

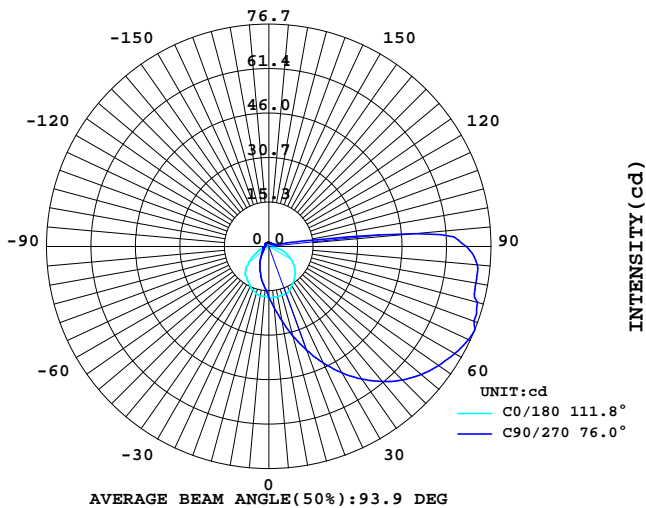
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

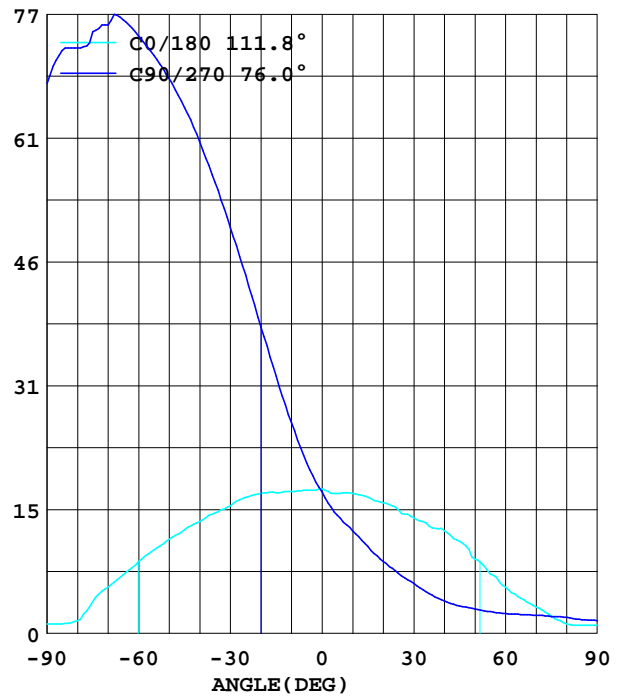
MANUFACTURER:			
Address:			
NAME: 7.8W90D3014-12V-8MM		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION: 10mm*1000mm	SERIAL No.:

DATA OF LAMP		Imax(cd)	76.74	S/MH(C0/180)	1.31
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	3.40
NOMINAL POWER(W)	7.8	TOTAL FLUX(lm)	176.79	Voltage(V)	12.01
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	22.3	Current(A)	0.660
NOMINAL FLUX(lm)	176.8	h up(%)	10.1	Power(W)	7.920
LAMPS QUANTITY	1	h down(%)	89.9	Power Factor(PF)	1.000
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	159.1	EEI	0.419

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-20-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

Color Temperature Data List

Report number:

MANUFACTURER:			
Address:			
NAME: 7.8W90D3014-12V-8MM		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION: 10mm*1000mm	SERIAL No.:

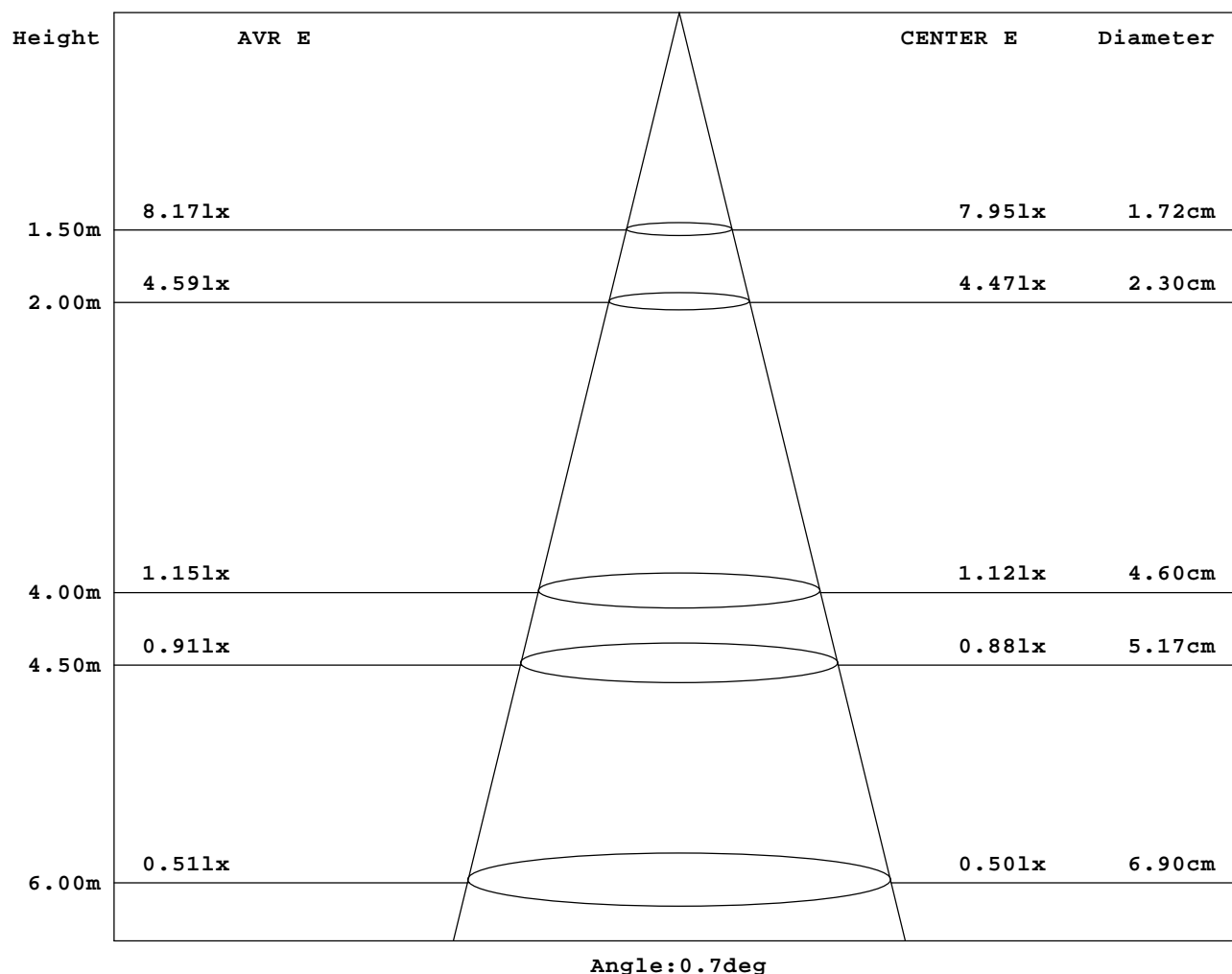
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-20-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: 7.8W90D3014-12V-8MM		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION: 10mm*1000mm	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 09-20-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.800 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 7.8W90D3014-12V-8MM		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION: 10mm*1000mm	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	17.73	21.52	21.06	21.52	17.34	16.26	14.63	16.80	0- 5	0.437	0.437
10.0	17.57	25.09	26.09	25.09	17.34	14.40	12.70	15.10	5- 10	1.343	1.781
15.0	17.42	28.65	31.90	28.88	16.88	13.16	10.76	13.47	10- 15	2.337	4.118
20.0	17.34	32.67	38.02	32.91	16.18	11.77	8.905	12.00	15- 20	3.410	7.529
25.0	16.88	36.93	44.45	37.32	15.33	10.14	7.434	10.37	20- 25	4.575	12.10
30.0	15.79	40.88	50.25	41.50	14.32	8.828	6.195	8.983	25- 30	5.787	17.89
35.0	14.94	44.83	55.91	45.68	13.31	7.511	4.956	7.821	30- 35	7.037	24.93
40.0	13.86	48.40	60.94	49.48	12.70	6.427	4.026	6.737	35- 40	8.289	33.21
45.0	12.85	51.42	65.12	52.73	11.38	5.575	3.407	5.808	40- 45	9.520	42.73
50.0	11.69	54.13	68.76	55.75	9.215	4.723	3.020	4.956	45- 50	10.63	53.37
55.0	10.37	56.37	71.63	58.38	7.356	4.104	2.710	4.414	50- 55	11.63	65.00
60.0	8.905	58.00	74.03	60.24	5.730	3.639	2.478	3.872	55- 60	12.49	77.50
65.0	7.279	59.24	76.04	61.71	4.336	3.252	2.323	3.484	60- 65	13.21	90.71
70.0	5.730	60.40	75.42	63.03	3.252	2.942	2.245	3.097	65- 70	13.76	104.4
75.0	3.949	60.79	74.57	63.03	2.168	2.710	2.090	2.865	70- 75	14.03	118.5
80.0	1.548	56.60	72.56	60.24	1.161	2.555	2.013	2.555	75- 80	13.66	132.1
85.0	1.161	58.46	72.25	60.32	1.006	2.168	1.703	2.245	80- 85	13.62	145.8
90.0	1.161	50.72	68.14	52.65	1.006	1.936	1.548	1.936	85- 90	13.10	158.9
95.0	1.161	3.639	50.80	9.834	1.006	1.626	1.548	1.548	90- 95	8.335	167.2
100.0	1.084	1.084	10.06	1.316	1.006	1.548	1.471	1.548	95-100	2.615	169.8
105.0	1.161	0.852	2.942	0.929	1.084	1.548	1.548	1.548	100-105	0.975	170.8
110.0	1.161	0.852	2.090	0.929	1.084	1.548	1.548	1.548	105-110	0.721	171.5
115.0	1.161	0.852	1.781	0.929	1.084	1.548	1.548	1.548	110-115	0.671	172.2
120.0	1.161	0.852	1.626	0.929	1.084	1.548	1.548	1.548	115-120	0.632	172.8
125.0	1.161	0.852	1.471	0.929	1.161	1.626	1.626	1.548	120-125	0.597	173.4
130.0	1.161	0.852	1.393	0.929	1.161	1.548	1.548	1.548	125-130	0.560	174.0
135.0	1.161	0.929	1.316	0.929	1.161	1.548	1.548	1.471	130-135	0.514	174.5
140.0	1.161	0.929	1.316	0.929	1.161	1.548	1.471	1.471	135-140	0.466	174.9
145.0	1.161	0.929	1.316	1.006	1.161	1.471	1.471	1.471	140-145	0.416	175.4
150.0	1.161	0.929	1.239	1.006	1.161	1.471	1.393	1.393	145-150	0.363	175.7
155.0	1.161	1.006	1.239	1.006	1.161	1.393	1.393	1.393	150-155	0.309	176.0
160.0	1.161	1.006	1.239	1.084	1.161	1.393	1.316	1.316	155-160	0.255	176.3
165.0	1.161	1.006	1.239	1.084	1.161	1.316	1.239	1.316	160-165	0.198	176.5
170.0	1.161	1.084	1.316	1.084	1.161	1.239	1.239	1.239	165-170	0.142	176.6
175.0	1.161	1.084	1.316	1.084	1.161	1.239	1.161	1.239	170-175	0.085	176.7
180.0	1.161	1.084	1.316	1.161	1.161	1.161	1.161	1.161	175-180	0.028	176.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-20-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

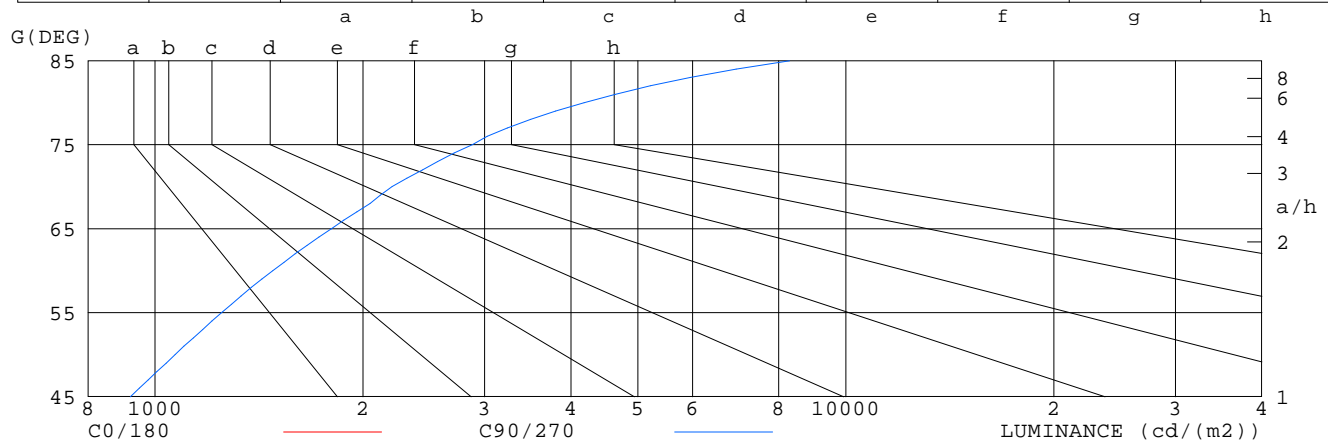
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 7.8W90D3014-12V-8MM		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION: 10mm*1000mm	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	133	8290
80	89	4179
75	153	2881
70	168	2205
65	172	1799
60	178	1481
55	181	1249
50	182	1070
45	182	921

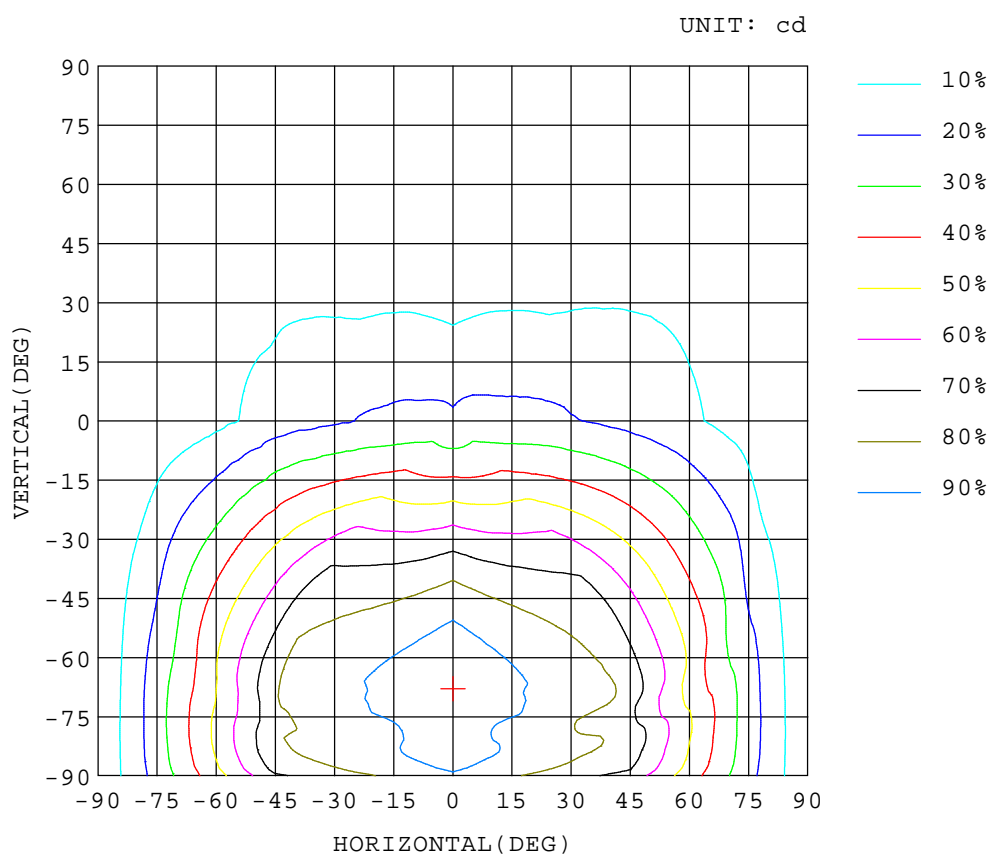
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-20-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.800 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 7.8W90D3014-12V-8MM		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION: 10mm*1000mm	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-20-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: