	.146	.046	
3.0	.277	.147	.044	.271	.145	.044	.259	.140	.043	.248	.136	.042	.238	.132	.041	
4.0	.254	.132	.039	.249	.130	.038	.238	.126	.038	.229	.123	.037	.220	.119	.036	
5.0	.234	.119	.035	.229	.118	.034	.220	.115	.034	.211	.111	.033	.203	.109	.033	
6.0	.217	.109	.031	.212	.107	.031	.204	.105	.030	.196	.102	.030	.189	.099	.030	
7.0	.201	.100	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.176	.091	.027	
8.0	.188	.092	.026	.184	.091	.026	.177	.089	.025	.171	.087	.025	.165	.085	.025	
9.0	.176	.085	.024	.172	.084	.024	.166	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.165	.079	.022	.162	.078	.022	.156	.077	.022	.151	.075	.021	.146	.074	.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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.202	.177	.154	.173	.152	.132	.118	.104	.092	.068	.060	.053	.022	.019	.017	
2.0	.194	.153	.118	.167	.131	.102	.114	.091	.071	.066	.053	.042	.021	.017	.014	
3.0	.187	.135	.094	.160	.117	.082	.110	.081	.057	.064	.047	.034	.020	.015	.011	
4.0	.179	.122	.079	.154	.106	.068	.106	.074	.048	.061	.043	.028	.020	.014	.009	
5.0	.172	.112	.068	.148	.097	.059	.102	.068	.042	.059	.040	.025	.019	.013	.008	
6.0	.165	.104	.060	.141	.090	.052	.098	.063	.037	.057	.037	.022	.018	.012	.007	
7.0	.158	.097	.054	.136	.084	.047	.094	.059	.033	.054	.035	.020	.018	.011	.007	
8.0	.151	.091	.050	.130	.079	.043	.090	.055	.031	.052	.033	.018	.017	.011	.006	
9.0	.145	.086	.046	.125	.075	.040	.087	.053	.029	.050	.031	.017	.016	.010	.006	
10.0	.139	.082	.044	.120	.071	.038	.083	.050	.027	.049	.030	.016	.016	.010	.005	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.80V I:0.8012A P:95.557W PF:0.9956 Freq:60.00Hz Lamp Flux:113.339x117 lm										
NAME: SPS1004-HL10B-117NW					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:φ110mm			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	33.8	35.3	34.1	35.6	35.8	33.7	35.2	34.0	35.4	35.7
3H	35.3	36.7	35.7	37.0	37.3	35.2	36.6	35.5	36.9	37.2
4H	36.0	37.3	36.3	37.6	37.9	35.9	37.2	36.3	37.6	37.9
6H	36.5	37.8	36.9	38.1	38.5	36.5	37.7	36.8	38.1	38.4
8H	36.7	37.9	37.1	38.2	38.6	36.7	37.9	37.0	38.2	38.5
12H	36.8	38.0	37.2	38.3	38.7	36.8	37.9	37.2	38.3	38.6
4H 2H	34.4	35.7	34.7	36.0	36.3	34.3	35.6	34.6	35.9	36.2
3H	36.1	37.2	36.5	37.6	38.0	36.0	37.2	36.4	37.5	37.9
4H	36.9	38.0	37.3	38.3	38.7	36.9	38.0	37.3	38.4	38.7
6H	37.6	38.5	38.0	38.9	39.3	37.6	38.6	38.0	39.0	39.4
8H	37.8	38.7	38.2	39.1	39.5	37.8	38.7	38.3	39.1	39.6
12H	37.9	38.7	38.4	39.2	39.6	38.0	38.8	38.5	39.3	39.7
8H 4H	37.2	38.1	37.7	38.5	39.0	37.2	38.1	37.7	38.5	39.0
6H	38.0	38.7	38.5	39.2	39.7	38.1	38.8	38.6	39.3	39.8
8H	38.3	39.0	38.8	39.4	40.0	38.4	39.1	38.9	39.5	40.0
12H	38.5	39.1	39.1	39.6	40.1	38.7	39.2	39.2	39.7	40.3
12H 4H	37.2	38.0	37.7	38.5	38.9	37.2	38.1	37.7	38.5	39.0
6H	38.1	38.7	38.6	39.2	39.7	38.1	38.8	38.6	39.3	39.8
8H	38.4	39.0	38.9	39.5	40.0	38.5	39.1	39.0	39.6	40.1
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	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 13261 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.0)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.80V I:0.8012A P:95.557W PF:0.9956 Freq:60.00Hz Lamp Flux:113.339x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:

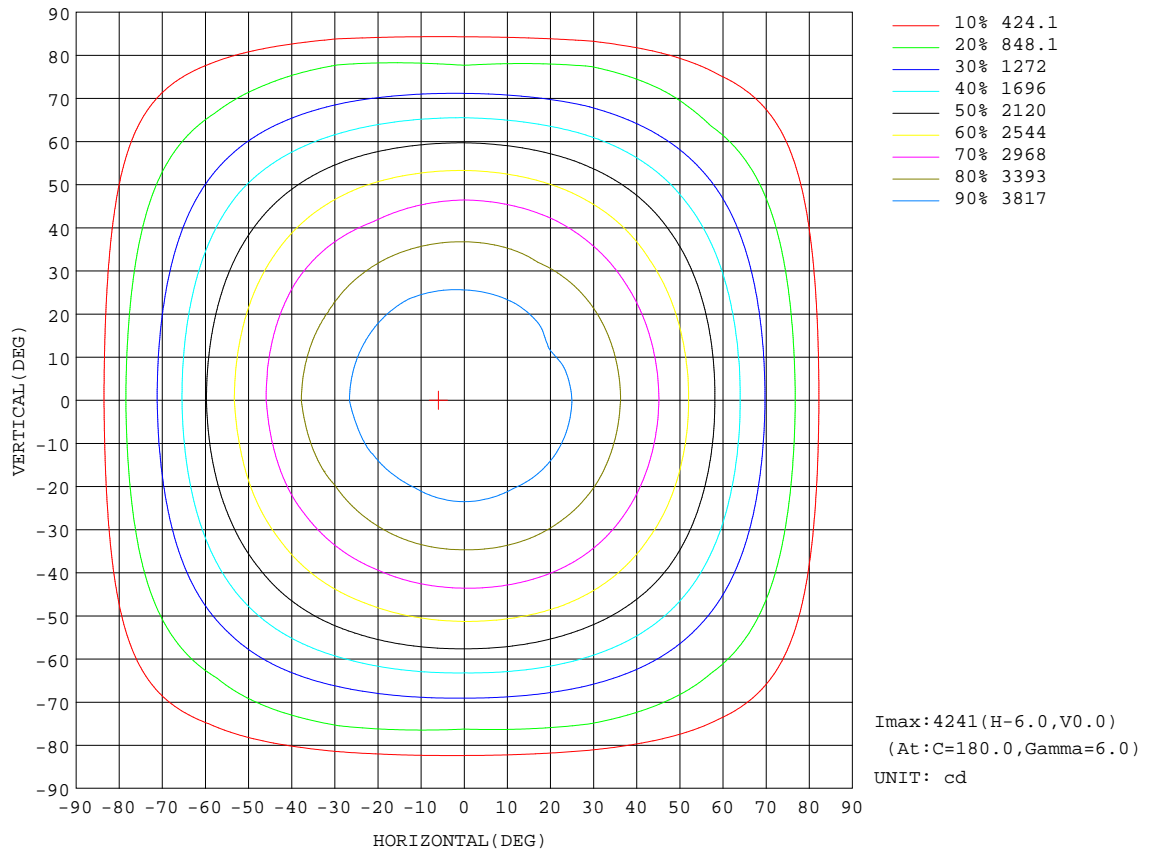
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	44	36	55	43	36	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	74	62	55	72	61	54	70	63	54	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	75	68	84	74	67	81	72	66	58
2.00	93	84	77	91	82	76	87	80	74	66
2.50	97	89	82	95	87	81	90	84	79	70
3.00	100	93	87	98	91	86	94	88	83	74
4.00	105	98	93	102	96	92	97	93	89	79
5.00	107	102	97	104	100	96	99	96	92	82
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:
 Test Date:2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.80V I:0.8012A P:95.557W PF:0.9956 Freq:60.00Hz Lamp Flux:113.339x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:

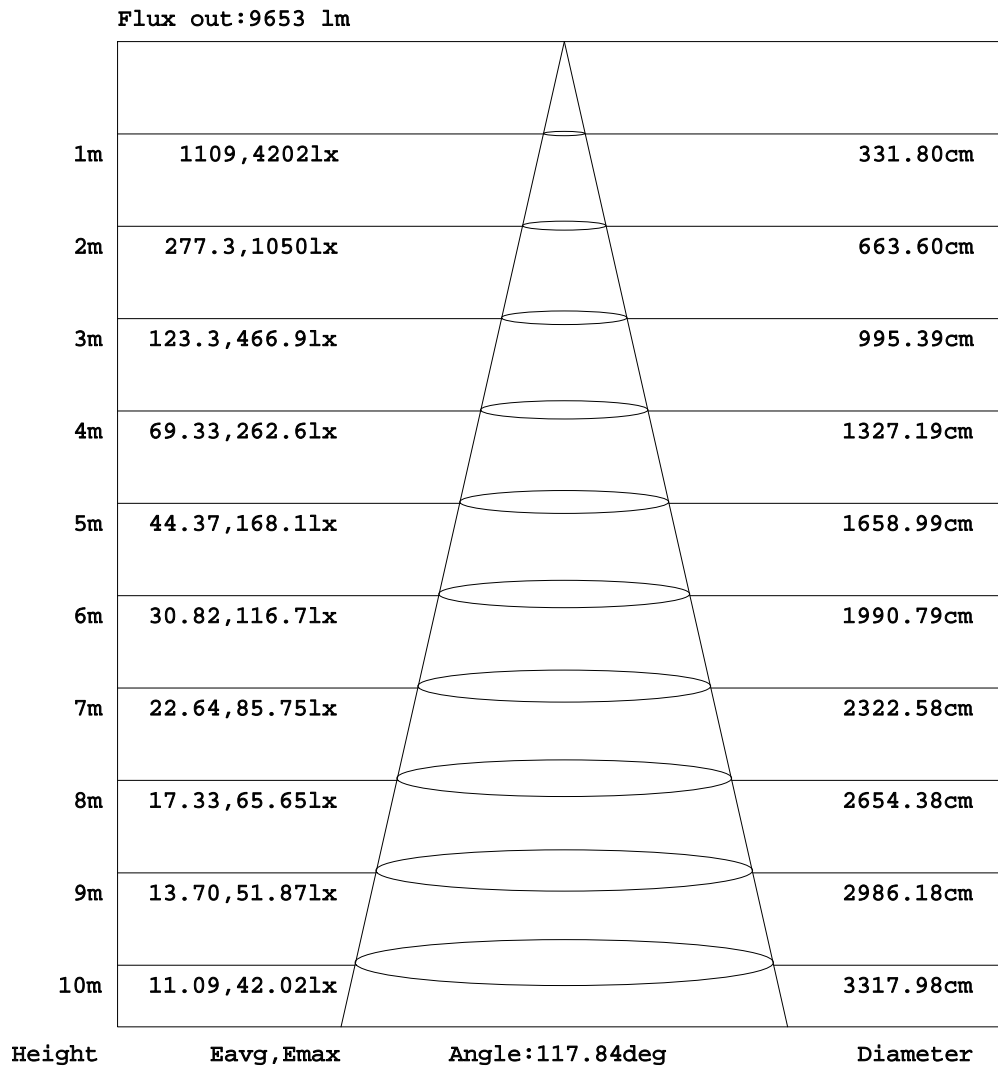


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 10.100m [K=1.0000]
 Remarks:

AAI Figure

Test:U:119.80V I:0.8012A P:95.557W PF:0.9956 Freq:60.00Hz Lamp Flux:113.339x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:



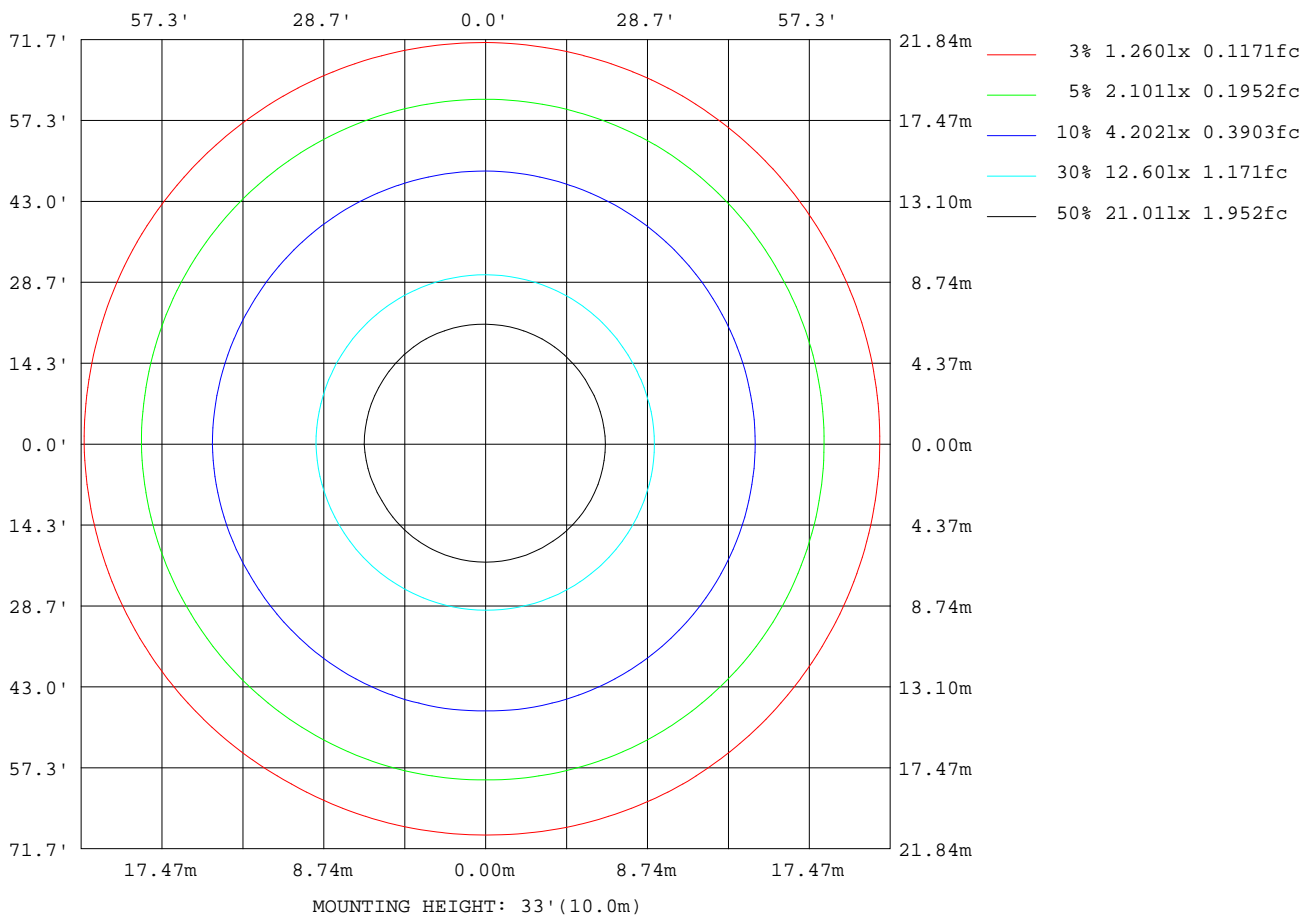
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

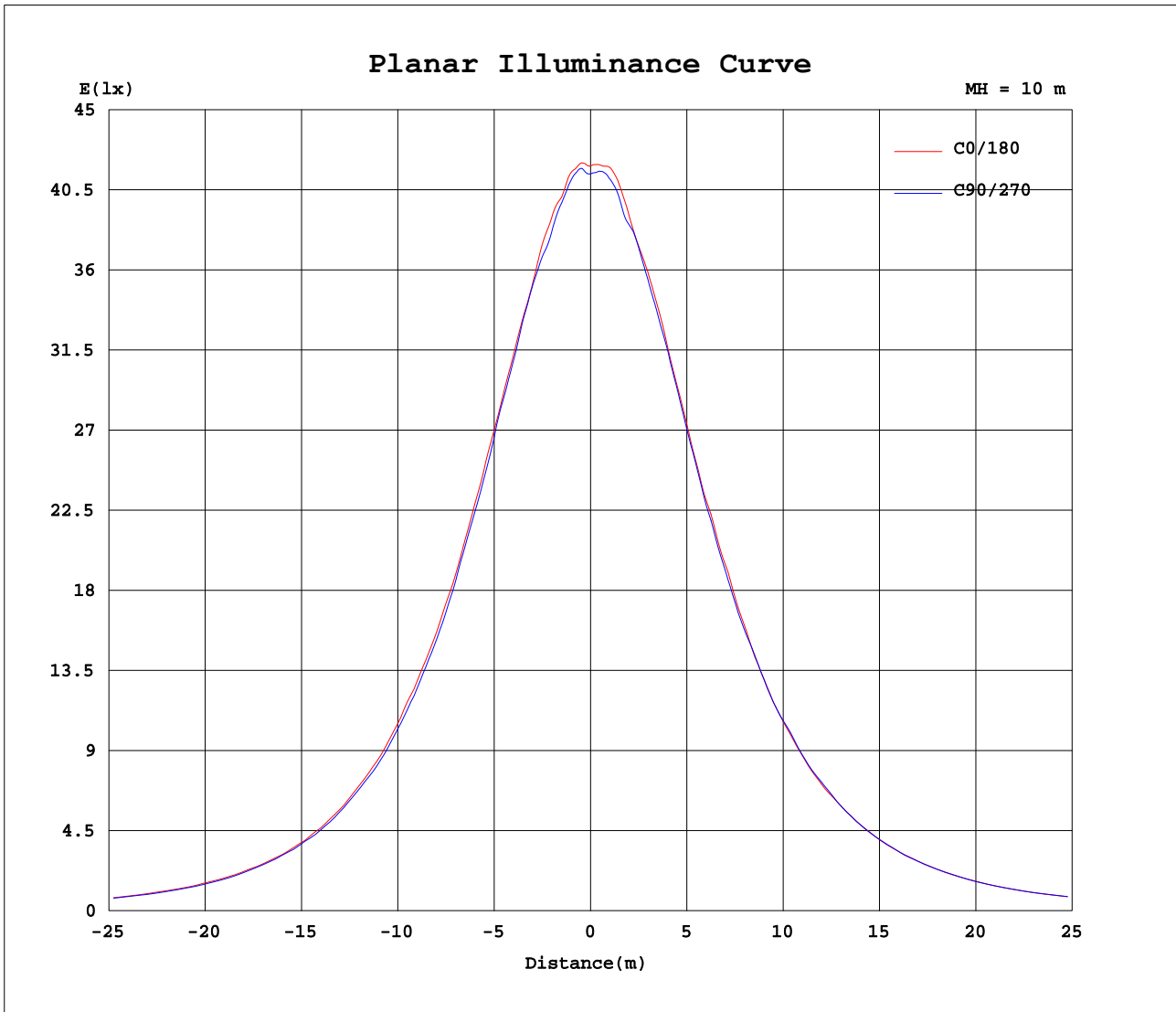
Test:U:119.80V I:0.8012A P:95.557W PF:0.9956 Freq:60.00Hz Lamp Flux:113.339x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 10.100m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 10.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.80V I:0.8012A P:95.557W PF:0.9956 Freq:60.00Hz Lamp Flux:113.339x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	4184	4168	4152	4139	4128	4119	4184	4168	4152	4139	4128	4119							
5	4210	4189	4175	4178	4157	4148	4230	4187	4167	4179	4168	4132							
10	4153	4140	4106	4090	4096	4081	4179	4162	4146	4086	4110	4064							
15	4075	4048	4040	4018	4027	4037	4086	4099	4075	4059	4052	4032							
20	3949	3942	3923	3921	3896	3924	4018	4005	3989	3962	3930	3916							
25	3815	3804	3760	3790	3789	3802	3869	3878	3870	3837	3823	3786							
30	3653	3627	3597	3584	3601	3623	3685	3688	3710	3662	3630	3623							
35	3437	3413	3402	3369	3383	3404	3536	3508	3520	3473	3416	3444							
40	3228	3182	3171	3145	3160	3172	3267	3260	3255	3277	3239	3206							
45	2975	2938	2920	2890	2896	2945	3008	3028	3000	3021	3010	2965							
50	2696	2629	2621	2624	2620	2651	2720	2750	2718	2761	2710	2677							
55	2353	2325	2307	2270	2312	2328	2437	2423	2424	2424	2394	2337							
60	1988	1962	1959	1954	1959	2026	2104	2104	2114	2094	2077	2015							
65	1629	1606	1617	1578	1587	1654	1733	1750	1751	1729	1712	1651							
70	1253	1214	1227	1208	1240	1277	1351	1367	1380	1362	1319	1274							
75	952	907	1017	933	1037	950	1073	1010	1063	983	1042	911							
80	590	542	593	587	628	604	712	684	794	709	762	606							
85	252	250	264	268	297	285	336	351	399	372	369	272							
90	137	143	183	173	181	143	158	159	184	163	171	123							
95	205	156	223	175	200	174	259	204	227	158	256	209							
100	203	62.2	146	115	191	45.8	154	110	156	86.6	152	89.0							
105	49.2	18.9	38.3	23.2	48.2	19.8	49.4	60.8	119	18.3	71.3	27.6							
110	17.1	17.0	17.2	16.9	16.9	16.3	17.0	16.8	18.6	17.0	17.3	16.9							
115	18.4	18.5	18.6	18.5	18.3	17.9	18.3	18.3	18.3	18.1	18.2	18.4							
120	21.0	21.2	21.3	21.1	20.9	20.4	20.8	20.6	20.4	20.5	20.5	20.8							
125	23.7	23.8	23.9	23.7	23.5	23.1	23.5	23.4	23.2	23.2	23.3	23.5							
130	26.3	26.4	26.4	26.3	26.1	25.6	26.1	25.9	25.7	25.7	25.8	26.0							
135	28.7	28.8	28.8	28.7	28.4	28.0	28.6	28.2	28.1	28.0	28.2	28.4							
140	31.0	31.1	31.0	30.9	30.6	30.4	30.9	30.6	30.4	30.3	30.4	30.6							
145	33.1	33.2	33.1	33.0	32.8	32.5	33.1	32.7	32.5	32.4	32.5	32.7							
150	35.0	35.1	35.0	34.9	34.7	34.5	35.1	34.7	34.5	34.4	34.5	34.6							
155	36.8	36.9	36.8	36.8	36.5	36.3	36.9	36.6	36.4	36.2	36.2	36.3							
160	38.4	38.5	38.4	38.4	38.1	38.0	38.6	38.2	38.1	37.9	37.9	37.9							
165	40.0	40.1	39.9	39.9	39.6	39.5	40.2	39.8	39.7	39.4	39.4	39.4							
170	41.4	41.5	41.2	41.2	40.9	40.8	41.5	41.2	41.1	40.9	40.8	40.7							
175	42.5	42.6	42.3	42.3	42.0	42.0	42.6	42.3	42.3	42.0	42.0	41.8							
180	43.1	43.1	42.8	42.8	42.6	42.5	43.3	42.9	42.9	42.7	42.7	42.4							

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-20

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks: