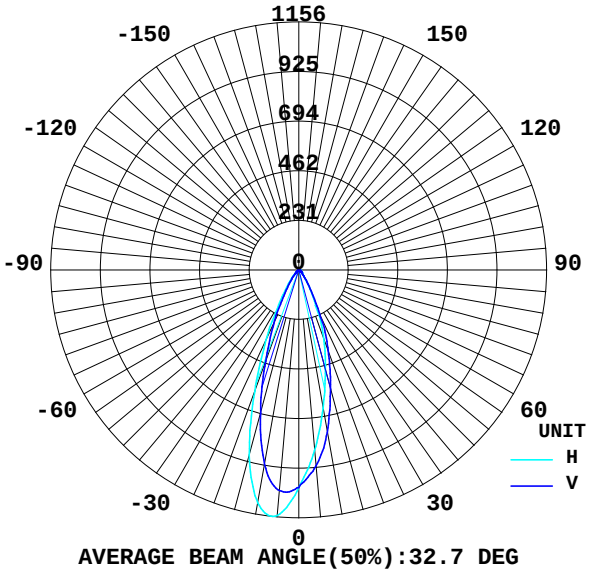
LUMINAIRE PHOTOMETRIC TEST REPORT

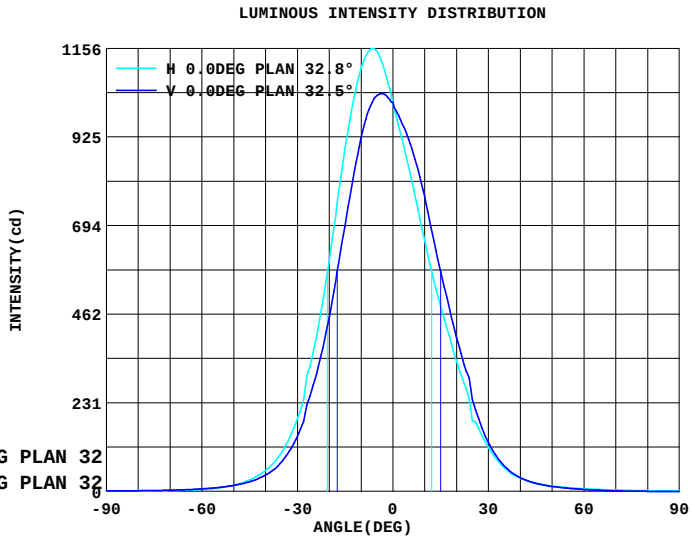
Report number:

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

MODEL:					
NOMINAL POWER(W):	7	Imax(cd):	1156	Voltage(V)	24.11
RATED VOLTAGE(V):	24	AVAILABILITY(%):	84.6	Current(A)	0.270
NOMINAL FLUX(lm):	487	Avai. FLUX(lm):	411.9	Power(W)	6.530
TEST FLUX(lm):	487	EFFICIENCY(%):	100.0	Power Factor(PF)	1.000
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	486.8	EFFICIENCY(lm/W)	74.5
Effictive Flux(lm) :	412.0	θ @50%(H, V):	32.8,34.1DEG	EEI:	0.172



AVERAGE BEAM ANGLE(50%):32.7 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.:

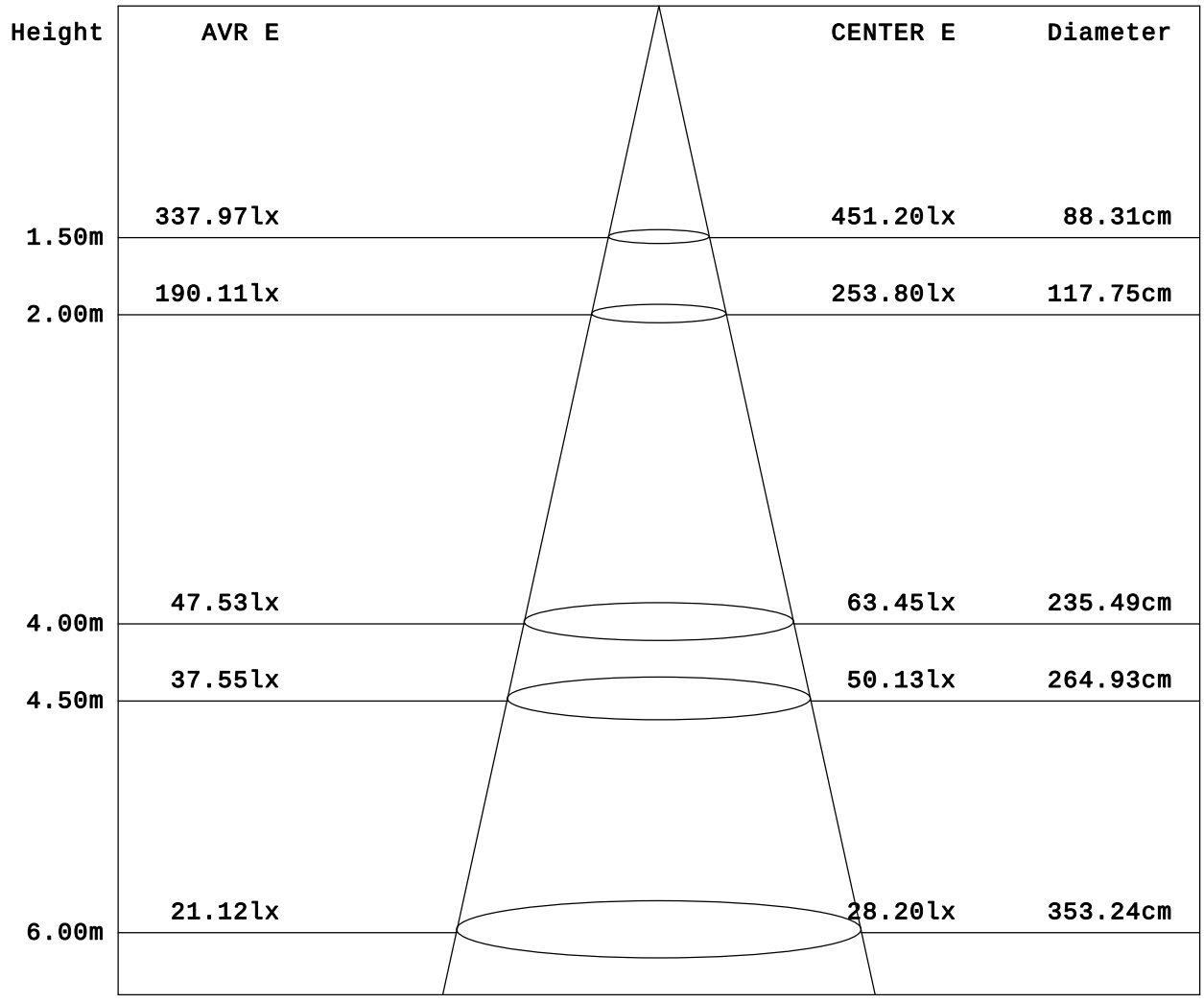
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11日

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:32.8deg

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	0.09	0.12	0.14	0.17	0.19	0.21	0.21	0.20	0.19	0.16	0.14	0.11	0.09	0.07	0.05	2.48	0.00
40	0.06	0.09	0.13	0.17	0.22	0.28	0.33	0.37	0.38	0.37	0.35	0.31	0.26	0.21	0.16	0.12	0.09	3.98	0.00
35	0.08	0.12	0.18	0.26	0.36	0.47	0.59	0.68	0.72	0.71	0.65	0.55	0.43	0.33	0.24	0.16	0.11	6.71	0.43
30	0.10	0.16	0.26	0.39	0.58	0.82	1.07	1.29	1.37	1.33	1.18	0.97	0.73	0.51	0.34	0.22	0.14	11.5	7.48
25	0.13	0.22	0.36	0.59	0.93	1.40	1.98	2.39	2.54	2.43	2.13	1.65	1.16	0.78	0.48	0.29	0.17	19.7	16.8
20	0.16	0.28	0.49	0.86	1.45	2.34	3.17	3.74	3.83	3.56	3.09	2.48	1.78	1.10	0.66	0.37	0.21	29.7	27.3
15	0.18	0.34	0.64	1.16	2.16	3.35	4.61	5.41	5.38	4.82	4.02	3.15	2.34	1.46	0.84	0.45	0.25	0.14	40.7	38.6
	0.21	0.40	0.78	1.51	2.77	4.39	6.07	7.09	6.89	6.03	4.88	3.75	2.74	1.78	0.98	0.52	0.27	0.15	51.2	49.3
	0.23	0.44	0.87	1.76	3.22	5.19	7.14	8.19	7.90	6.83	5.53	4.14	2.96	1.93	1.04	0.55	0.28	0.15	58.3	56.5
	0.23	0.45	0.89	1.81	3.31	5.35	7.37	8.55	8.38	7.18	5.76	4.23	2.96	1.89	1.01	0.54	0.27	0.15	60.3	58.5
	0.22	0.42	0.83	1.65	3.01	4.85	6.74	7.96	7.90	6.91	5.39	3.92	2.70	1.66	0.91	0.48	0.25	0.14	55.9	54.0
-15	0.19	0.37	0.71	1.34	2.48	3.94	5.53	6.40	6.42	5.71	4.48	3.19	2.18	1.27	0.73	0.39	0.21	0.12	45.7	43.6
-20	0.16	0.31	0.56	1.01	1.84	2.88	3.85	4.47	4.52	4.07	3.28	2.37	1.47	0.90	0.53	0.30	0.17	0.10	32.8	30.4
-25	0.13	0.24	0.42	0.72	1.18	1.86	2.43	2.78	2.83	2.58	2.11	1.51	0.96	0.59	0.36	0.22	0.13	0.08	21.1	18.4
-30	0.10	0.18	0.30	0.49	0.75	1.03	1.33	1.57	1.61	1.47	1.20	0.88	0.60	0.38	0.24	0.15	0.10	0.07	12.4	8.92
-35	0.08	0.13	0.21	0.32	0.45	0.59	0.72	0.81	0.83	0.77	0.65	0.50	0.36	0.24	0.16	0.11	0.07	0.05	7.05	1.19
-40	0.05	0.09	0.14	0.20	0.27	0.34	0.40	0.44	0.45	0.42	0.36	0.29	0.22	0.16	0.11	0.07	0.05	0.04	4.10	0.00
-45	0.04	0.06	0.09	0.12	0.16	0.20	0.23	0.25	0.25	0.24	0.21	0.18	0.14	0.10	0.08	0.05	0.04	0.03	2.47	0.00
HORIZONTAL(DEG)																				
Φ t	2.39	4.37	7.94	14.5	25.3	39.5	53.8	62.6	62.4	55.6	45.5	34.3	24.2	15.4	8.96	5.09	2.90	1.74	487	
Φ a	0.00	0.00	3.06	11.1	22.5	36.9	51.4	60.3	60.2	53.3	43.1	31.6	21.3	12.1	4.63	0.00	0.00	0.00		412

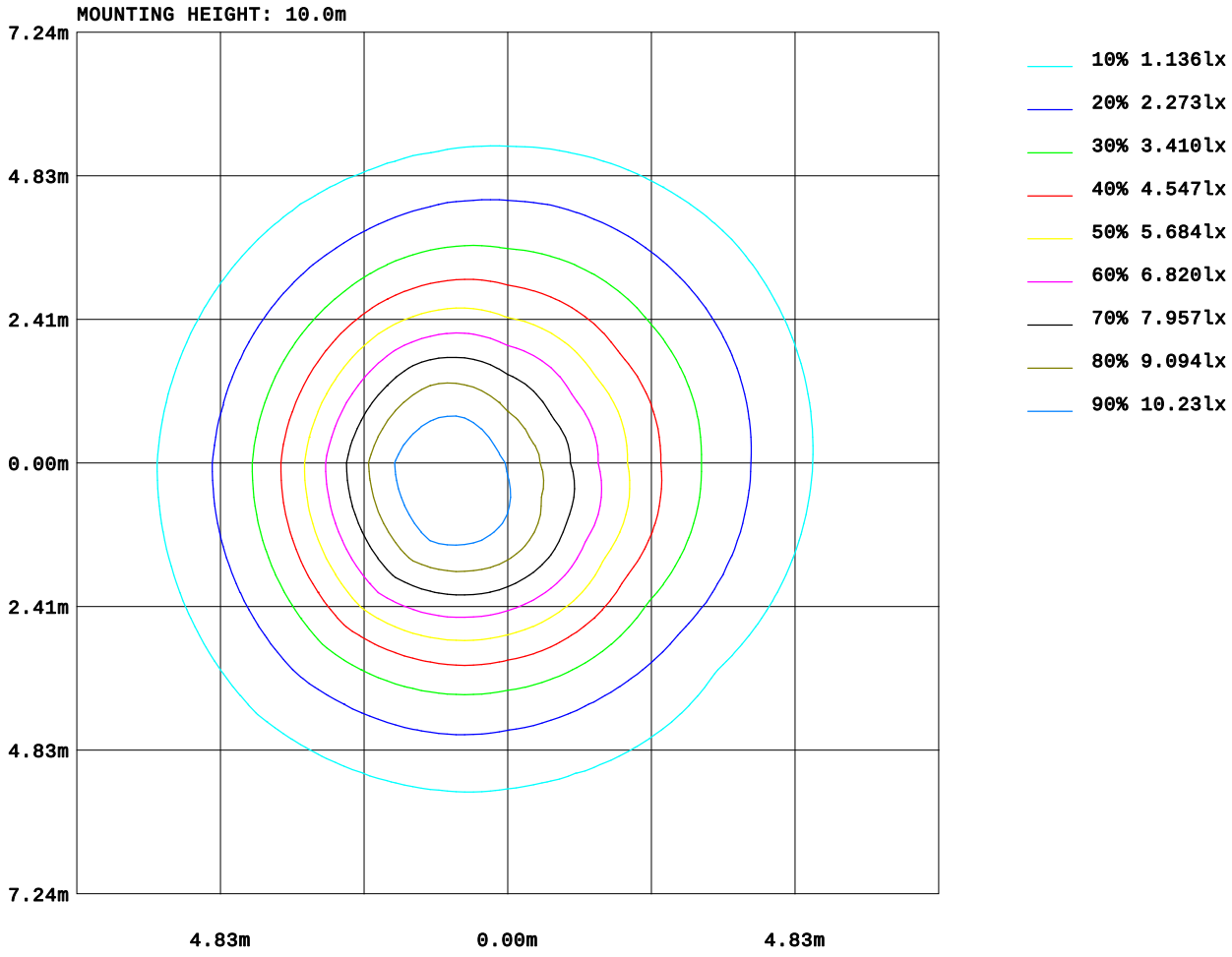
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11日

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: