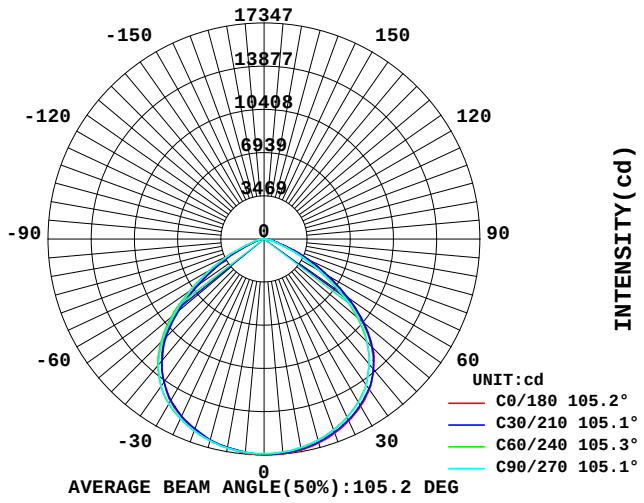
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: CES-EX-D-GBX-C-300		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

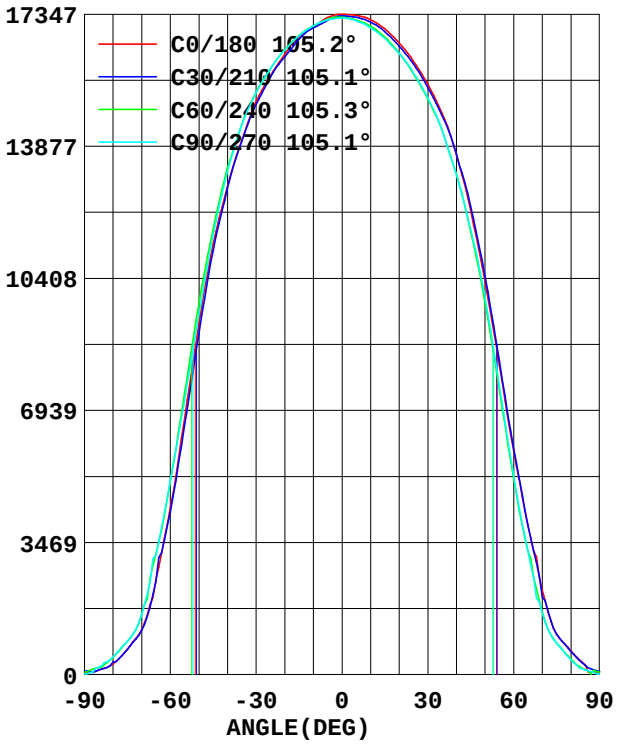
DATA OF LAMP		Imax(cd)	17347	S/MH(C0/180)	1.28
MODEL	CES-EX-D-GBX-C-300	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	294	TOTAL FLUX(lm)	42543.6	Voltage(V)	214.6
RATED VOLTAGE(V)	214	EFFICIENCY(lm/W)	144.9	Current(A)	1.394
NOMINAL FLUX(lm)	42543.6	η up(%)	0.0	Power(W)	293.7
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.981
TEST VOLTAGE(V)	214.6	Effictive Flux(lm)	41317.3	EEI	0.097

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):105.2 DEG

LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER:			
Address:			
NAME: CES-EX-D-GBX-C-300		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

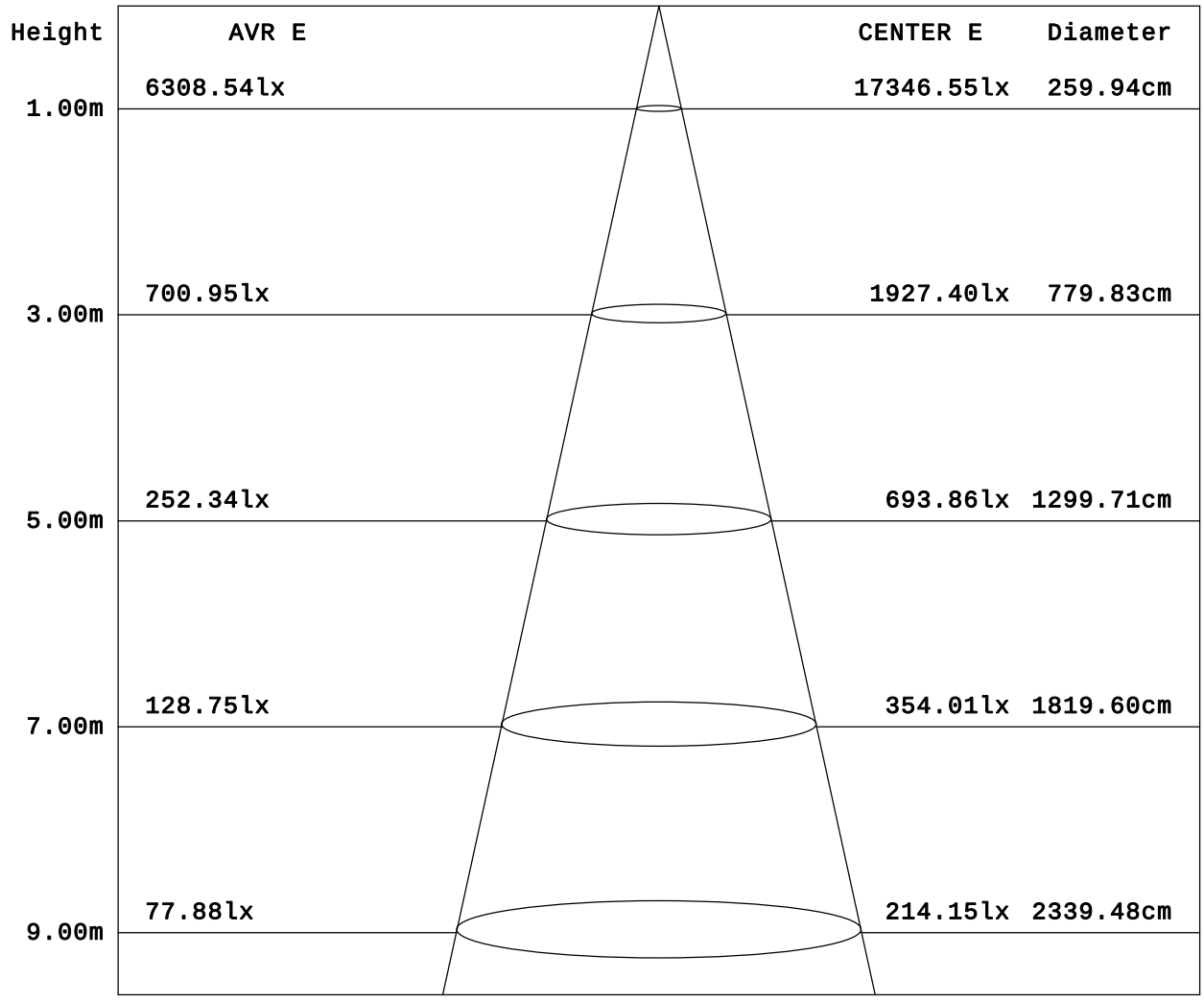
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: CES-EX-D-GBX-C-300		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Angle:104.9deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: CES-EX-D-GBX-C-300		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1726	1720	1720	1718	1732	1723	1717	1713	0- 5	411.9	411.9
10.0	1701	1701	1704	1706	1720	1709	1699	1693	5- 10	1225	1637
15.0	1674	1674	1678	1683	1696	1682	1671	1662	10- 15	2005	3642
20.0	1629	1631	1640	1647	1659	1641	1631	1621	15- 20	2730	6373
25.0	1572	1580	1591	1599	1611	1592	1581	1566	20- 25	3380	9753
30.0	1506	1513	1529	1537	1552	1527	1515	1502	25- 30	3933	13686
35.0	1403	1422	1444	1459	1475	1449	1431	1400	30- 35	4357	18043
40.0	1280	1304	1320	1340	1365	1341	1312	1280	35- 40	4595	22638
45.0	1131	1143	1157	1183	1221	1197	1172	1138	40- 45	4609	27248
50.0	921.2	932.8	945.3	985.3	1034	1011	992.3	952.2	45- 50	4329	31577
55.0	668.3	694.3	716.1	758.6	811.7	786.2	757.9	710.9	50- 55	3717	35294
60.0	438.3	466.4	510.4	549.2	591.6	557.1	527.5	469.8	55- 60	2875	38169
65.0	249.6	280.0	313.2	356.4	392.7	358.1	324.9	298.4	60- 65	2006	40175
70.0	116.5	135.9	154.8	192.7	221.7	184.7	161.3	128.0	65- 70	1200	41375
75.0	67.26	76.71	87.74	99.92	107.0	95.49	84.02	70.17	70- 75	617.3	41993
80.0	28.39	39.24	46.93	58.93	62.67	51.12	39.49	27.70	75- 80	343.1	42336
85.0	11.54	15.26	18.79	25.72	25.38	18.70	12.25	8.950	80- 85	156.8	42493
90.0	6.836	7.488	1.514	6.577	6.836	7.488	1.514	6.577	85- 90	50.72	42544
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	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks:

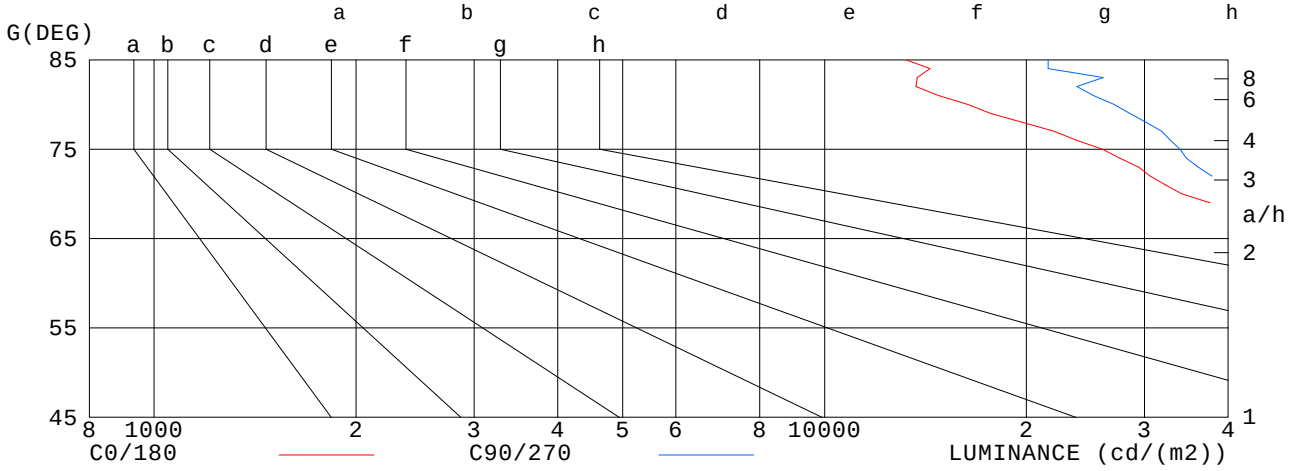
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: CES-EX-D-GBX-C-300		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	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	13244	21561
80	16349	27027
75	25988	33903
70	34082	45277
65	59074	74120
60	87663	102088
55	116520	124850
50	143314	147077
45	159965	163593

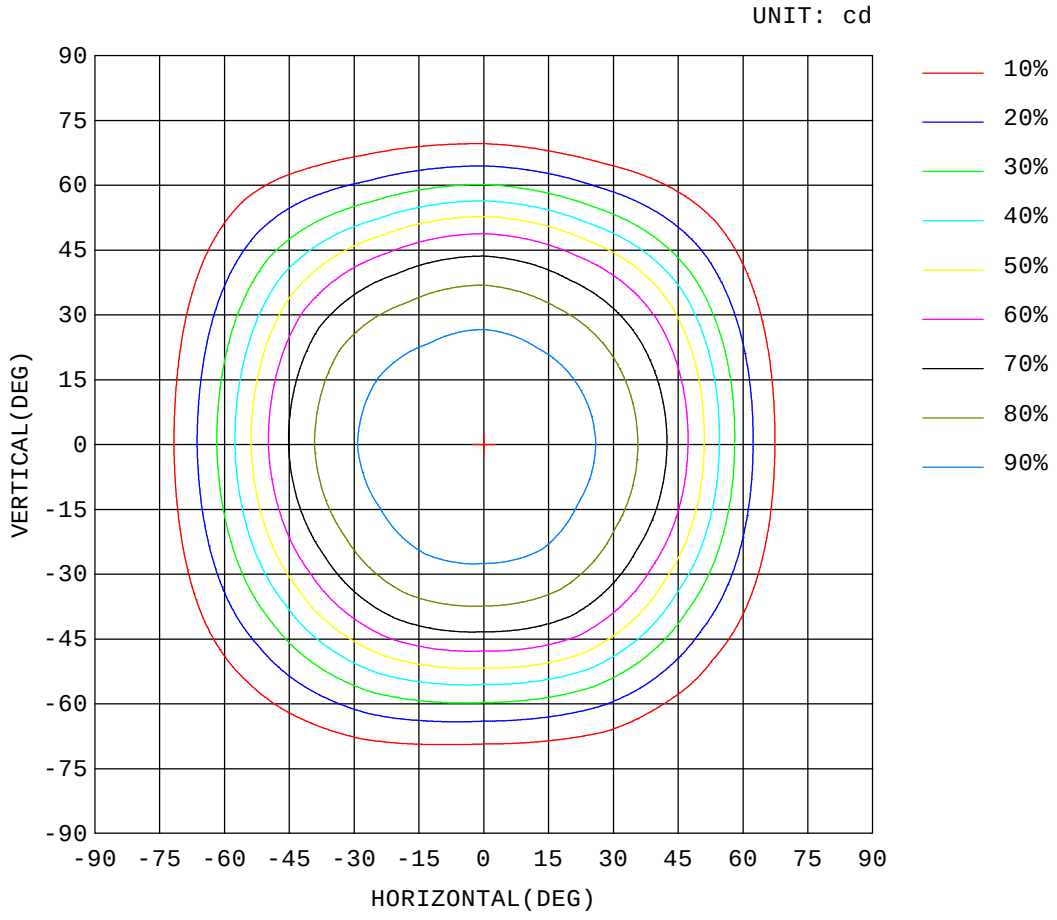
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: CES-EX-D-GBX-C-300		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:

Test Set: 5.0deg/s C-Gamma (TYPE C)
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