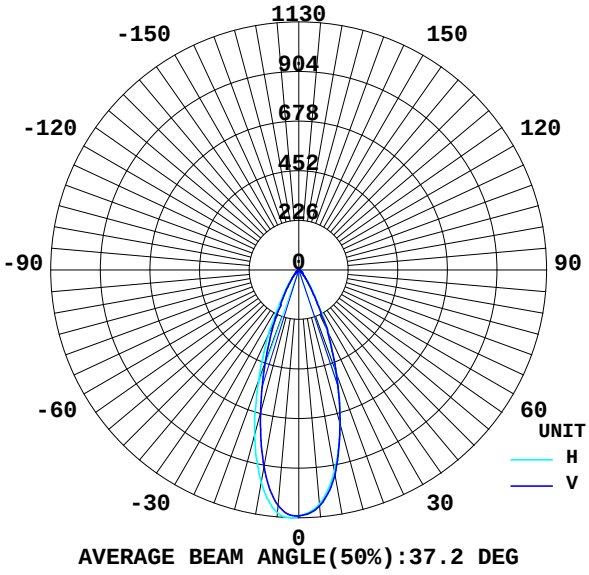
LUMINAIRE PHOTOMETRIC TEST REPORT

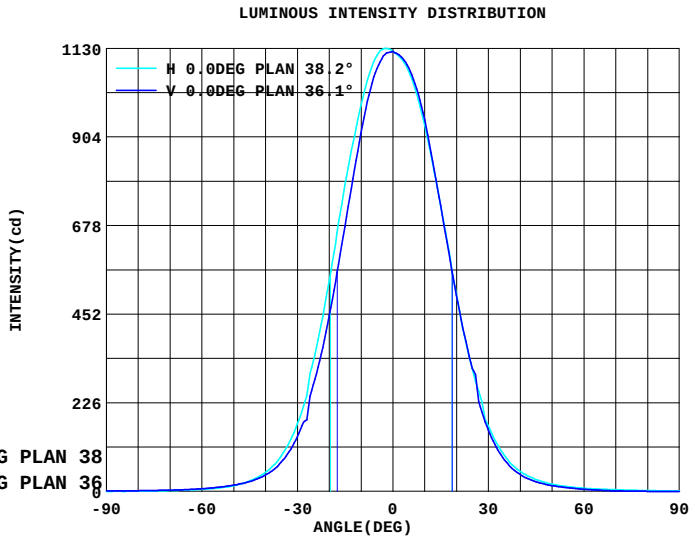
Report number:

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

MODEL:					
NOMINAL POWER(W):	7	Imax(cd):	1130	Voltage(V)	24.09
RATED VOLTAGE(V):	24	AVAILABILITY(%):	85.8	Current(A)	0.288
NOMINAL FLUX(lm):	535	Avai. FLUX(lm):	459.2	Power(W)	6.960
TEST FLUX(lm):	535	EFFICIENCY(%):	100.0	Power Factor(PF)	1.000
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	535.3	EFFICIENCY(lm/W)	76.9
Effictive Flux(lm) :	459.2	θ @50%(H, V):	38.2,36.3DEG	EEI:	0.168



AVERAGE BEAM ANGLE(50%):37.2 DEG



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11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.:

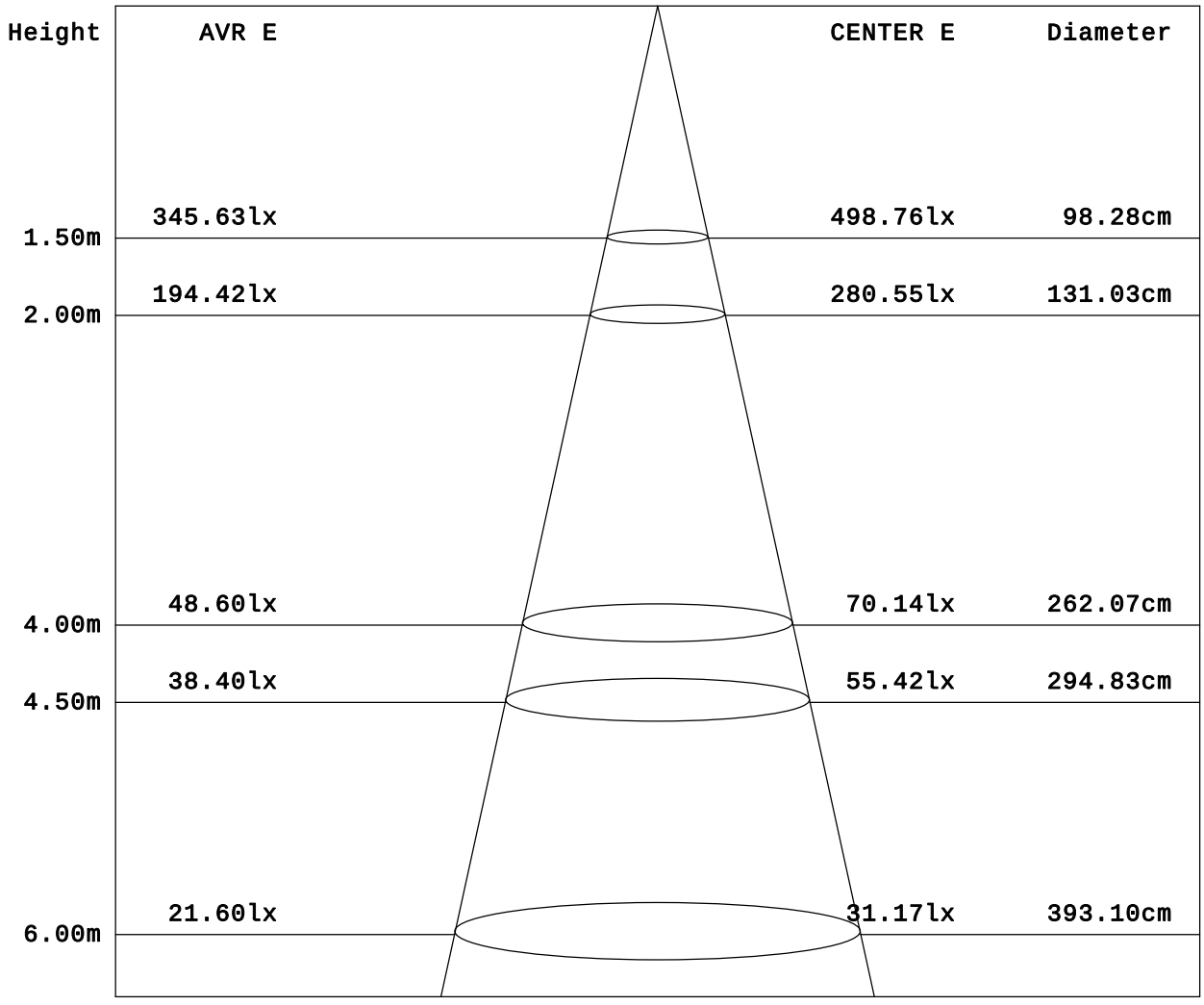
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11日

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:36.3deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11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.:

AREA FLUX DIAGRAM — UNIT:lm

VERTICAL(DEG)	-45	-40	-35	-30	-25	-20	-15	-10	10	15	20	25	30	35	40	45	Φ t	Φ a
45	0.05	0.07	0.10	0.12	0.15	0.19	0.22	0.24	0.25	0.25	0.26	0.24	0.22	0.18	0.15	0.12	0.09	0.06	2.96	0.00
40	0.07	0.09	0.13	0.18	0.24	0.31	0.37	0.43	0.45	0.46	0.46	0.42	0.36	0.29	0.23	0.17	0.12	0.08	4.85	0.00
35	0.08	0.12	0.19	0.27	0.39	0.52	0.67	0.80	0.86	0.88	0.85	0.75	0.61	0.47	0.34	0.23	0.15	0.10	8.27	2.12
30	0.10	0.16	0.26	0.41	0.62	0.90	1.21	1.52	1.71	1.74	1.61	1.35	1.03	0.75	0.50	0.32	0.20	0.12	14.5	11.1
25	0.12	0.21	0.36	0.61	0.99	1.56	2.21	2.74	3.01	3.05	2.84	2.37	1.78	1.16	0.71	0.43	0.25	0.15	24.6	22.0
20	0.15	0.27	0.48	0.86	1.52	2.44	3.36	4.17	4.60	4.63	4.28	3.56	2.65	1.72	0.97	0.55	0.31	0.18	36.7	34.5
15	0.17	0.32	0.61	1.15	2.13	3.33	4.65	5.78	6.35	6.32	5.77	4.78	3.47	2.24	1.25	0.67	0.36	0.20	49.6	47.7
	0.19	0.37	0.73	1.42	2.64	4.16	5.81	7.17	7.76	7.67	6.98	5.68	4.12	2.63	1.49	0.77	0.40	0.22	60.2	58.4
	0.20	0.40	0.80	1.60	2.95	4.67	6.47	7.85	8.43	8.29	7.55	6.15	4.44	2.82	1.60	0.81	0.42	0.22	65.7	63.9
	0.20	0.40	0.80	1.60	2.97	4.69	6.45	7.82	8.43	8.23	7.41	5.96	4.26	2.70	1.52	0.78	0.40	0.22	64.9	63.1
	0.19	0.38	0.74	1.42	2.68	4.22	5.84	7.06	7.63	7.44	6.47	5.08	3.60	2.30	1.28	0.67	0.36	0.20	57.5	55.7
-15	0.17	0.33	0.62	1.16	2.15	3.42	4.75	5.69	6.08	5.87	5.03	3.81	2.73	1.73	0.98	0.54	0.30	0.17	45.5	43.5
-20	0.14	0.27	0.49	0.88	1.51	2.49	3.38	4.04	4.29	4.10	3.52	2.69	1.84	1.14	0.69	0.40	0.24	0.14	32.3	29.9
-25	0.12	0.21	0.37	0.62	1.01	1.52	2.12	2.56	2.71	2.60	2.25	1.68	1.10	0.71	0.46	0.29	0.18	0.11	20.6	17.7
-30	0.09	0.16	0.26	0.42	0.64	0.90	1.17	1.37	1.48	1.41	1.20	0.95	0.67	0.44	0.29	0.20	0.13	0.09	11.8	8.13
-35	0.07	0.11	0.18	0.27	0.39	0.52	0.65	0.75	0.79	0.76	0.67	0.54	0.40	0.28	0.19	0.13	0.09	0.06	6.86	1.00
-40	0.05	0.08	0.12	0.17	0.24	0.31	0.37	0.41	0.43	0.41	0.37	0.31	0.24	0.18	0.12	0.09	0.07	0.05	4.01	0.00
-45	0.04	0.05	0.08	0.11	0.15	0.18	0.21	0.24	0.25	0.24	0.22	0.19	0.15	0.12	0.09	0.06	0.05	0.04	2.44	0.00
HORIZONTAL(DEG)																				
Φ t	2.21	4.02	7.32	13.3	23.4	36.3	49.9	60.7	65.5	64.4	57.7	46.5	33.7	21.8	12.8	7.21	4.10	2.39	535	
Φ a	0.00	0.00	2.23	9.89	20.5	33.8	47.6	58.4	63.3	62.2	55.4	44.0	31.0	18.9	9.45	2.15	0.00	0.00		459

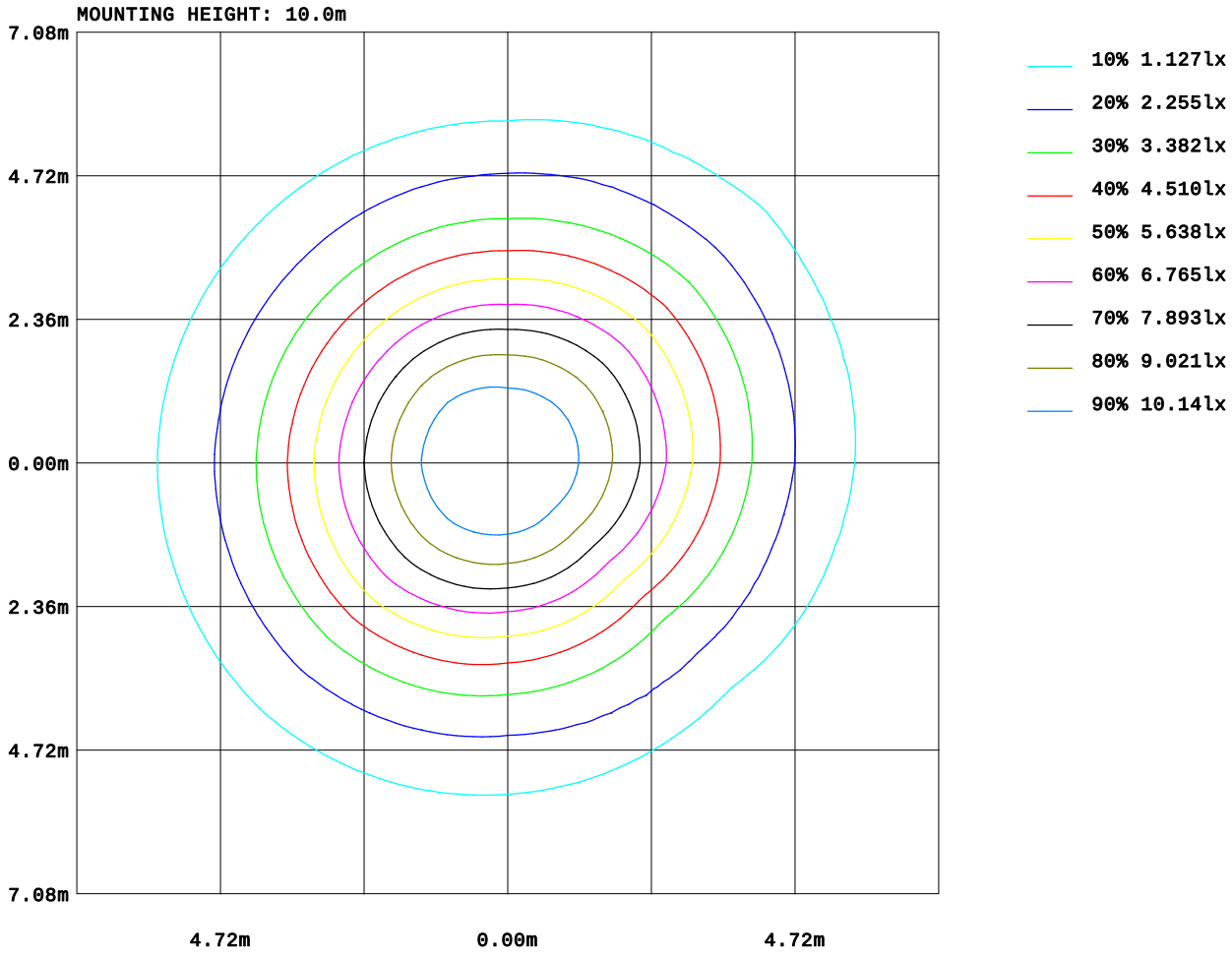
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11日

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11日

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