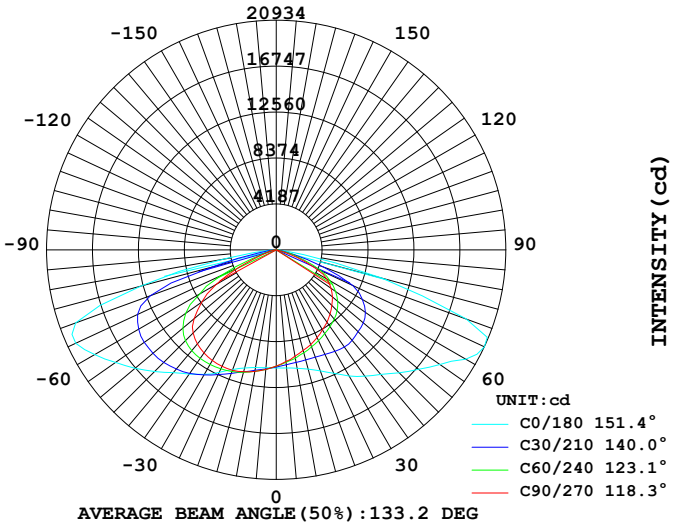
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-300W(57K)T2M	TYPE: 5700K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

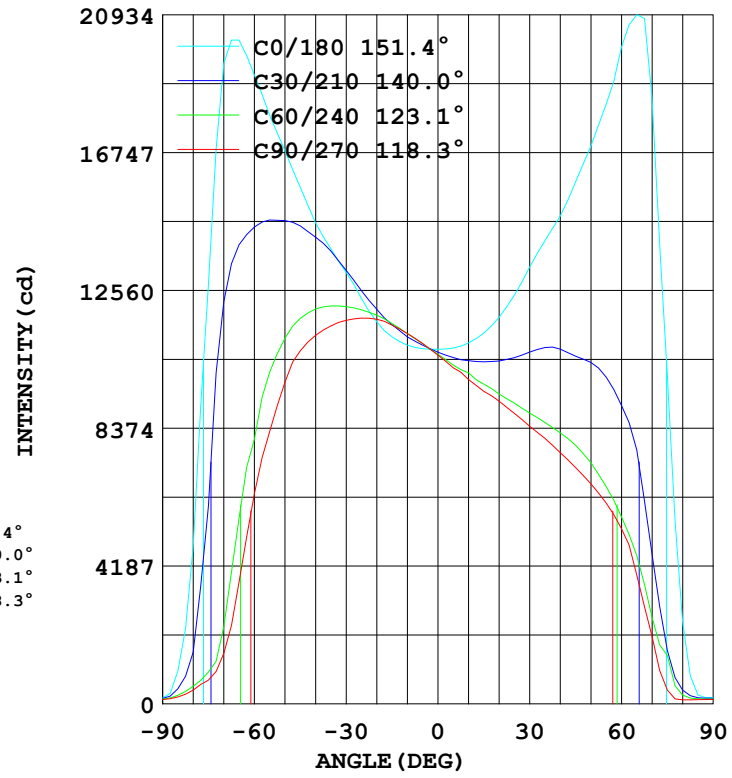
DATA OF LAMP		Imax(cd)	20934	S/MH(C0/180)	2.06
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.62
NOMINAL POWER(W)	300	TOTAL FLUX(lm)	48063	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	159.6	Current(A)	1.310
NOMINAL FLUX(lm)	48062.6	η up(%)	0.0	Power(W)	301.1
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.981
TEST VOLTAGE(V)	220.4	Effictive Flux(lm)	47105.1	EEI	0.087

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):133.2 DEG

LUMINOUS INTENSITY DISTRIBUTION



Temperature:25.3DEG
Operators:
Test Date:03-11-2022

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks:

Color Temperature Data List

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-300W(57K)T2M	TYPE: 5700K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

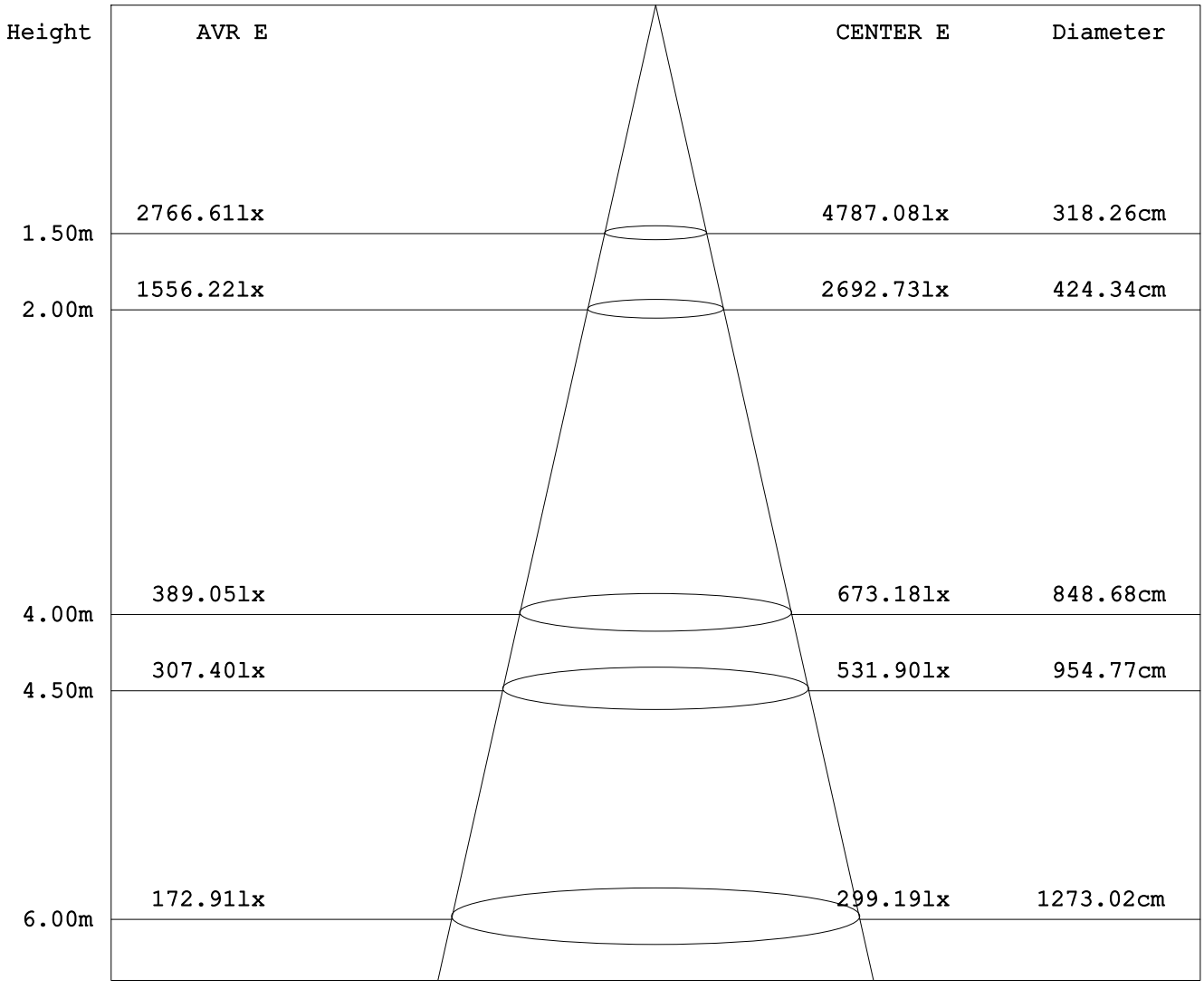
Temperature:25.3DEG
Operators:
Test Date:03-11-2022

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-300W(57K)T2M	TYPE: 5700K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:93.4deg

Temperature:25.3DEG
Operators:
Test Date:03-11-2022

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-300W(57K)T2M	TYPE: 5700K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1079	1097	1095	1089	1081	1046	1021	1039	0- 5	254.8	254.8
10.0	1090	1128	1125	1115	1096	1023	984.9	1013	5- 10	764.1	1019
15.0	1115	1160	1151	1140	1126	1004	949.5	989.2	10- 15	1273	2292
20.0	1161	1194	1169	1170	1174	986.9	919.6	967.5	15- 20	1785	4077
25.0	1232	1228	1172	1199	1241	970.0	882.5	944.1	20- 25	2299	6376
30.0	1311	1260	1165	1223	1328	953.6	843.1	924.1	25- 30	2812	9188
35.0	1382	1285	1148	1242	1407	937.0	806.8	901.4	30- 35	3314	12503
40.0	1461	1296	1120	1246	1482	911.0	763.1	866.9	35- 40	3785	16287
45.0	1569	1285	1073	1233	1586	864.2	717.7	838.1	40- 45	4210	20497
50.0	1680	1247	977.0	1195	1694	829.8	668.9	792.9	45- 50	4569	25066
55.0	1788	1169	826.4	1112	1822	763.4	609.8	733.6	50- 55	4815	29881
60.0	1910	1063	637.8	959.3	1995	672.5	532.4	652.8	55- 60	4920	34801
65.0	2016	758.7	369.0	658.0	2093	553.2	390.8	543.7	60- 65	4789	39591
70.0	1946	319.9	153.1	220.2	1842	360.8	205.9	378.6	65- 70	4139	43730
75.0	1274	87.32	72.06	79.34	995.3	157.5	42.09	164.0	70- 75	2732	46461
80.0	478.8	46.86	42.12	42.25	250.0	53.64	12.26	57.44	75- 80	1160	47622
85.0	99.32	21.67	21.01	20.00	26.92	22.63	12.70	22.70	80- 85	333.0	47955
90.0	18.41	13.73	13.52	13.68	19.46	17.72	13.54	17.28	85- 90	107.7	48063
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm	

Temperature:25.3DEG
Operators:
Test Date:03-11-2022

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks:

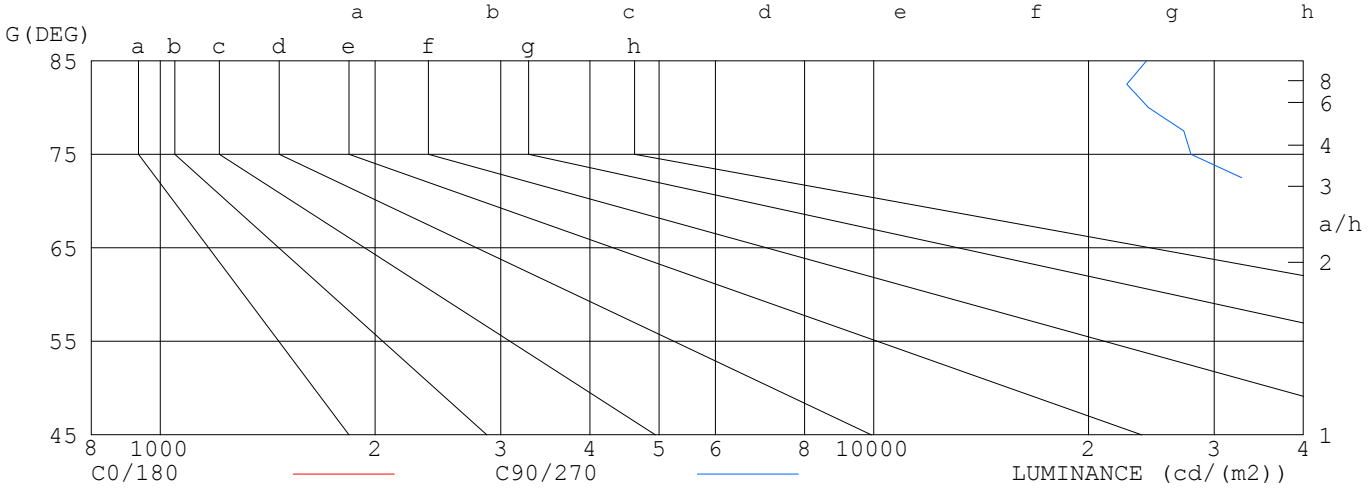
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-300W(57K)T2M	TYPE: 5700K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

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



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	113958	24117
80	275756	24261
75	492146	27843
70	568923	44793
65	477114	87316
60	382042	127572
55	311795	144087
50	261428	152001
45	221923	151712

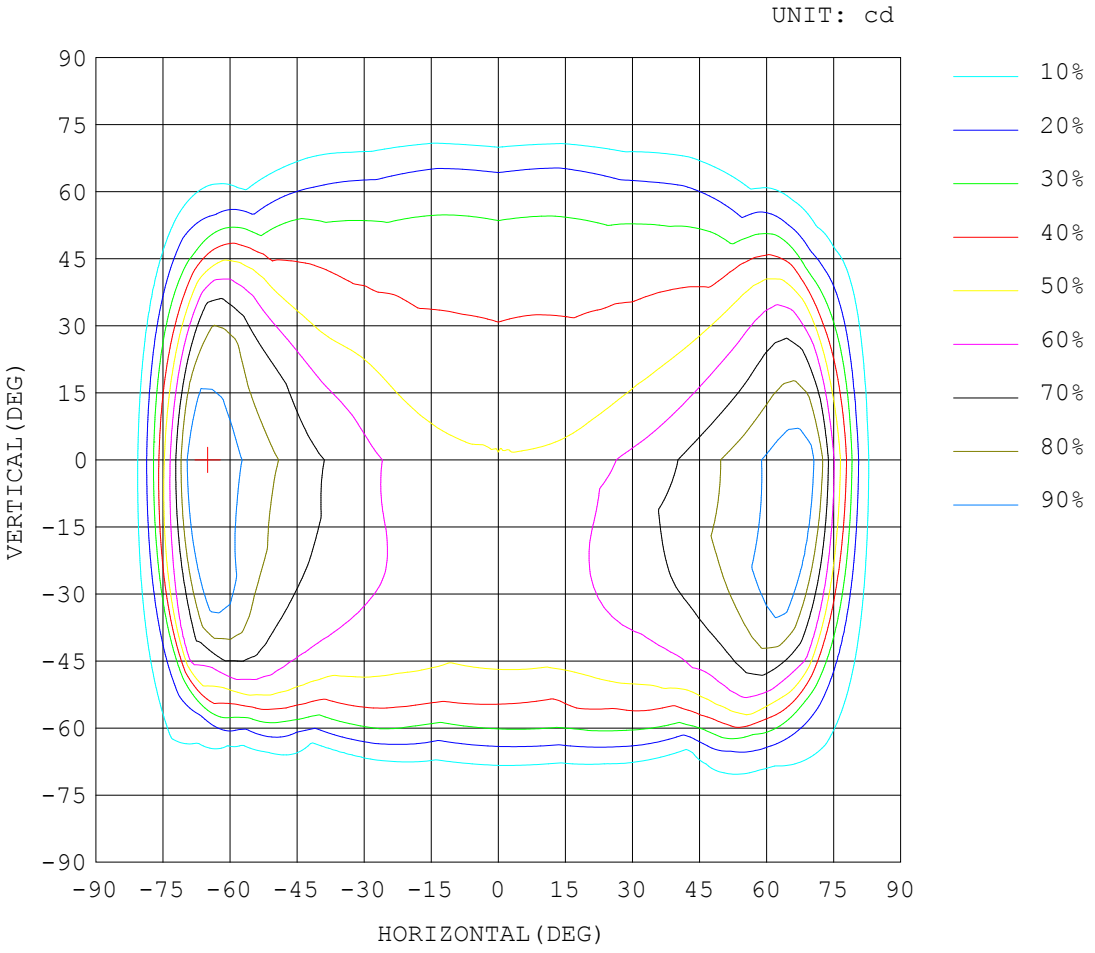
Temperature:25.3DEG
Operators:
Test Date:03-11-2022

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-300W(57K)T2M	TYPE: 5700K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Temperature:25.3DEG
Operators:
Test Date:03-11-2022

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks: