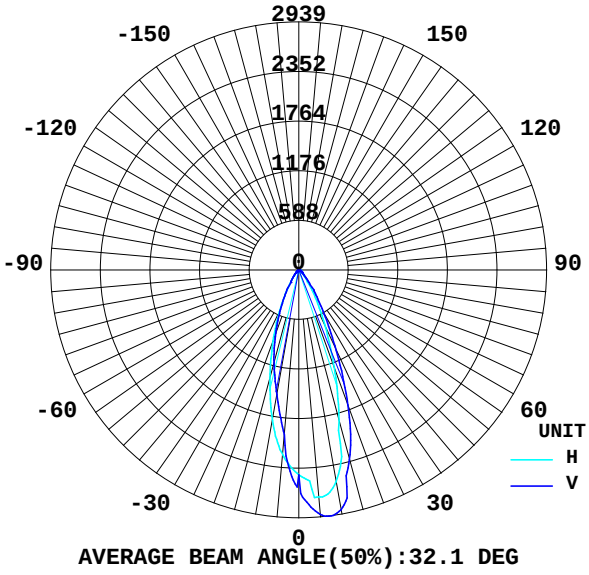
LUMINAIRE PHOTOMETRIC TEST REPORT

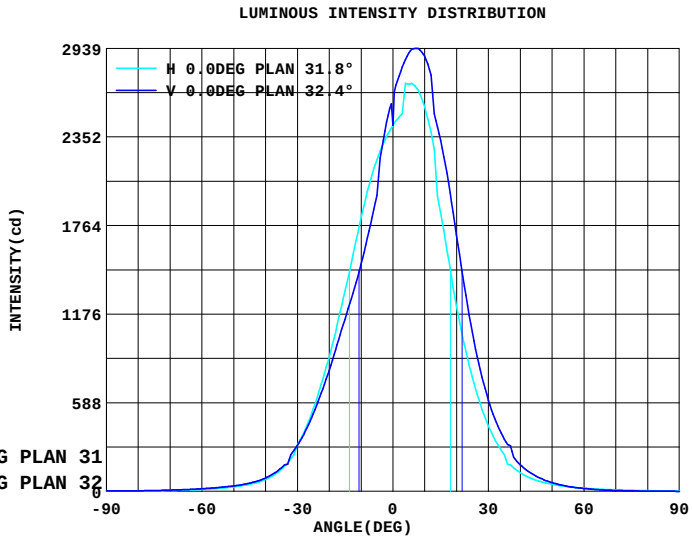
Report number:

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

MODEL:					
NOMINAL POWER(W):	18	Imax(cd):	2968	Voltage(V)	23.65
RATED VOLTAGE(V):	24	AVAILABILITY(%):	84.9	Current(A)	0.744
NOMINAL FLUX(lm):	1277	Avai. FLUX(lm):	1084	Power(W)	17.61
TEST FLUX(lm):	1277	EFFICIENCY(%):	100.0	Power Factor(PF)	1.000
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	1277	EFFICIENCY(lm/W)	72.5
Effictive Flux(lm) :	1084.3	θ @50%(H, V):	33.7,32.1DEG	EEI:	0.214



AVERAGE BEAM ANGLE(50%):32.1 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.:

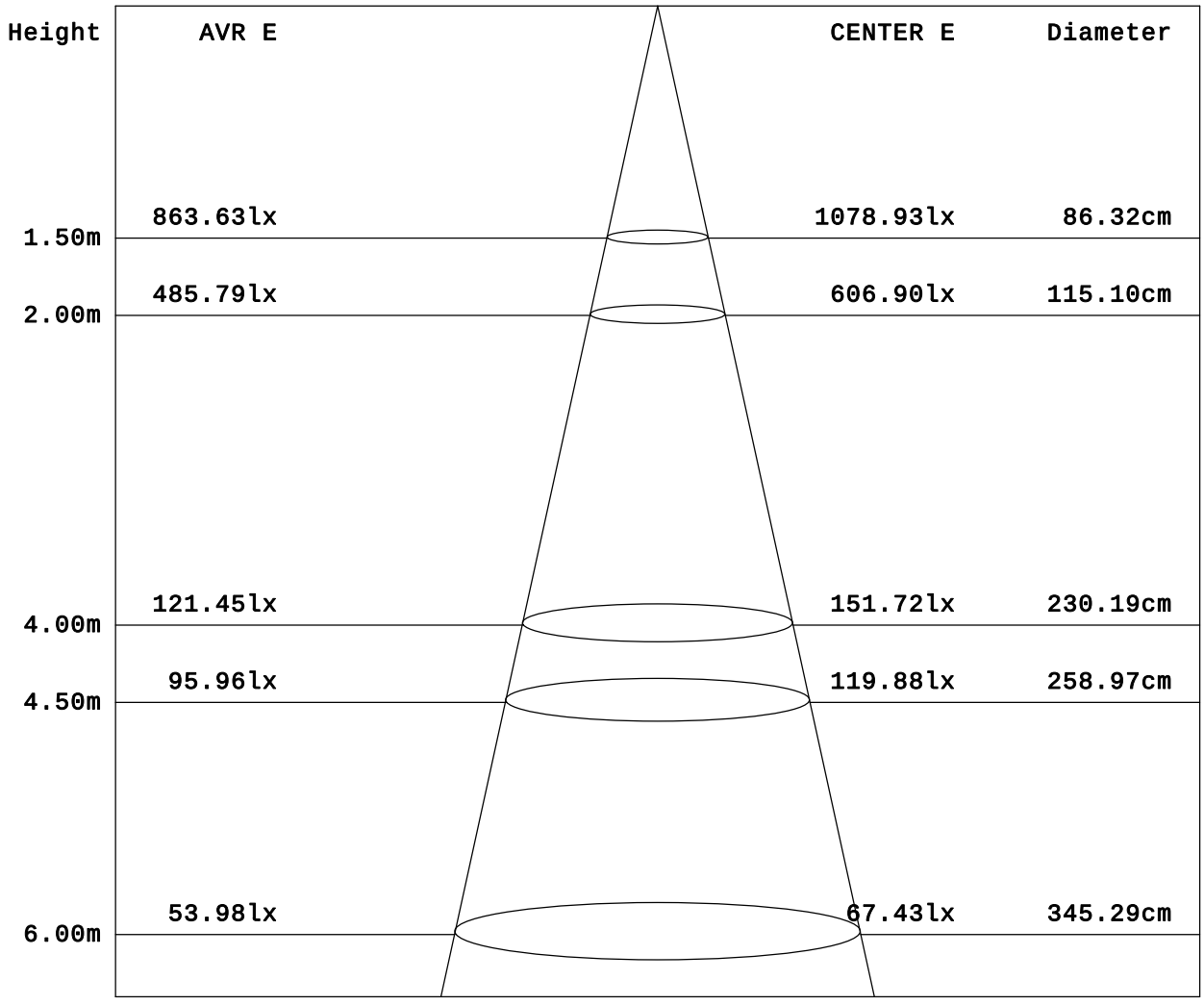
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11日

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:32.1deg

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	0.13	0.19	0.26	0.35	0.47	0.60	0.75	0.89	1.00	1.03	0.99	0.90	0.77	0.63	0.50	0.38	0.27	0.19	10.2	0.00
40	0.16	0.24	0.35	0.50	0.70	0.96	1.28	1.62	1.88	1.97	1.84	1.58	1.27	1.00	0.75	0.54	0.36	0.24	17.2	2.37
35	0.20	0.31	0.47	0.71	1.07	1.62	2.28	2.89	3.37	3.50	3.26	2.83	2.27	1.65	1.12	0.74	0.47	0.30	29.1	19.1
30	0.24	0.38	0.62	1.00	1.69	2.66	3.77	4.93	5.87	6.10	5.58	4.67	3.62	2.63	1.72	1.00	0.61	0.37	47.5	40.2
25	0.28	0.47	0.81	1.46	2.53	4.03	5.98	8.08	9.82	10.2	9.27	7.55	5.61	3.81	2.36	1.35	0.75	0.44	74.9	68.6
20	0.31	0.56	1.02	1.98	3.51	5.72	8.72	11.9	14.5	15.4	14.1	11.4	8.14	5.13	3.04	1.69	0.89	0.50	109	103
15	0.34	0.63	1.24	2.46	4.46	7.42	11.3	15.8	19.0	19.9	19.0	15.7	10.4	6.37	3.65	1.99	1.02	0.55	142	137
	0.36	0.67	1.37	2.81	5.11	8.49	13.2	18.5	21.3	22.3	21.4	17.6	11.8	7.15	4.04	2.18	1.06	0.57	160	156
	0.35	0.68	1.38	2.88	5.19	8.44	12.7	16.9	19.7	21.2	20.8	17.4	11.7	7.18	4.07	2.19	1.04	0.56	155	150
	0.34	0.65	1.31	2.74	4.87	7.69	10.9	14.0	16.3	17.5	17.7	15.1	10.4	6.54	3.76	2.04	0.98	0.53	133	129
	0.32	0.60	1.18	2.44	4.27	6.62	9.08	11.0	12.7	13.5	13.0	11.3	8.40	5.47	3.23	1.76	0.87	0.48	106	102
-15	0.29	0.53	0.99	1.96	3.41	5.22	7.06	8.74	9.81	10.2	9.67	8.11	6.18	4.16	2.53	1.37	0.74	0.42	81.4	76.1
-20	0.25	0.44	0.78	1.41	2.51	3.78	5.21	6.48	7.25	7.43	6.92	5.70	4.23	2.91	1.80	1.00	0.59	0.35	59.0	53.1
-25	0.22	0.35	0.58	0.97	1.64	2.56	3.51	4.36	4.88	4.95	4.56	3.75	2.77	1.87	1.14	0.71	0.45	0.29	39.6	32.5
-30	0.18	0.27	0.42	0.66	1.00	1.52	2.17	2.68	2.98	3.01	2.76	2.29	1.66	1.08	0.74	0.50	0.34	0.23	24.5	14.3
-35	0.14	0.21	0.31	0.44	0.64	0.90	1.16	1.44	1.63	1.65	1.48	1.21	0.94	0.69	0.48	0.35	0.25	0.18	14.1	0.00
-40	0.12	0.16	0.22	0.31	0.42	0.55	0.68	0.80	0.88	0.89	0.82	0.71	0.57	0.44	0.33	0.24	0.19	0.14	8.47	0.00
-45	0.09	0.12	0.17	0.22	0.28	0.35	0.42	0.48	0.52	0.52	0.49	0.43	0.36	0.30	0.23	0.18	0.14	0.11	5.40	0.00
HORIZONTAL(DEG)																				
Φ t	4.32	7.46	13.4	25.3	43.8	69.1	100	132	154	162	154	128	91.3	59.0	35.5	20.2	11.0	6.42	1277	
Φ a	0.00	0.00	0.00	15.0	36.1	62.5	94.3	126	148	157	149	123	85.4	52.4	27.2	7.43	0.00	0.00		1084

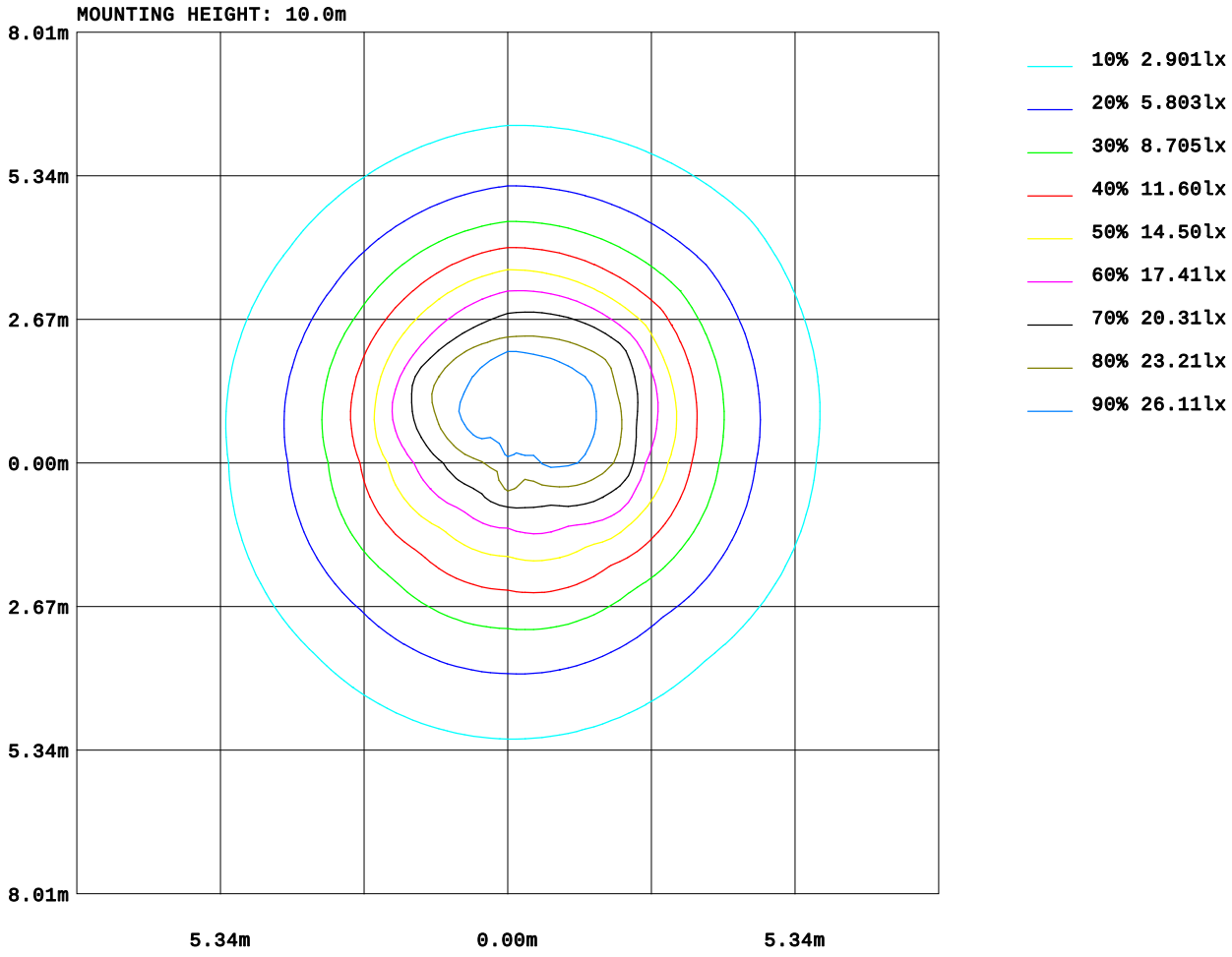
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11日

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: