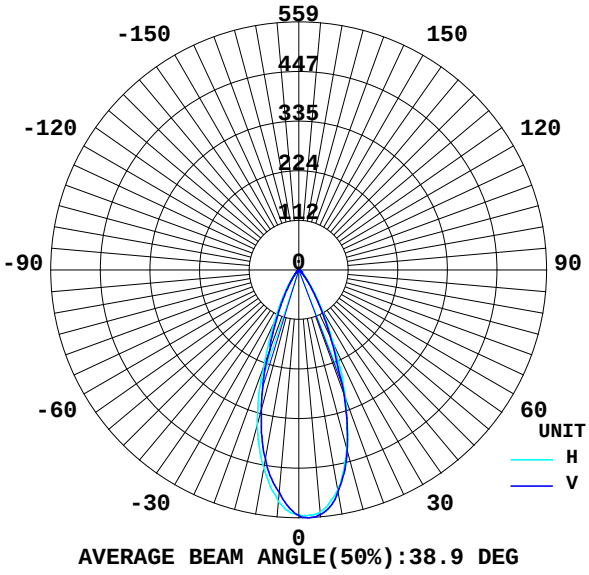
LUMINAIRE PHOTOMETRIC TEST REPORT

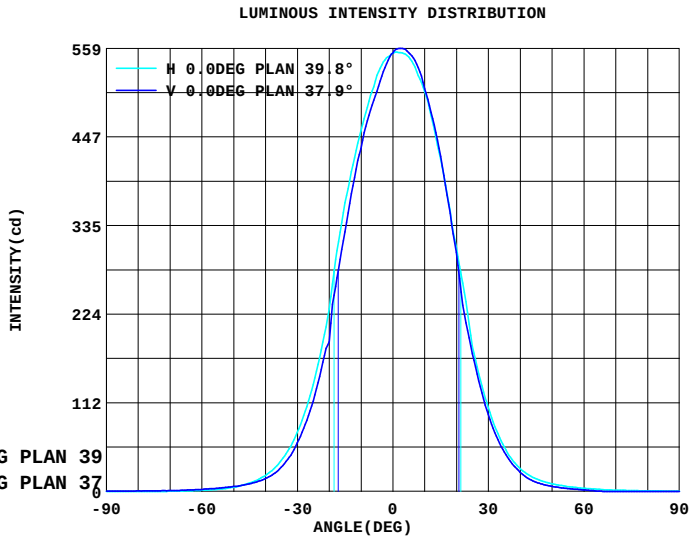
Report number:

MANUFACTURER:		
Address:		
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	3	Imax(cd):	559.6	Voltage(V)	11.98
RATED VOLTAGE(V):	12	AVAILABILITY(%):	88.1	Current(A)	0.287
NOMINAL FLUX(lm):	270	Avai. FLUX(lm):	238.2	Power(W)	3.450
TEST FLUX(lm):	270	EFFICIENCY(%):	100.0	Power Factor(PF)	1.000
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	270.2	EFFICIENCY(lm/W)	78.3
Effictive Flux(lm) :	238.2	θ @50%(H, V):	39.9,38.0DEG	EEI:	0.137



AVERAGE BEAM ANGLE(50%):38.9 DEG



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

Color Temperature Data List

Report number:

MANUFACTURER:		
Address:		
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

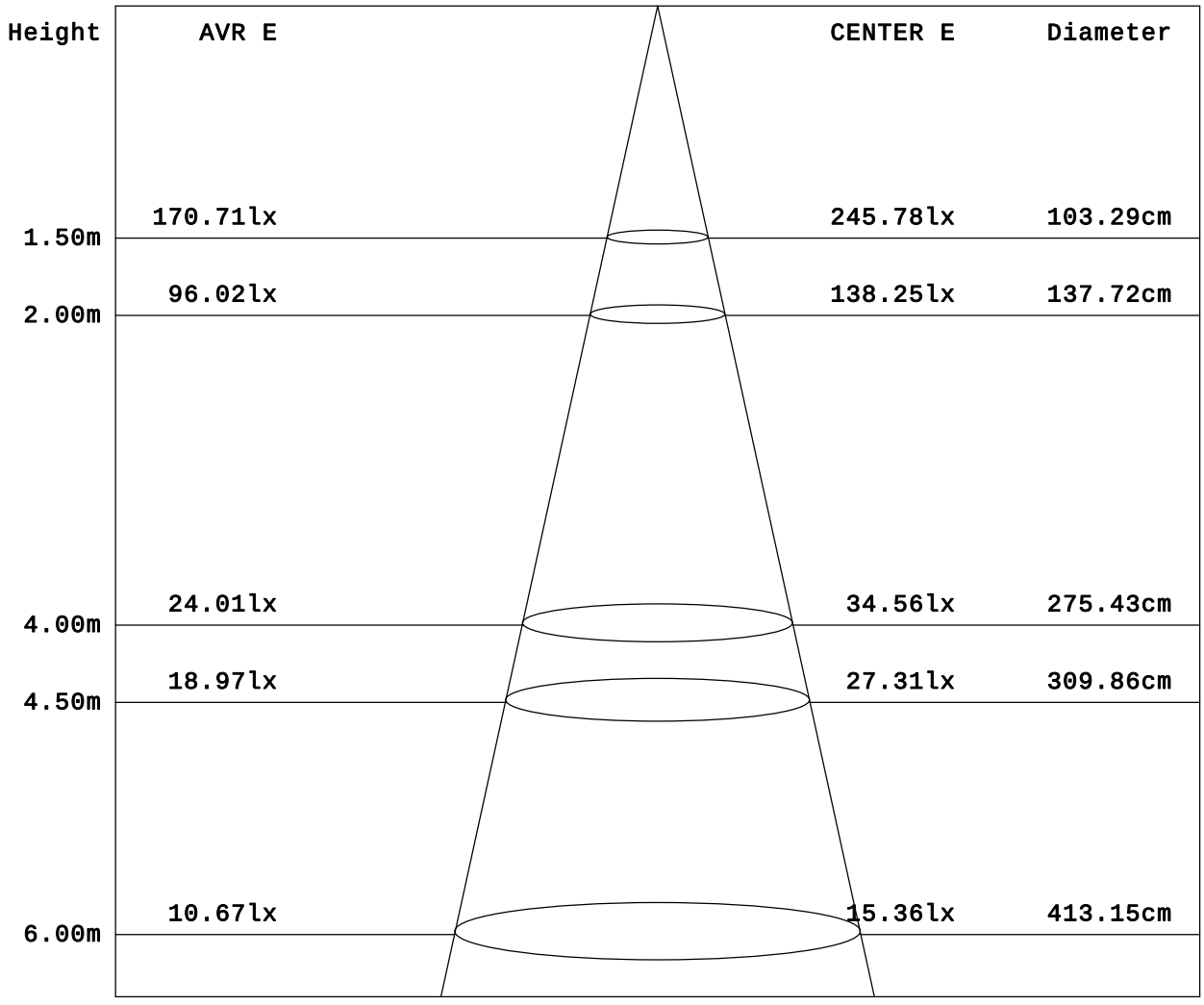
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:38.0deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:		
Address:		
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

VERTICAL(DEG)	AREA FLUX DIAGRAM UNIT:lm																			Φ t	Φ a
45																					
40	0.02	0.03	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.14	0.14	0.12	0.10	0.08	0.07	0.05	0.03		1.52	0.00
35	0.03	0.04	0.06	0.08	0.11	0.15	0.20	0.24	0.27	0.28	0.28	0.26	0.22	0.18	0.14	0.10	0.06	0.04		2.75	0.00
30	0.03	0.05	0.08	0.13	0.19	0.28	0.37	0.46	0.52	0.55	0.55	0.49	0.41	0.31	0.22	0.14	0.09	0.05		4.94	2.49
25	0.04	0.07	0.12	0.20	0.32	0.48	0.67	0.85	0.98	1.03	1.00	0.88	0.70	0.52	0.34	0.20	0.12	0.07		8.60	7.19
20	0.05	0.09	0.17	0.30	0.50	0.79	1.12	1.45	1.69	1.78	1.74	1.50	1.14	0.79	0.49	0.28	0.15	0.08		14.1	13.0
15	0.06	0.12	0.23	0.42	0.73	1.18	1.78	2.31	2.66	2.77	2.65	2.31	1.77	1.09	0.65	0.36	0.19	0.10		21.4	20.4
	0.07	0.14	0.28	0.54	0.97	1.65	2.40	3.05	3.46	3.56	3.38	2.98	2.27	1.43	0.81	0.44	0.22	0.11		27.8	26.9
	0.08	0.16	0.33	0.64	1.18	2.00	2.87	3.59	3.99	4.07	3.86	3.31	2.56	1.68	0.93	0.49	0.25	0.12		32.1	31.3
	0.08	0.17	0.35	0.69	1.27	2.17	3.06	3.75	4.16	4.23	4.01	3.45	2.66	1.76	0.97	0.51	0.25	0.12		33.7	32.9
	0.08	0.17	0.34	0.67	1.22	2.10	2.96	3.56	3.95	4.06	3.84	3.29	2.49	1.64	0.91	0.48	0.24	0.12		32.1	31.3
	0.07	0.15	0.30	0.59	1.05	1.78	2.61	3.15	3.51	3.61	3.35	2.80	2.06	1.34	0.76	0.41	0.21	0.10		27.9	27.0
-15	0.06	0.12	0.24	0.46	0.82	1.33	2.00	2.57	2.87	2.90	2.63	2.08	1.50	0.98	0.58	0.32	0.17	0.09		21.7	20.7
-20	0.05	0.10	0.18	0.33	0.57	0.91	1.31	1.73	1.99	2.00	1.77	1.36	0.98	0.65	0.40	0.23	0.13	0.07		14.7	13.6
-25	0.04	0.07	0.13	0.22	0.36	0.57	0.81	1.02	1.15	1.16	1.05	0.84	0.60	0.40	0.25	0.15	0.09	0.05		8.99	7.57
-30	0.03	0.05	0.08	0.13	0.22	0.33	0.46	0.57	0.64	0.64	0.59	0.48	0.35	0.23	0.15	0.10	0.06	0.04		5.15	3.25
-35	0.02	0.04	0.06	0.08	0.13	0.18	0.24	0.30	0.33	0.33	0.30	0.25	0.19	0.13	0.09	0.06	0.04	0.03		2.80	0.12
-40	0.02	0.02	0.04	0.05	0.08	0.10	0.13	0.15	0.17	0.17	0.16	0.13	0.11	0.08	0.05	0.04	0.03	0.02		1.53	0.00
-45	0.01	0.02	0.02	0.04	0.05	0.06	0.07	0.09	0.09	0.09	0.09	0.08	0.06	0.05	0.03	0.02	0.02	0.01		0.90	0.00
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45				
Φ t	0.86	1.62	3.05	5.62	9.84	16.1	23.2	29.0	32.5	33.4	31.4	26.6	20.2	13.4	7.87	4.39	2.35	1.27		270	
Φ a	0.00	0.00	0.56	3.96	8.47	14.9	22.0	27.9	31.5	32.3	30.3	25.6	19.1	12.1	6.43	2.45	0.00	0.00			238

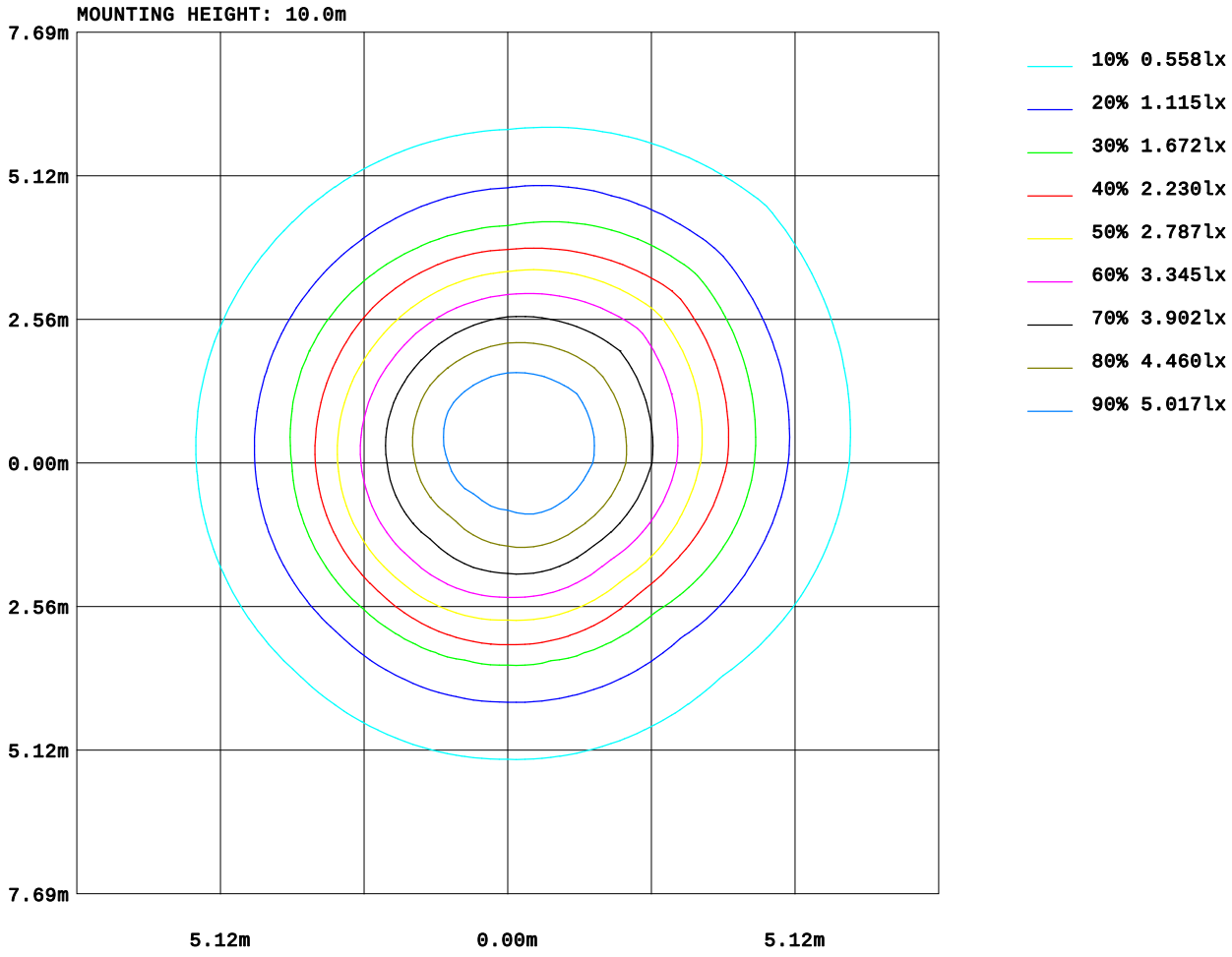
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: