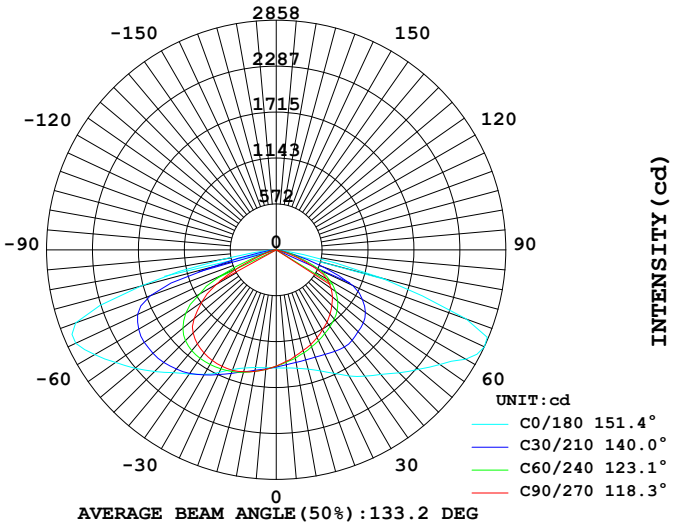
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-40W(57K)T2M	TYPE: 5700K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

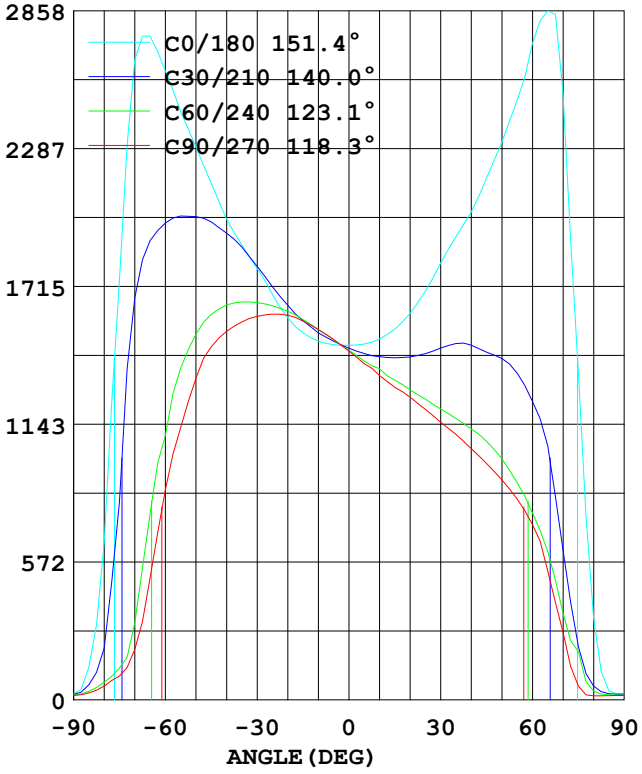
DATA OF LAMP		Imax(cd)	2858	S/MH(C0/180)	2.06
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.62
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	6562.6	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	161.5	Current(A)	0.176
NOMINAL FLUX(lm)	6562.6	η up(%)	0.0	Power(W)	40.63
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.980
TEST VOLTAGE(V)	220.4	Effictive Flux(lm)	6431.9	EEI	0.086

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-40W(57K)T2M	TYPE: 5700K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

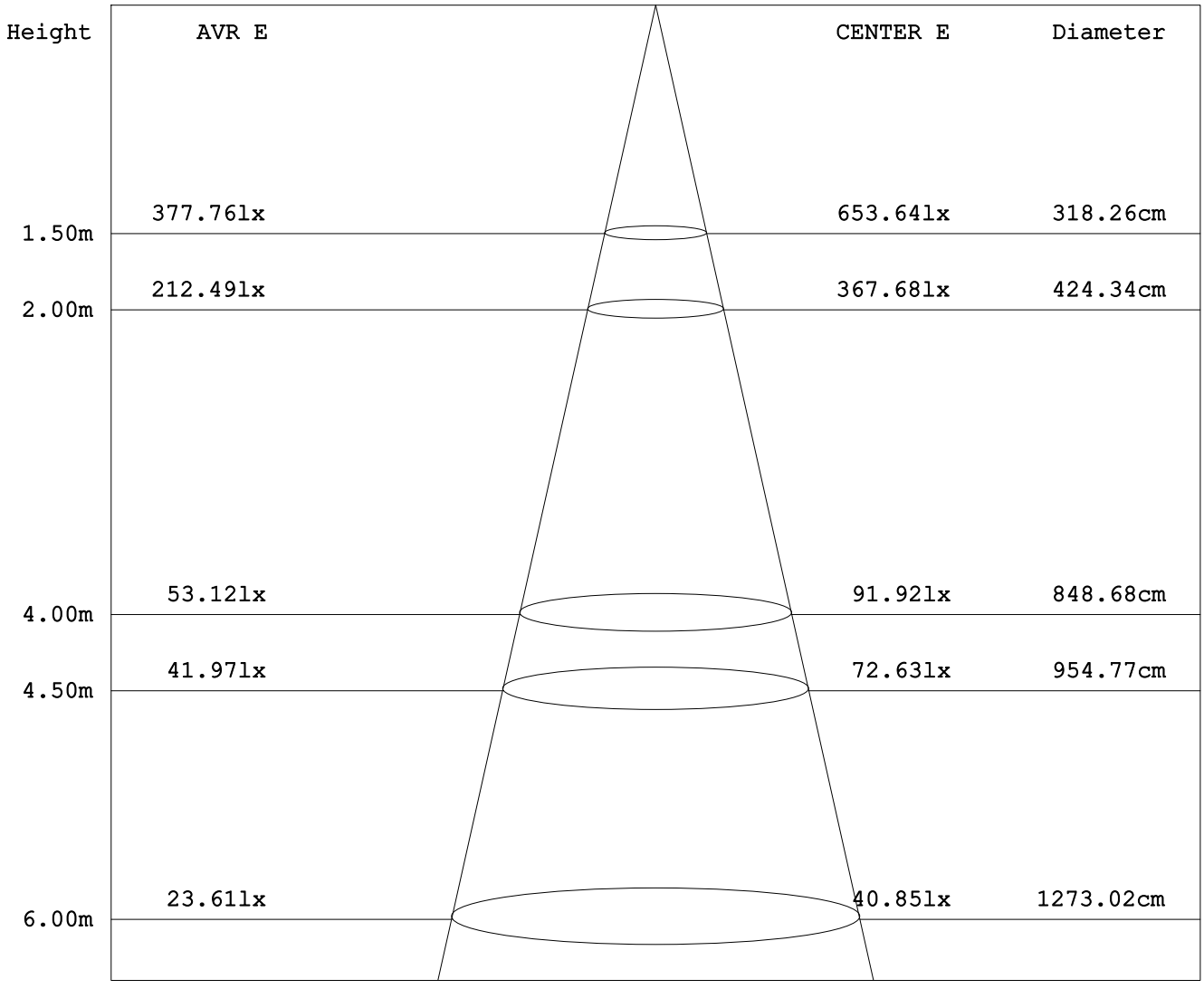
Temperature:25.3DEG
Operators:
Test Date:03-11-2022

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-40W(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-40W(57K)T2M	TYPE: 5700K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1473	1498	1495	1487	1476	1428	1394	1418	0- 5	34.80	34.80
10.0	1488	1540	1536	1523	1497	1397	1345	1383	5- 10	104.3	139.1
15.0	1523	1583	1571	1557	1538	1371	1296	1351	10- 15	173.8	313.0
20.0	1586	1630	1596	1597	1603	1348	1256	1321	15- 20	243.6	556.7
25.0	1682	1677	1600	1637	1695	1325	1205	1289	20- 25	313.8	870.5
30.0	1790	1720	1591	1670	1813	1302	1151	1262	25- 30	384.0	1255
35.0	1887	1754	1567	1695	1921	1280	1102	1231	30- 35	452.5	1707
40.0	1995	1770	1529	1702	2024	1244	1042	1184	35- 40	516.7	2224
45.0	2143	1754	1465	1683	2166	1180	980.0	1144	40- 45	574.7	2799
50.0	2295	1702	1334	1632	2313	1133	913.3	1083	45- 50	623.8	3423
55.0	2442	1596	1128	1519	2488	1042	832.7	1002	50- 55	657.4	4080
60.0	2608	1452	870.9	1310	2723	918.3	727.0	891.4	55- 60	671.7	4752
65.0	2753	1036	503.8	898.5	2858	755.4	533.7	742.5	60- 65	653.9	5406
70.0	2657	436.8	209.1	300.7	2515	492.6	281.2	516.9	65- 70	565.1	5971
75.0	1739	119.2	98.39	108.3	1359	215.0	57.47	224.0	70- 75	373.0	6344
80.0	653.8	63.98	57.52	57.69	341.4	73.25	16.74	78.43	75- 80	158.4	6502
85.0	135.6	29.59	28.70	27.32	36.75	30.90	17.35	31.00	80- 85	45.47	6548
90.0	25.14	18.75	18.46	18.68	26.57	24.19	18.48	23.59	85- 90	14.71	6563
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:cd									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:

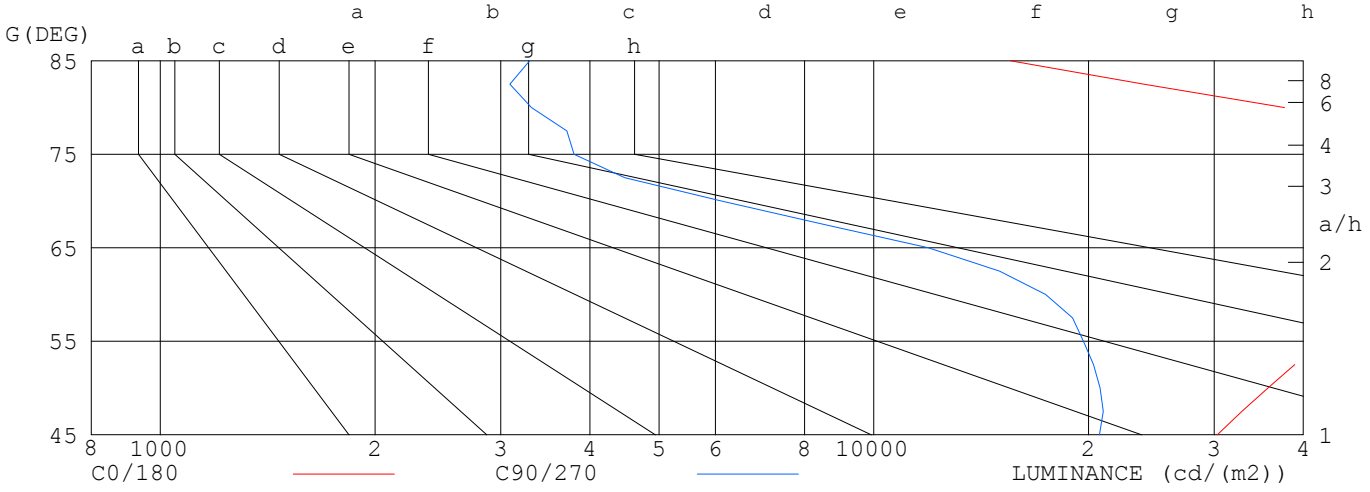
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-40W(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	15560	3293
80	37653	3313
75	67199	3802
70	77683	6116
65	65147	11922
60	52165	17419
55	42573	19674
50	35696	20755
45	30302	20715

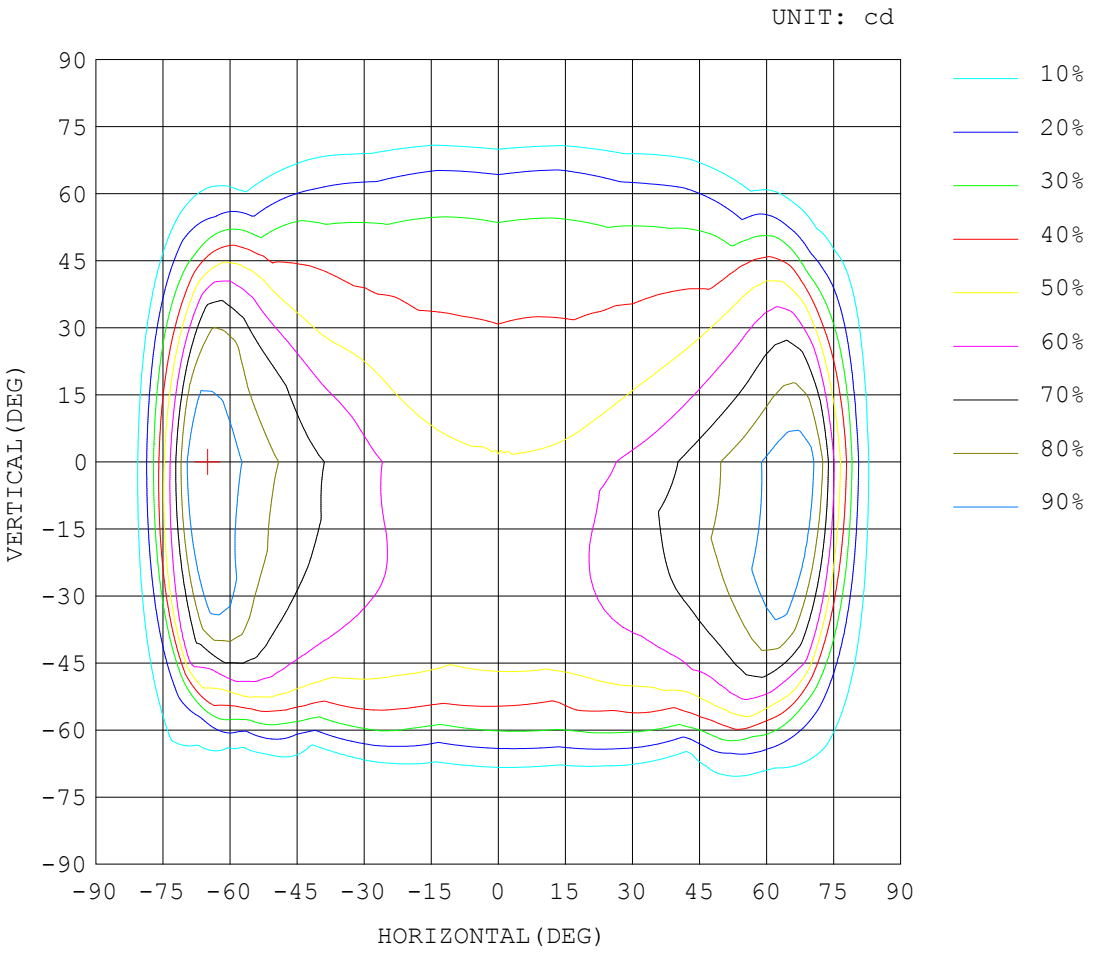
Temperature:25.3DEG
Operators:
Test Date:03-11-2022

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-40W(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: