

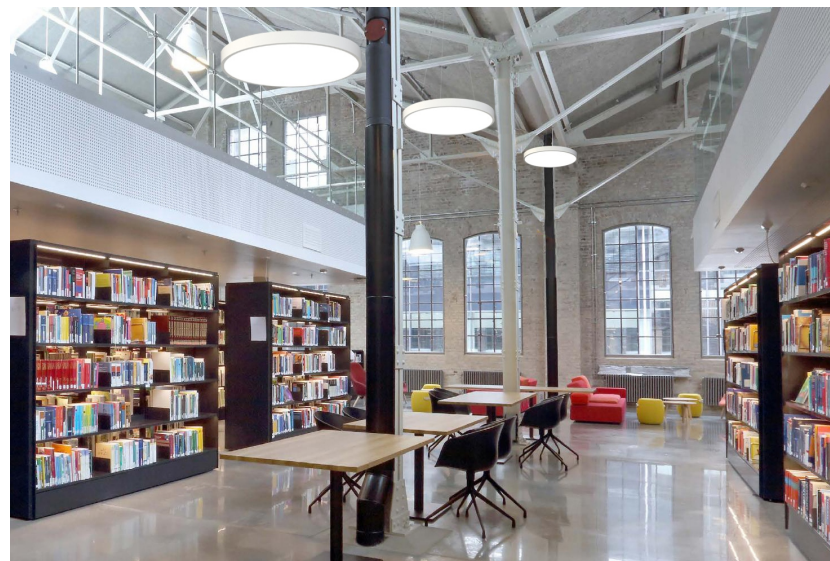
Lafayette LED Light

Description:

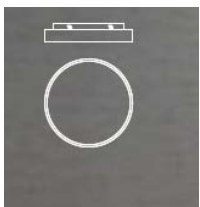
Our Lafayette LED Light is a beautiful stand alone fixture with various size and wattage options. Perfect for any dining area, office, restaurant, or residential space.

Features:

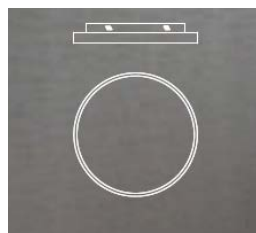
- Input Power: 120V
- Wattage: 24W, 46W, or 80W.
- Lumens: 86 LM/W
- CRI >90
- Available Color Options: 2700K, 3000K, 4000K, 5000K, 6500K.
- Finish Option: Standard Black or White.
- Operating Temperature: -4°F ~ 104°F
- L70 Lifetime: >50,000 hours
- Lighting controls option available.
- 7 Year Warranty



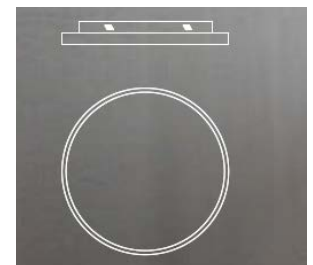
Dimensions:



24 W / 15.7IN x 3.9IN



46 W / 23.6IN x 3.9IN



80 W / 31.5IN x 3.9IN



Date: _____
Project: _____
Price: _____

Ordering Key:

ILPNLLFDL				
SERIES NUMBER	WATTAGE/LUMENS	CCT	FINISH	ADDITIONAL OPTIONS
ILPNLLFDL	24W - 2,064LM	27 - 2700K	WH - WHITE	DM - 0-10V DIMMING
	46W - 3,956LM	3 - 3000K	BL - BLACK	T - TRIAC DIMMING
	80W - 6,880LM	4 - 4000K		
		5 - 5000K		
		65 - 6500K		

SAMPLE ITEM NUMBER: ILPNLLFDL 24W 4 BL

Electrical Data:

- **Input Power:** Stays consistent over life.
- **Input Voltage:** 120-277V
- **CRI:** >90
- **Operating Temperature:** -4°F ~ 104°F
- **L70 Lifetime:** >50,000 hours.

Optical System:

- A unique combination of reflective & refractive optical components achieves a uniform, comfortable look while eliminating pixelation & color fringing.
- Parts work in unison to optimize light distribution, balancing the high delivery of high illuminance levels on horizontal surfaces with an ideal amount of light on walls and vertical surfaces, increasing perception of spaciousness.

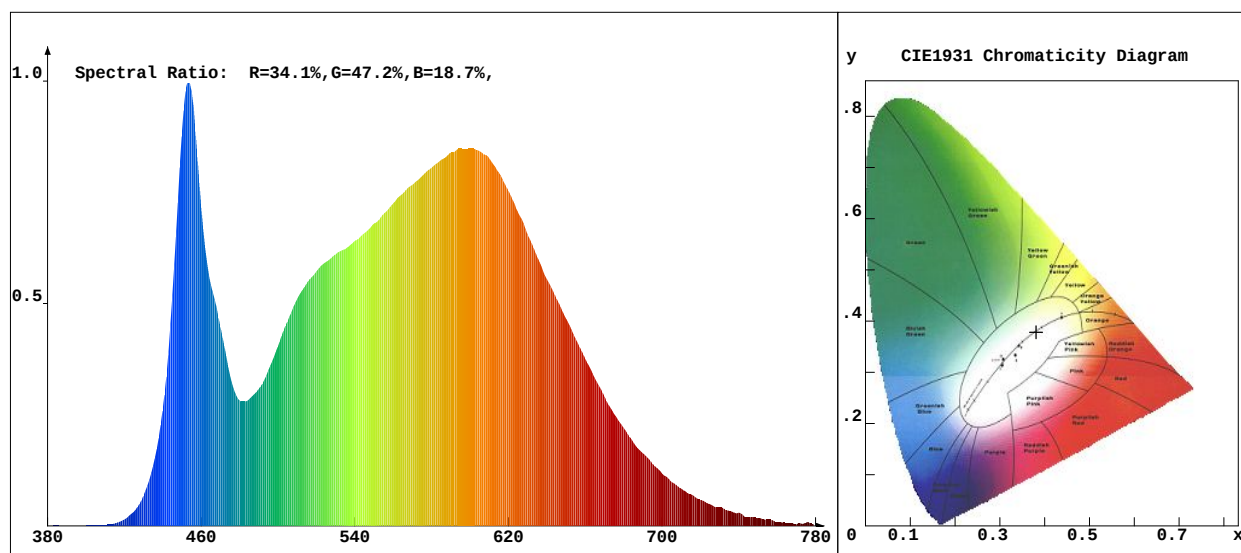


LED Test Report

Product Mark

Product Type :24W
Temperature :co.Ltd'C
Remark:

Manufacturer :i-LUMINOSITY
Humidity :65%
Test Date :2019-04-29 08:53:37



Chroma Parameters

Chro.Coord.:x=0.3812 y=0.3787 u=0.2248 v=0.3350 duv=0.0007
CCT: 3995K Dominant Wave.:578.7nm Purity:28.1%
Flux RGB Ratio:R=18.7%,G=78.7%,B=2.6% Peak Wave:453.5nm Half Width:22.6nm

Rendering Index:Ra= 84.9

R1 =84	R2 =92	R3 =96	R4 =83	R5 =84	R6 =88	R7 =86	R8 =67
R9 =17	R10=79	R11=82	R12=62	R13=86	R14=98	R15=78	

Photo Parameters

Flux:1977.45lm Effi.:88.9lm/W Radiant:5684.3mW Iv:0.0mcd
Efficiency:0.153 Effi Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=220.100V Current:I=0.1060A
Power:P=22.24W Power Factor:PF=0.946

Lamp Parameters

Voltage:U=0.000V Current:I=0.0000A Power:P=0.00W
Power Factor:PF=1.000 Efficacy:0.0lm/W

Instrument state

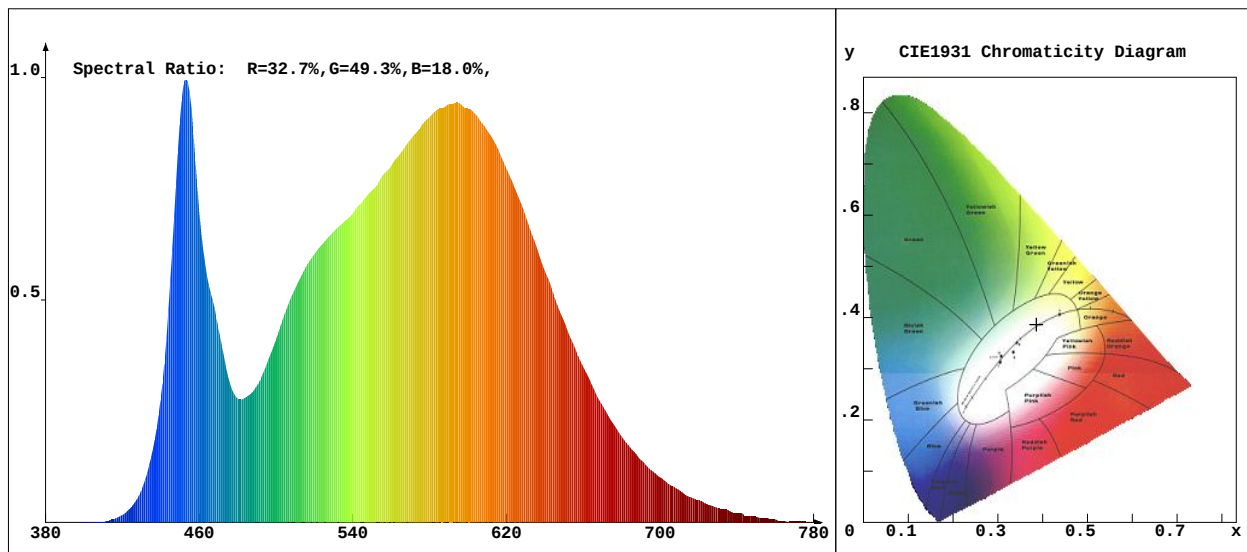
Instrument:Hopoo HP8000 Integral Time: 37.918ms VPeak: 13669
VDark: 1152 Product ID: 201405623

LED Test Report

Product Mark

Product Type :46W
Temperature :intevision'C
Remark:

Manufacturer :i-LUMINOSITY
Humidity :65%
Test Date :2019-04-29 10:16:47



Chroma Parameters

Chro.Coor.:x=0.3860 y=0.3863 u=0.2250 v=0.3377 duv=0.0028
CCT: 3923K Dominant Wave.:578.0nm Purity:31.8%
Flux RGB Ratio:R=18.1%,G=79.5%,B=2.4% Peak Wave:452.6nm Half Width:22.6nm

Rendering Index:Ra= 81.2

R1 =79 R2 =89 R3 =96 R4 =79 R5 =79 R6 =85 R7 =85 R8 =60
R9 =-1 R10=73 R11=77 R12=57 R13=81 R14=98 R15=72

Photo Parameters

Flux:4699.61lm Effi.:108.1lm/W Radiant:13253.9mW Iv:0.0mcd
Efficiency:0.126 Effi Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=219.700V Current:I=0.2040A
Power:P=43.46W Power Factor:PF=0.969

Lamp Parameters

Voltage:U=0.000V Current:I=0.0000A Power:P=0.00W
Power Factor:PF=1.000 Efficacy:0.0lm/W

Instrument state

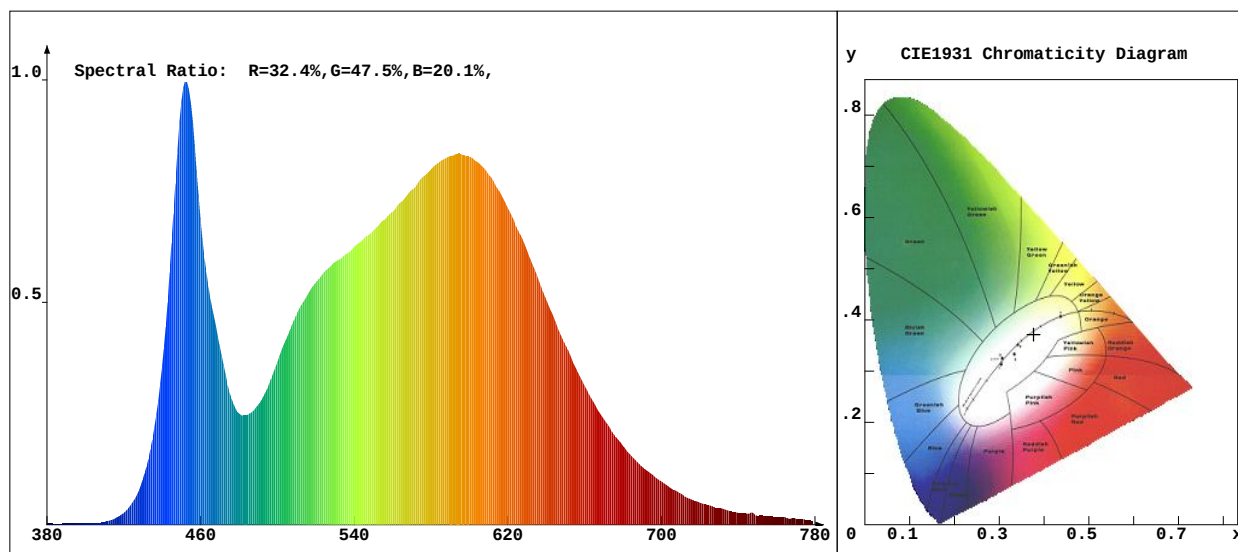
Instrument:Hopoo HP8000 Integral Time: 16.406ms VPeak: 13221
VDark: 1166 Product ID: 201405623

LED Test Report

Product Mark

Product Type :80W
Temperature :co.Ltd'C
Remark:

Manufacturer :i-LUMINOSITY
Humidity :65%
Test Date :2019-03-21 08:48:09



Chroma Parameters

Chro.Coord.:x=0.3766 y=0.3716 u=0.2246 v=0.3325 duv=-0.0013
CCT: 4071K Dominant Wave.:579.6nm Purity:24.5%
Flux RGB Ratio:R=18.2%,G=79.2%,B=2.6% Peak Wave:452.4nm Half Width:22.6nm

Rendering Index:Ra= 82.9

R1 =82 R2 =90 R3 =95 R4 =81 R5 =82 R6 =85 R7 =85 R8 =64
R9 =8 R10=75 R11=80 R12=60 R13=84 R14=97 R15=76

Photo Parameters

Flux:11978.70lm Effi.:106.7lm/W Radiant:29314.4mW Iv:0.0mcd
Efficiency:0.128 Effi Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=220.000V Current:I=0.5250A
Power:P=112.30W Power Factor:PF=0.971

Lamp Parameters

Voltage:U=0.000V Current:I=0.0000A Power:P=0.00W
Power Factor:PF=1.000 Efficacy:0.0lm/W

Instrument state

Instrument:Hopoo HP8000 Integral Time: 7.078ms VPeak: 13509
VDark: 1045 Product ID: 201405623

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

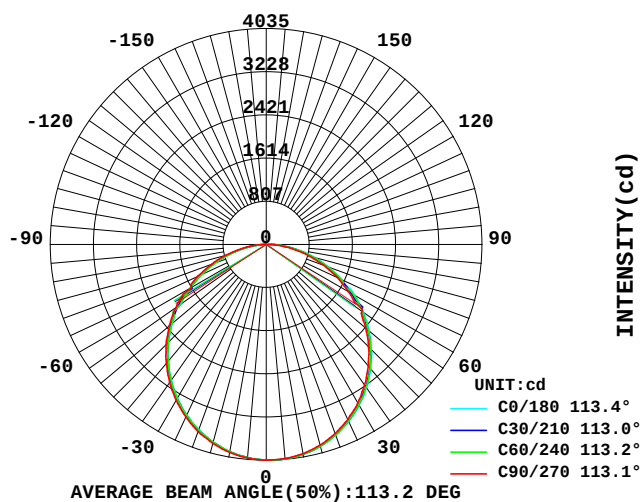
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: _____

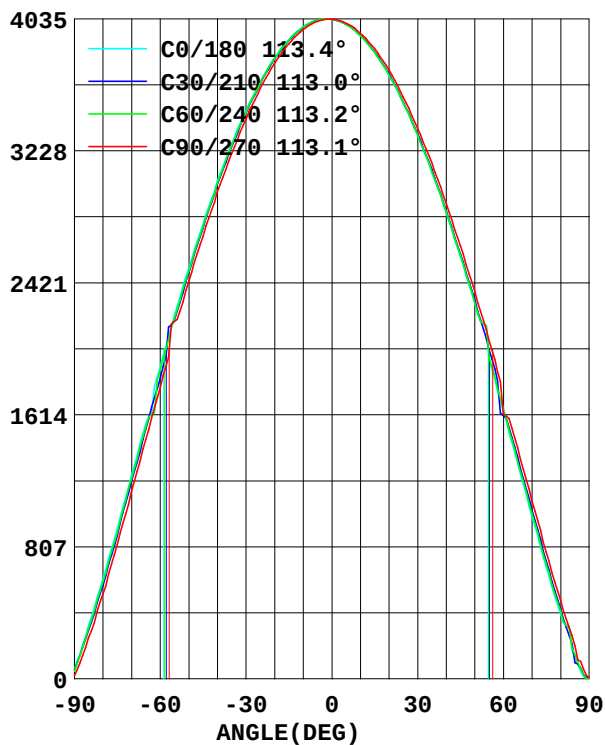
MANUFACTURER:			
Address:			
		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	4035	S/MH(C0/180)	1.28
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	110	TOTAL FLUX(lm)	11577	Voltage(V)	219.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/w)	103.2	Current(A)	0.525
NOMINAL FLUX(lm)	11576.5	η up(%)	0.0	Power(W)	112.1
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.971
TEST VOLTAGE(V)	219.9	Effective Flux(lm)	11403.8	EEI	0.134

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOP00 HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2019/03/21/

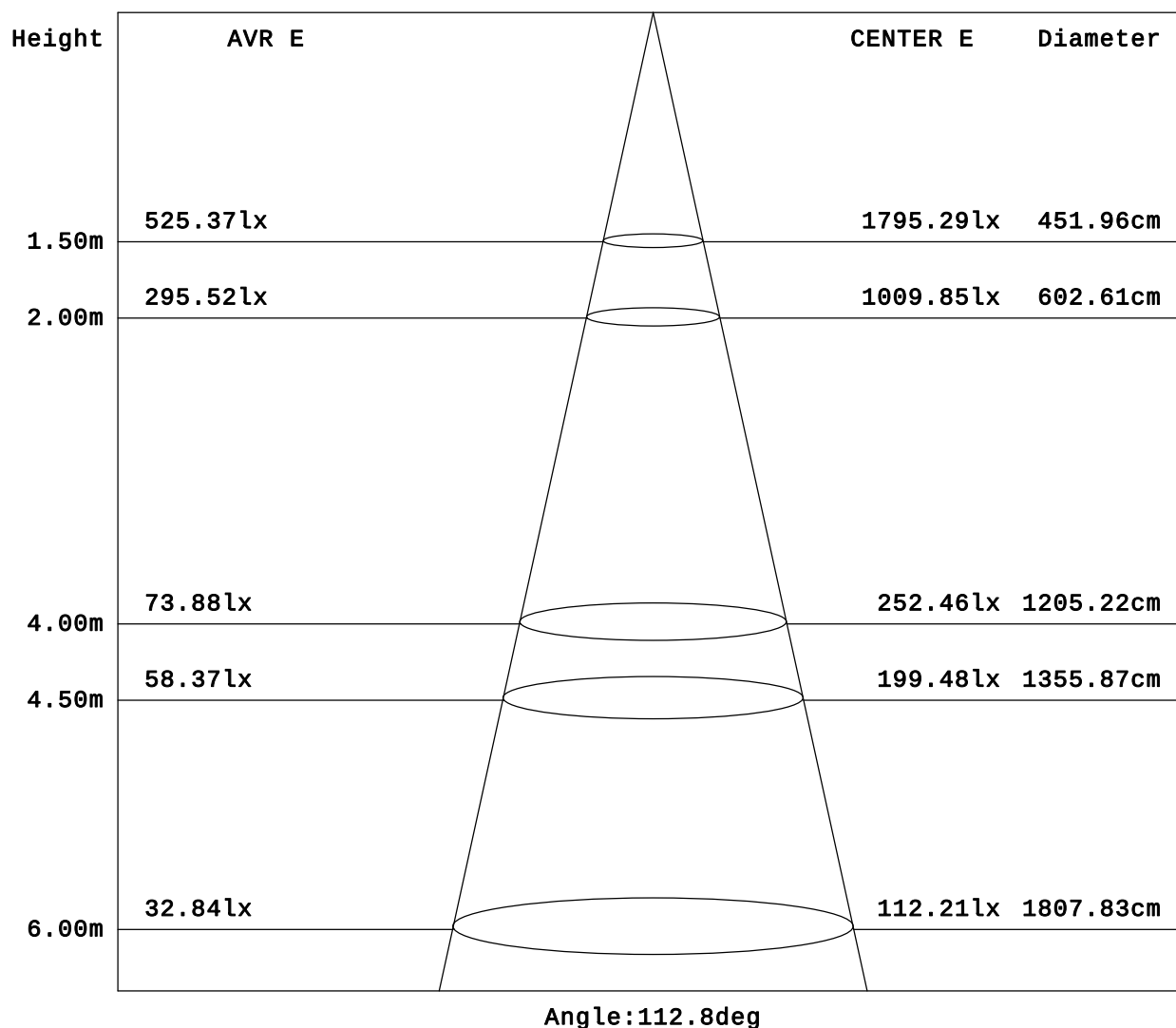
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2019/03/21

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	4028	4026	4019	4013	3999	4000	4007	4014	0- 5	96.18	96.18
10.0	3987	3984	3970	3958	3930	3933	3947	3960	5- 10	285.1	381.3
15.0	3908	3902	3882	3863	3828	3832	3852	3872	10- 15	464.2	845.5
20.0	3796	3789	3762	3738	3686	3695	3724	3746	15- 20	627.0	1473
25.0	3653	3643	3611	3581	3518	3525	3557	3588	20- 25	768.2	2241
30.0	3471	3459	3420	3386	3323	3331	3367	3404	25- 30	883.2	3124
35.0	3269	3255	3210	3173	3092	3107	3154	3189	30- 35	968.3	4093
40.0	3042	3024	2975	2936	2847	2858	2905	2949	35- 40	1021	5114
45.0	2780	2760	2705	2663	2581	2594	2647	2692	40- 45	1040	6154
50.0	2508	2486	2428	2384	2300	2307	2370	2411	45- 50	1026	7180
55.0	2221	2197	2183	2141	1950	1986	2065	2150	50- 55	981.9	8162
60.0	1905	1861	1779	1748	1640	1632	1621	1790	55- 60	892.5	9055
65.0	1560	1534	1465	1417	1324	1340	1413	1459	60- 65	770.9	9825
70.0	1244	1217	1145	1100	992.6	1019	1085	1129	65- 70	645.6	10471
75.0	915.6	886.8	821.9	772.3	685.2	711.7	776.0	817.4	70- 75	500.0	10971
80.0	610.9	581.7	520.0	475.1	398.9	423.3	482.7	521.4	75- 80	346.4	11318
85.0	326.8	304.1	254.0	208.2	132.1	122.3	203.0	268.1	80- 85	199.4	11517
90.0	60.89	49.72	17.90	5.406	4.592	4.147	7.102	14.91	85- 90	59.38	11577
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	

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019/03/21

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

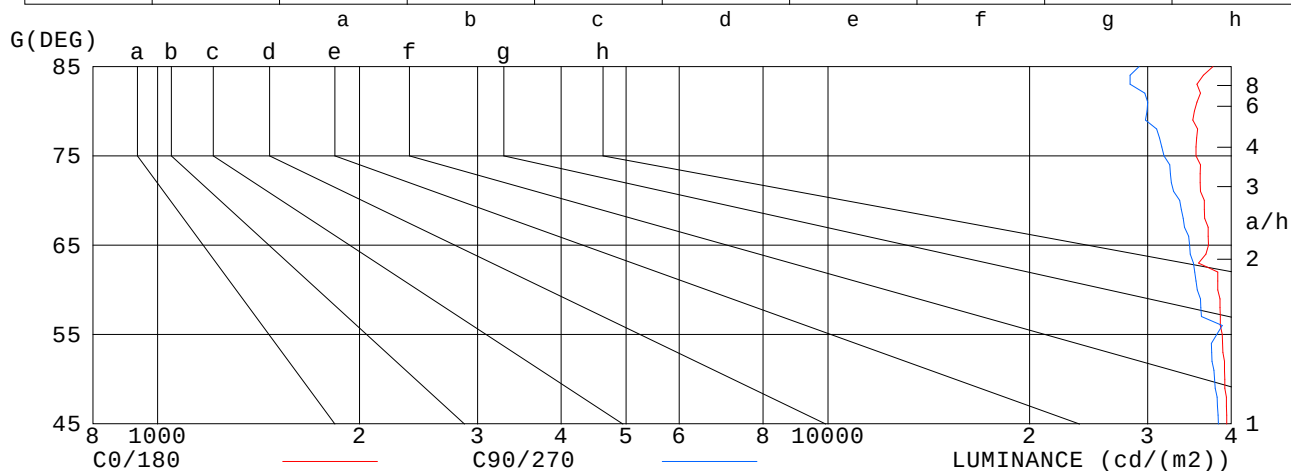
LUMINANCE LIMITATION CURVES

Report number: _____

MANUFACTURER:			
Address:			
		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



LUMINANCE cd/m2

G(DEG)	C0/180	C90/270
85	37565	29143
80	35244	29940
75	35438	31748
70	36436	33475
65	36981	34648
60	38176	35568
55	38785	38049
50	39089	37767
45	39379	38246

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019/3/21

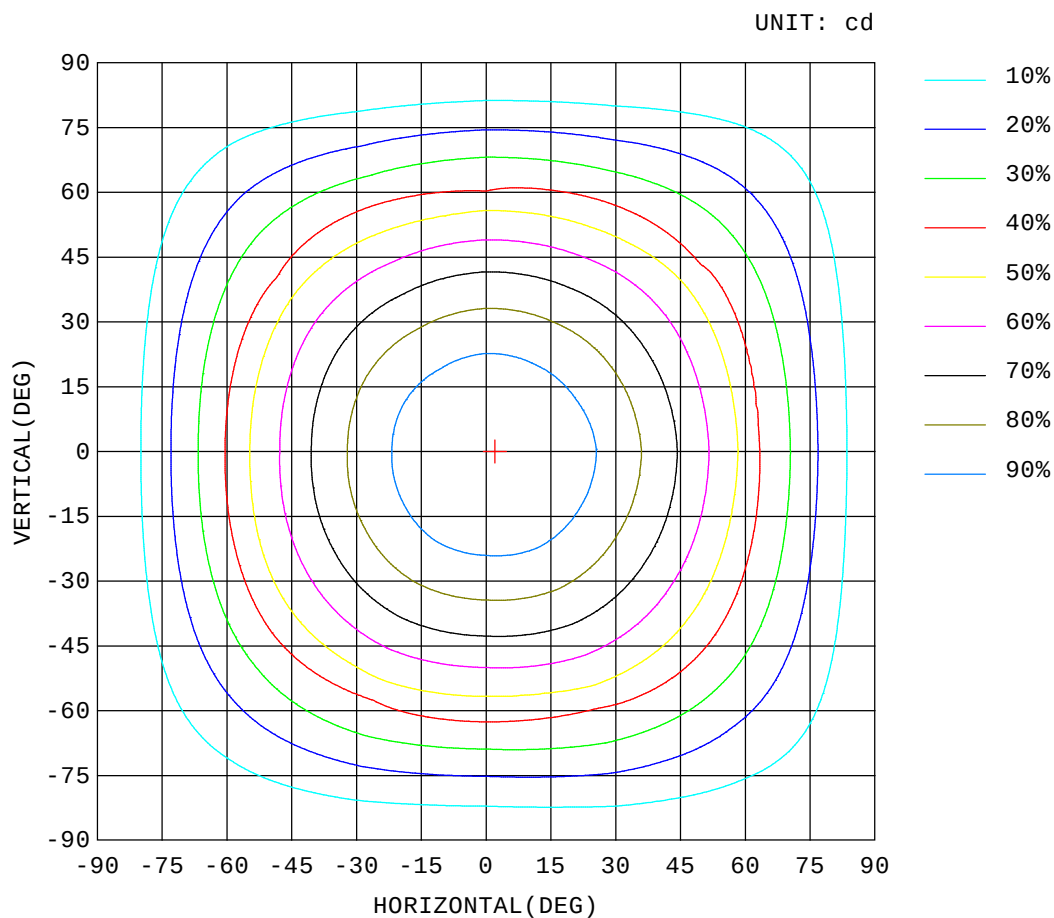
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019/03/21

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: