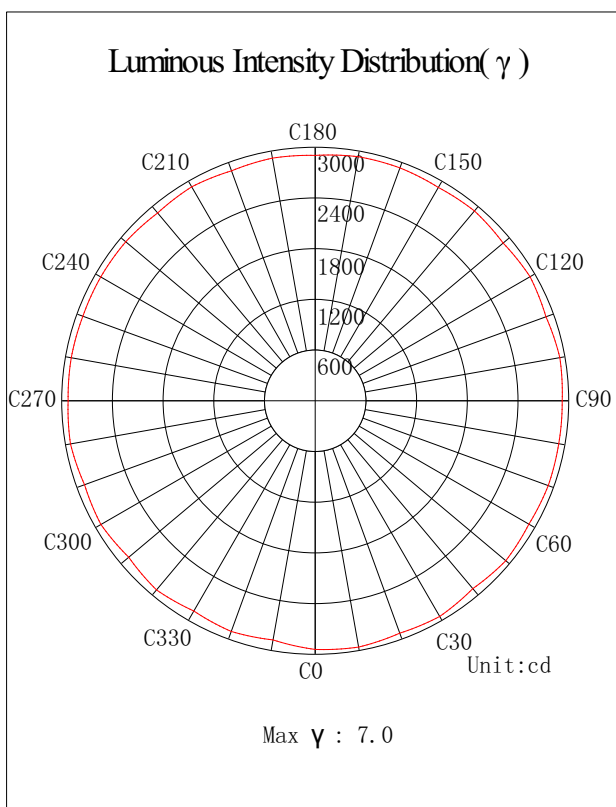
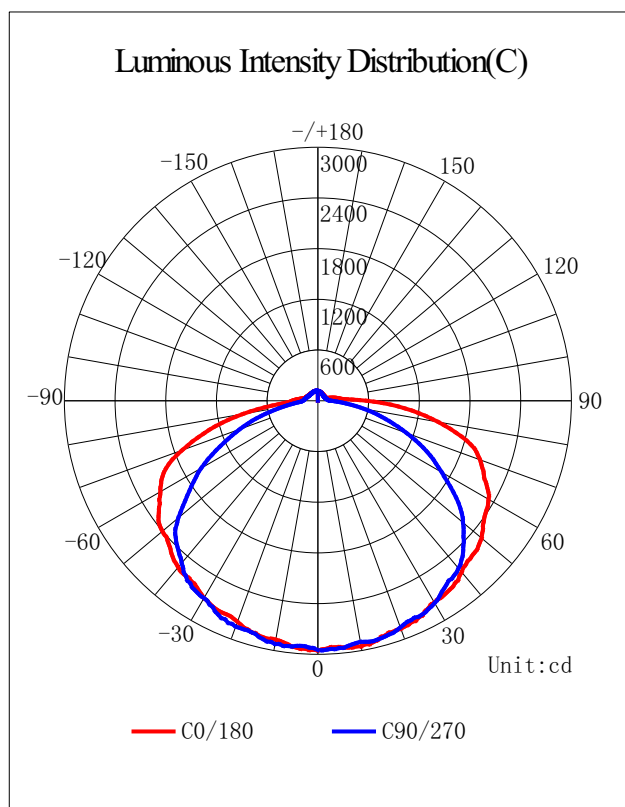


SSP6316-D50: Lamp Space Intensity Distribution

Photometric Data of Luminaire

Lamp Description					
Lamp Name:	POZEEN 6+6PCS SLT822P450-S	Lamp Des:		Lamp Weight:	0.010Kg
Manufac:	STARCO LIGHTING	Lamp Size(cm):	0.0*0.0*0.0	Light Area(cm):	0.0*0.0
Electrical:	U:278.500V I:0.510A P:133.900W			LuminareFlux:	1*0.00 lm

Lamp Test Data			
Lamp Flux:	12277.36 lm	Center Cd.:	2932.1 cd
Max(C, γ):	(10, 7.0)	Maximum Cd.:	2959.3 cd
BeamAngle(50%):	152.0 Deg	BeamAngle(10%):	186.0 Deg
Flux(0-90):	11472.16 lm(93.4%)	Flux(90-180):	805.2 lm(6.6%)
LuminousEfficacy:	91.69 lm/W		



C Angle Range:	0-360Deg	γ Range:	0-180Deg	Test No.:	001
C Precious:	10 Deg	γ Precious:	1 Deg	Tester:	QA Shan
Distance:	5.000 m	Date:	2016-06-04	Time:	16:05:27
Other:					

SSP6316-D50: Lamp Space Intensity Distribution

Zonal Flux Diagram

Zonal Flux Diagram:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Fzone	Ftotal	%lamp	%lum
10	2951.3	2921.9	2897.1	2929.5	2869.6	2921.5	2921.4	2884.5	0-10	278.69	278.69	2.27	2.27
20	2871.4	2837.1	2853.9	2860.9	2782.6	2820.2	2843.8	2786.1	10-20	813.69	1092.38	8.90	8.90
30	2755.9	2728.6	2763.3	2740.6	2696.0	2696.2	2696.7	2657.7	20-30	1284.54	2376.91	19.37	19.37
40	2647.3	2552.9	2587.6	2575.0	2572.3	2523.1	2506.7	2472.9	30-40	1655.11	4032.03	32.85	32.85
50	2529.6	2294.7	2241.4	2350.7	2401.2	2289.5	2156.0	2157.6	40-50	1880.55	5912.58	48.16	48.16
60	2331.9	1904.6	1694.2	1993.2	2152.0	1945.5	1594.3	1775.6	50-60	1884.27	7796.85	63.51	63.51
70	2042.4	1546.5	1117.7	1637.0	1709.3	1592.9	983.4	1410.0	60-70	1693.95	9490.80	77.31	77.31
80	1447.9	1056.1	559.2	1279.6	901.1	1064.4	427.2	702.4	70-80	1305.65	10796.44	87.94	87.94
90	579.1	260.0	161.1	587.1	305.5	287.9	180.2	217.3	80-90	675.71	11472.16	93.45	93.45
100	204.9	106.9	107.6	154.5	168.1	161.1	151.7	143.7	90-100	231.48	11703.64	95.33	95.33
110	104.7	92.2	94.3	96.5	140.1	137.4	132.3	124.1	100-110	136.67	11840.31	96.45	96.45
120	96.6	86.8	89.6	90.4	126.7	124.9	120.8	111.8	110-120	109.28	11949.58	97.34	97.34
130	93.4	85.4	88.9	89.9	120.0	118.3	115.1	106.8	120-130	92.85	12042.43	98.09	98.09
140	95.0	87.5	91.0	92.7	117.1	116.7	114.6	105.3	130-140	78.81	12121.25	98.73	98.73
150	99.2	92.7	95.2	97.4	116.2	117.7	117.2	105.9	140-150	64.86	12186.10	99.26	99.26
160	104.3	100.4	102.7	102.6	116.8	118.8	118.3	107.9	150-160	49.38	12235.48	99.66	99.66
170	108.3	108.1	110.0	107.0	116.4	117.7	117.4	110.0	160-170	31.24	12266.71	99.92	99.92
180	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170-180	10.65	12277.36	100.00	100.00
DEG	LUMINOUS INTENSITY:cd									UNIT:lm			

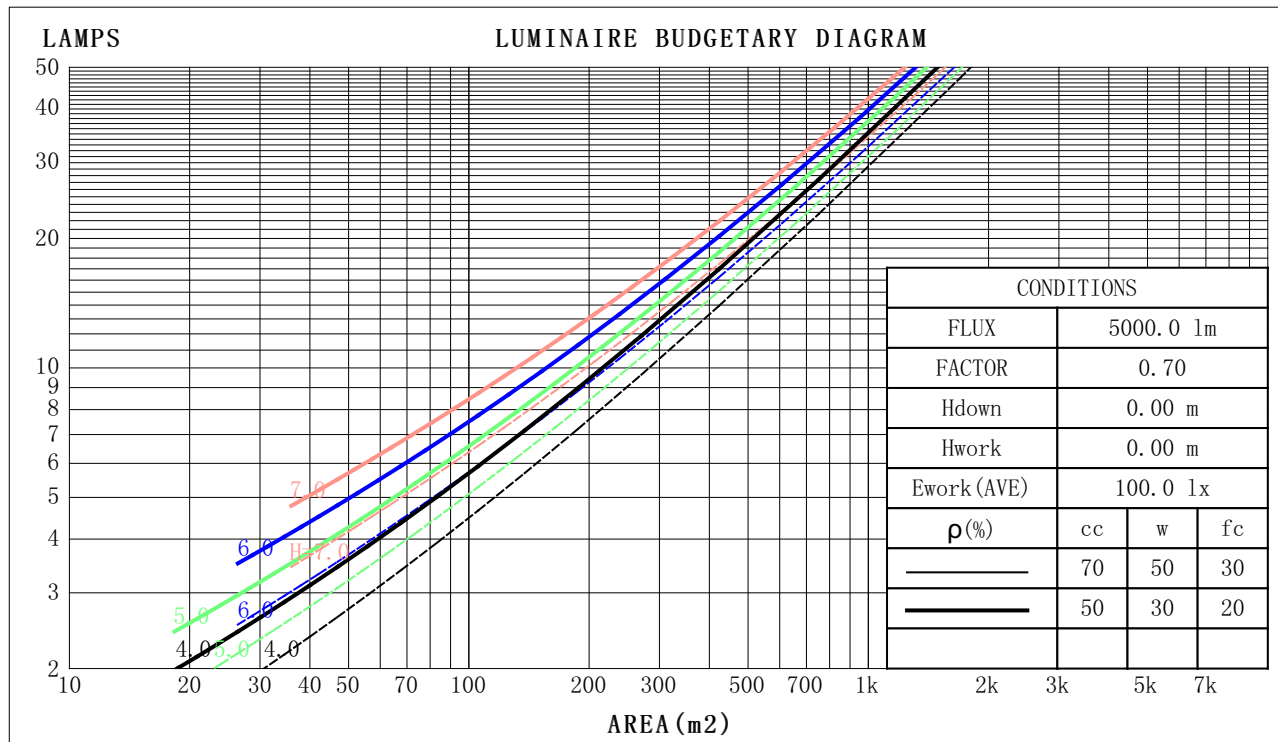
C Angle Range:	0-360Deg	γ Range:	0-180Deg	Test No.:	001
C Precious:	10 Deg	γ Precious:	1 Deg	Tester:	QA Shan
Distance:	5.000 m	Date:	2016-06-04	Time:	16:05:27
Other:					

SSP6316-D50: Lamp Space Intensity Distribution

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Lamp Description					
Lamp Name:	POZEEN 6+6PCS SLT822P450-S	Lamp Des:		Lamp Weight:	0.010Kg
Manufac:	STARCO LIGHTING	Lamp Size(cm):	0.0*0.0*0.0	Light Area(cm):	0.0*0.0
Electrical:	U:278.500V I:0.510A P:133.900W			LuminareFlux:	1*0.00 lm

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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.02	1.02	1.02	.96	.96	.96	.93
1.0	.99	.94	.89	.96	.91	.87	.90	.87	.83	.85	.82	.79	.81	.78	.76	.73
2.0	.84	.77	.70	.82	.75	.69	.77	.71	.66	.73	.68	.63	.69	.65	.61	.58
3.0	.73	.64	.57	.71	.62	.56	.67	.60	.54	.63	.57	.52	.60	.55	.50	.48
4.0	.64	.54	.47	.62	.53	.46	.59	.51	.45	.56	.49	.44	.53	.47	.42	.40
5.0	.57	.47	.40	.55	.46	.39	.52	.44	.38	.49	.43	.37	.47	.41	.36	.34
6.0	.51	.41	.34	.49	.40	.34	.47	.39	.33	.44	.37	.32	.42	.36	.31	.29
7.0	.46	.36	.30	.45	.36	.30	.42	.35	.29	.40	.33	.28	.38	.32	.27	.25
8.0	.41	.33	.26	.40	.32	.26	.39	.31	.26	.37	.30	.25	.35	.29	.24	.22
9.0	.38	.29	.24	.37	.29	.23	.35	.28	.23	.34	.27	.22	.32	.26	.22	.20
10.0	.35	.27	.21	.34	.26	.21	.33	.25	.21	.31	.25	.20	.30	.24	.20	.18



C Angle Range: 0-360Deg γ Range: 0-180Deg Test No.: 001
 C Precious: 10 Deg γ Precious: 1 Deg Tester: QA Shan
 Distance: 5.000 m Date: 2016-06-04 Time: 16:05:27
 Other:



SSP6316-D50: Lamp Space Intensity Distribution

WEC AND CCEC

Lamp Description					
Lamp Name:	POZEEN 6+6PCS SLT822P450-S	Lamp Des:		Lamp Weight:	0.010Kg
Manufac:	STARCO LIGHTING	Lamp Size(cm):	0.0*0.0*0.0	Light Area(cm):	0.0*0.0
Electrical:	U:278.500V I:0.510A P:133.900W			LuminareFlux:	1*0.00 lm

p _{cc}	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)															
0.0																
1.0	.375	.213	.067	.365	.208	.066	.348	.200	.064	.332	.192	.061	.317	.184	.059	
2.0	.334	.183	.056	.326	.179	.055	.310	.172	.054	.296	.166	.052	.283	.160	.050	
3.0	.300	.160	.048	.293	.157	.047	.279	.151	.046	.266	.146	.045	.254	.141	.044	
4.0	.272	.141	.041	.265	.139	.041	.252	.134	.040	.241	.129	.039	.230	.125	.038	
5.0	.247	.126	.037	.242	.124	.036	.230	.120	.035	.220	.116	.035	.210	.112	.034	
6.0	.227	.114	.033	.222	.112	.032	.212	.108	.032	.202	.105	.031	.193	.102	.030	
7.0	.210	.104	.029	.205	.102	.029	.196	.099	.028	.187	.096	.028	.179	.093	.027	
8.0	.194	.095	.027	.190	.094	.026	.182	.091	.026	.174	.088	.025	.167	.086	.025	
9.0	.181	.088	.024	.177	.086	.024	.170	.084	.024	.163	.081	.023	.156	.079	.023	
10.0	.170	.081	.023	.166	.080	.022	.159	.078	.022	.153	.076	.022	.146	.074	.021	

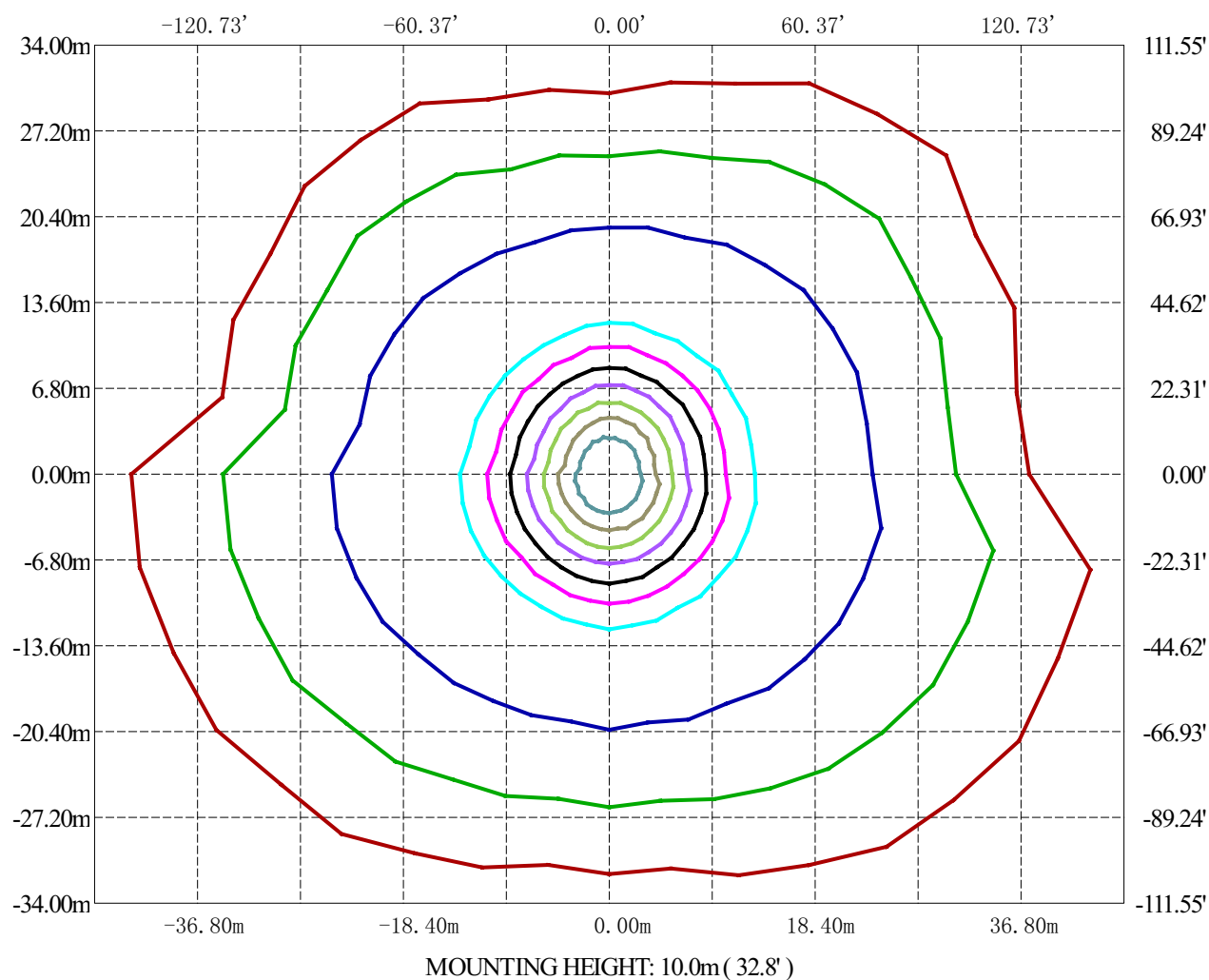
p _{cc}	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.240	.240	.240	.205	.205	.205	.140	.140	.140	.081	.081	.081	.026	.026	.026	
1.0	.235	.206	.180	.201	.177	.155	.138	.122	.107	.079	.070	.062	.025	.023	.020	
2.0	.229	.182	.144	.196	.157	.124	.134	.109	.087	.077	.063	.051	.025	.020	.017	
3.0	.221	.165	.121	.190	.143	.105	.130	.099	.074	.075	.058	.043	.024	.019	.014	
4.0	.214	.153	.106	.183	.132	.092	.126	.092	.065	.073	.054	.038	.023	.018	.013	
5.0	.206	.143	.096	.177	.123	.084	.122	.086	.059	.071	.051	.035	.023	.017	.012	
6.0	.198	.135	.089	.170	.117	.077	.118	.082	.055	.068	.048	.033	.022	.016	.011	
7.0	.191	.128	.083	.164	.111	.073	.114	.078	.052	.066	.046	.031	.021	.015	.010	
8.0	.184	.122	.079	.159	.106	.069	.110	.074	.049	.064	.044	.029	.021	.014	.010	
9.0	.178	.117	.076	.153	.102	.066	.106	.072	.047	.062	.042	.028	.020	.014	.009	
10.0	.172	.113	.074	.148	.098	.064	.103	.069	.046	.060	.041	.027	.019	.013	.009	

C Angle Range: 0-360Deg γ Range: 0-180Deg Test No.: 001
 C Precious: 10 Deg γ Precious: 1 Deg Tester: QA Shan
 Distance: 5.000 m Date: 2016-06-04 Time: 16:05:27
 Other:

SSP6316-D50: Lamp Space Intensity Distribution

ISOLUX Diagram

Lamp Description					
Lamp Name:	POZEEN 6+6PCS SLT822P450-S	Lamp Des:		Lamp Weight:	0.010Kg
Manufac:	STARCO LIGHTING	Lamp Size(cm):	0.0*0.0*0.0	Light Area(cm):	0.0*0.0
Electrical:	U:278.500V I:0.510A P:133.900W			LuminareFlux:	1*0.00 lm



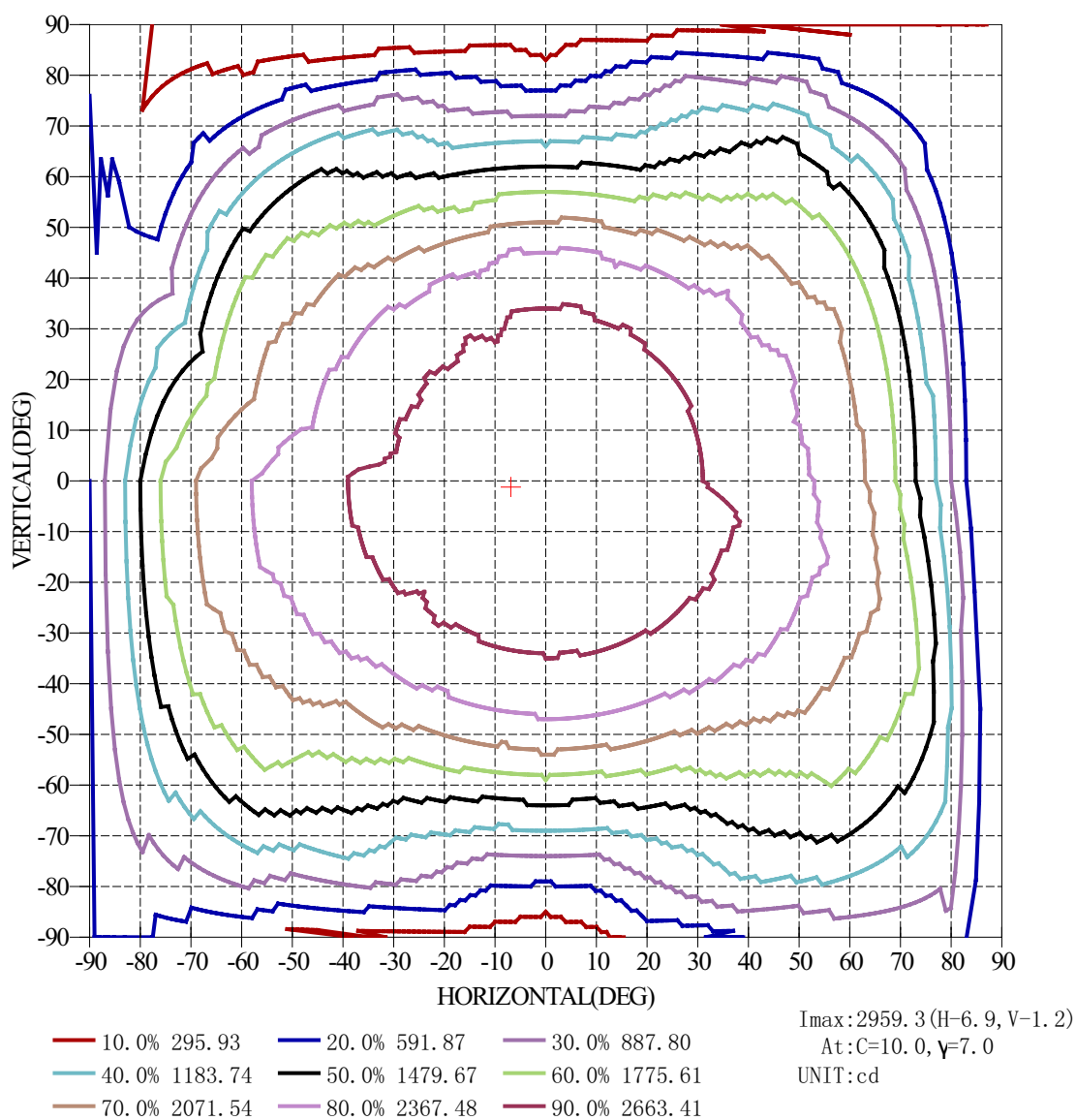
3.0% 0.8796lx 0.0817fc	5.0% 1.4661lx 0.1362fc	10.0% 2.9321lx 0.2724fc
30.0% 8.7963lx 0.8172fc	40.0% 11.7281lx 1.0896fc	50.0% 14.661lx 1.3620fc
60.0% 17.5931lx 1.6344fc	70.0% 20.5251lx 1.9067fc	80.0% 23.457lx 2.1791fc
90.0% 26.389lx 2.4515fc		

C Angle Range:	0-360Deg	γ Range:	0-180Deg	Test No.:	001
C Precious:	10 Deg	γ Precious:	1 Deg	Tester:	QA Shan
Distance:	5.000 m	Date:	2016-06-04	Time:	16:05:27
Other:					

SSP6316-D50: Lamp Space Intensity Distribution

ISOCANDELA Diagram

Lamp Description					
Lamp Name:	POZEEN 6+6PCS SLT822P450-S	Lamp Des:		Lamp Weight:	0.010Kg
Manufac:	STARCO LIGHTING	Lamp Size(cm):	0.0*0.0*0.0	Light Area(cm):	0.0*0.0
Electrical:	U:278.500V I:0.510A P:133.900W			LuminareFlux:	1*0.00 lm

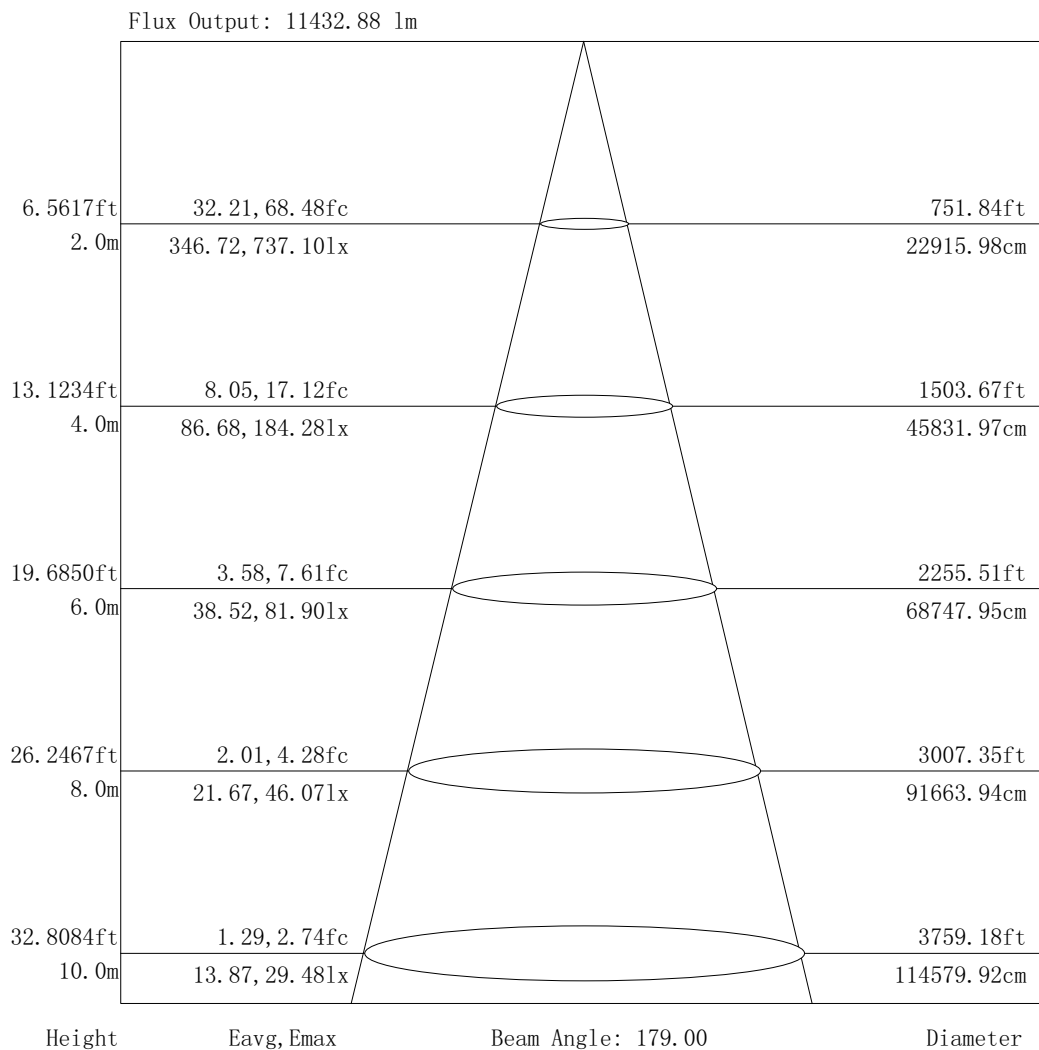


C Angle Range:	0-360Deg	γ Range:	0-180Deg	Test No.:	001
C Precious:	10 Deg	γ Precious:	1 Deg	Tester:	QA Shan
Distance:	5.000 m	Date:	2016-06-04	Time:	16:05:27
Other:					

SSP6316-D50: Lamp Space Intensity Distribution

Effective Average Illuminance Diagram

Lamp Description					
Lamp Name:	POZEEN 6+6PCS SLT822P450-S	Lamp Des:		Lamp Weight:	0.010Kg
Manufac:	STARCO LIGHTING	Lamp Size(cm):	0.0*0.0*0.0	Light Area(cm):	0.0*0.0
Electrical:	U:278.500V I:0.510A P:133.900W			LuminareFlux:	1*0.00 lm



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

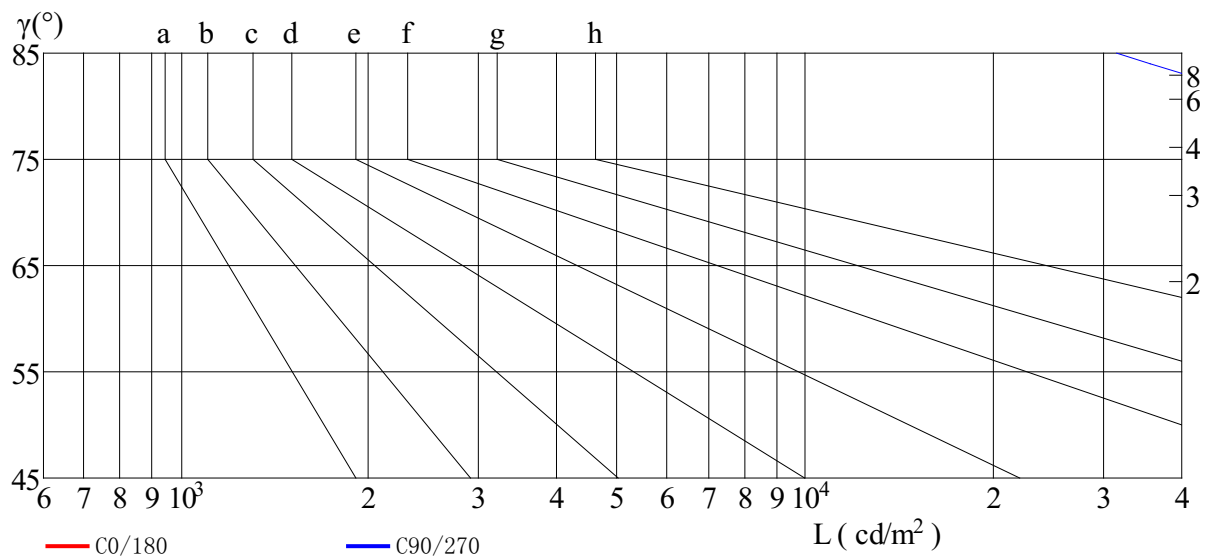
C Angle Range:	0-360Deg	γ Range:	0-180Deg	Test No.:	001
C Precious:	10 Deg	γ Precious:	1 Deg	Tester:	QA Shan
Distance:	5.000 m	Date:	2016-06-04	Time:	16:05:27
Other:					

SSP6316-D50: Lamp Space Intensity Distribution

Luminance Limitation Curves

Lamp Description					
Lamp Name:	POZEEN 6+6PCS SLT822P450-S	Lamp Des:		Lamp Weight:	0.010Kg
Manufac:	STARCO LIGHTING	Lamp Size(cm):	0.0*0.0*0.0	Light Area(cm):	0.0*0.0
Electrical:	U:278.500V I:0.510A P:133.900W			LuminareFlux:	1*0.00 lm

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



C/Gama	85	80	75	70	65	60	55	50	45	Unit
C0	103262	144786	182388	204241	217361	233193	240575	252962	258590	cd/m2
C90	31466	55925	82591	111767	142343	169419	199700	224142	243390	

C Angle Range: 0-360Deg γ Range: 0-180Deg Test No.: 001
 C Precious: 10 Deg γ Precious: 1 Deg Tester: QA Shan
 Distance: 5.000 m Date: 2016-06-04 Time: 16:05:27
 Other:

SSP6316-D50: Lamp Space Intensity Distribution Tester

UTILIZATION FACTORS TABLE

Lamp Description					
Lamp Name:	POZEEN 6+6PCS SLT822P450-S	Lamp Des:		Lamp Weight:	0.010Kg
Manufac:	STARCO LIGHTING	Lamp Size(cm):	0.0*0.0*0.0	Light Area(cm):	0.0*0.0
Electrical:	U:278.500V I:0.510A P:133.900W			LuminareFlux:	1*0.00 lm

REFLECTANCE									
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
ROOM INDEX	UTILIZATION FACTORS (PERFECT) $k(RI) \times RCR = 5$								
$k = 0.60$	51	38	31	50	38	30	48	37	30
0.80	61	48	39	60	47	39	57	46	38
1.00	69	56	48	68	56	47	64	54	46
1.25	77	64	56	74	63	55	71	61	54
1.50	82	70	61	79	69	61	75	66	59
2.00	89	79	71	86	77	70	82	74	67
2.50	93	84	77	91	82	75	85	78	72
3.00	97	89	82	94	86	80	89	82	77
4.00	102	95	89	98	92	87	93	88	83
5.00	104	98	93	101	96	91	95	91	87
ROOM INDEX	UF(total)								
According to BS EN 13032-2004			Suspended				SHRNOM=1.25		

C Angle Range:	0-360Deg	γ Range:	0-180Deg	Test No.:	001
C Precious:	10 Deg	γ Precious:	1 Deg	Tester:	QA Shan
Distance:	5.000 m	Date:	2016-06-04	Time:	16:05:27
Other:					