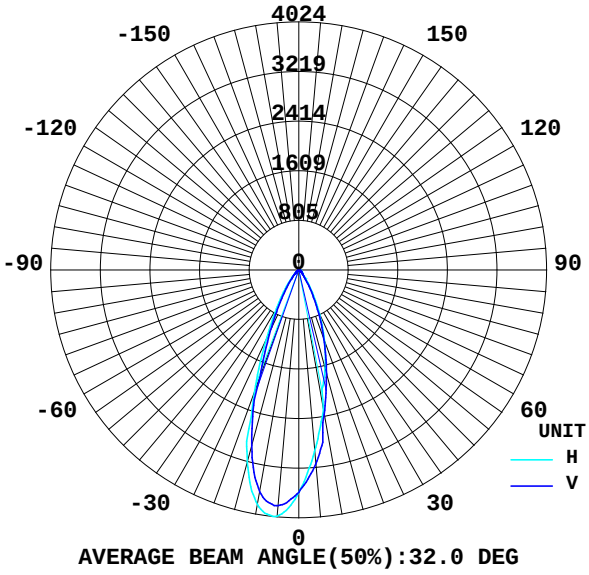
LUMINAIRE PHOTOMETRIC TEST REPORT

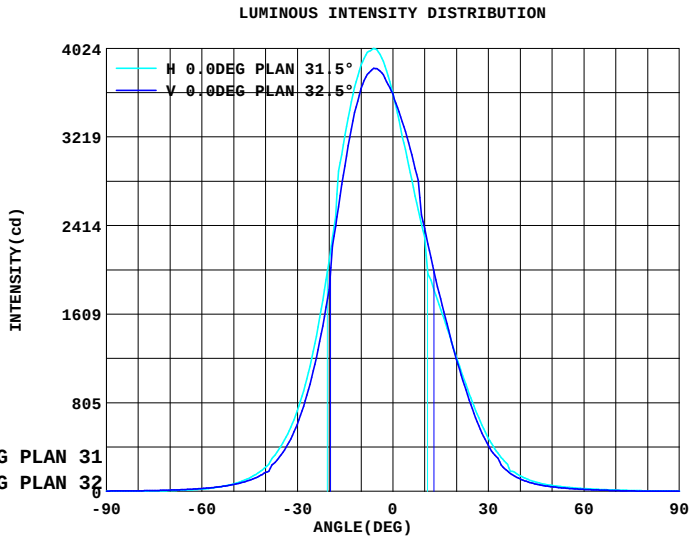
Report number:

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

MODEL:					
NOMINAL POWER(W):	24	Imax(cd):	4106	Voltage(V)	24.00
RATED VOLTAGE(V):	24	AVAILABILITY(%):	84.5	Current(A)	1.034
NOMINAL FLUX(lm):	1764	Avai. FLUX(lm):	1490	Power(W)	24.84
TEST FLUX(lm):	1764	EFFICIENCY(%):	100.0	Power Factor(PF)	1.000
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	1764	EFFICIENCY(lm/W)	71.0
Effictive Flux(lm) :	1490.0	θ @50%(H, V):	32.4,33.7DEG	EEI:	0.227



AVERAGE BEAM ANGLE(50%):32.0 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.:

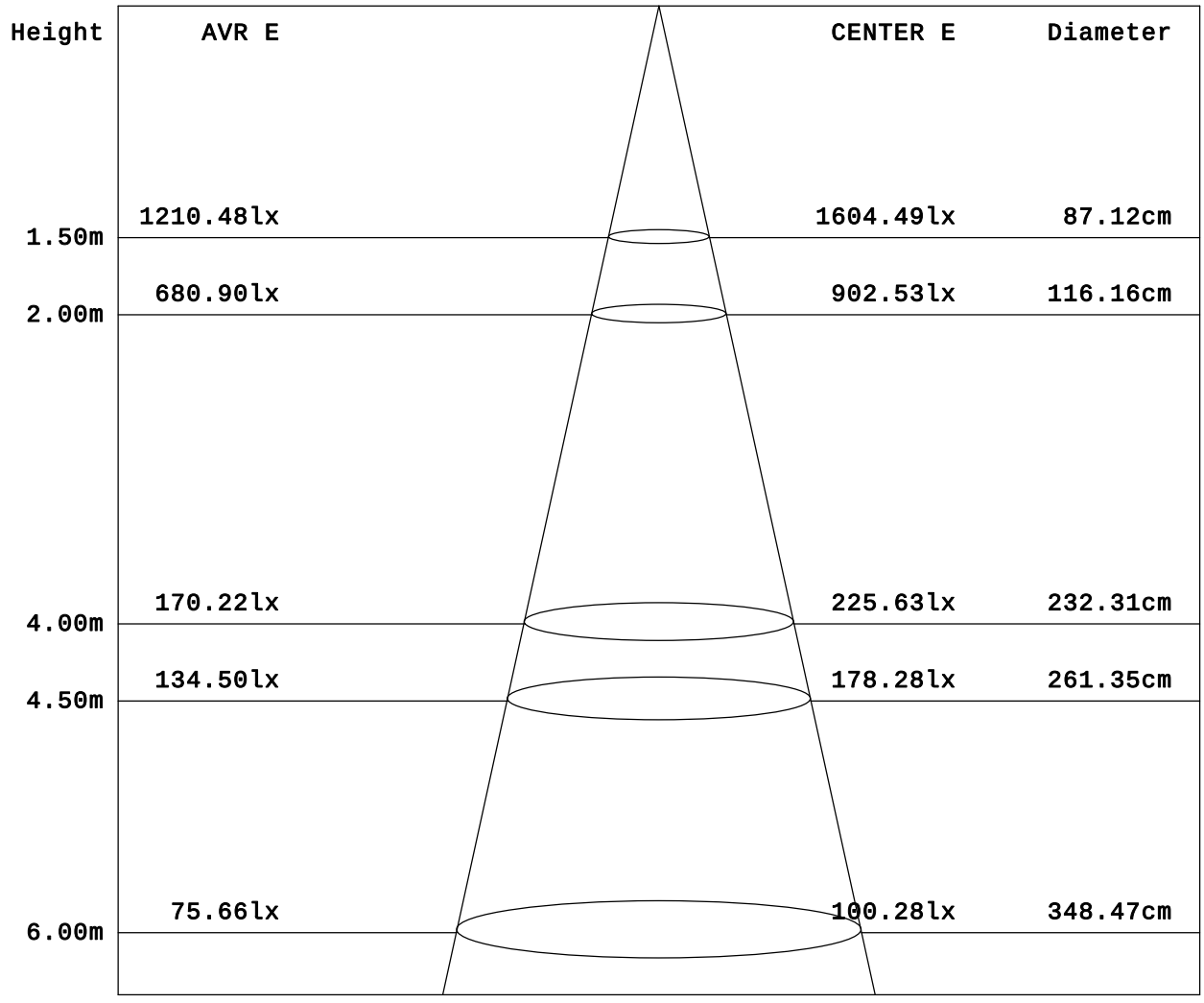
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11日

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:32.4deg

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	0.17	0.23	0.31	0.39	0.47	0.56	0.63	0.67	0.67	0.67	0.65	0.60	0.52	0.44	0.36	0.29	0.23	0.17	8.02	0.00
40	0.22	0.32	0.43	0.57	0.73	0.91	1.06	1.18	1.20	1.19	1.13	1.01	0.85	0.68	0.52	0.39	0.29	0.21	12.9	0.00
35	0.29	0.43	0.62	0.86	1.18	1.59	1.98	2.27	2.37	2.35	2.20	1.88	1.47	1.07	0.78	0.54	0.37	0.26	22.5	0.00
30	0.37	0.58	0.89	1.35	2.00	2.75	3.52	4.13	4.37	4.29	3.94	3.30	2.56	1.82	1.16	0.75	0.48	0.32	38.6	23.0
25	0.48	0.79	1.30	2.13	3.14	4.51	6.01	7.14	7.50	7.24	6.52	5.36	4.02	2.80	1.79	1.02	0.62	0.38	62.8	51.9
20	0.59	1.03	1.87	3.08	4.84	7.10	9.59	11.4	11.6	10.8	9.58	7.80	5.83	3.98	2.49	1.40	0.78	0.45	94.4	85.8
15	0.72	1.33	2.46	4.23	6.98	10.6	14.7	17.6	17.0	14.8	12.5	10.1	7.68	5.24	3.21	1.82	0.93	0.52	133	125
	0.83	1.62	3.02	5.39	9.24	14.6	20.8	24.0	23.1	19.9	15.5	12.1	9.24	6.31	3.84	2.15	1.06	0.58	174	167
	0.91	1.82	3.45	6.31	11.1	18.2	25.1	28.4	27.6	23.7	19.0	13.5	10.2	6.97	4.23	2.34	1.16	0.61	205	199
	0.93	1.87	3.55	6.55	11.6	19.3	26.5	30.1	29.9	26.1	20.9	14.6	10.6	7.14	4.28	2.35	1.15	0.61	219	212
	0.88	1.76	3.31	6.03	10.6	17.5	25.1	29.1	29.5	26.5	20.5	14.6	10.3	6.72	3.96	2.16	1.06	0.57	211	204
-15	0.79	1.54	2.86	5.09	8.75	14.1	20.8	24.9	25.8	23.2	17.9	12.8	8.86	5.69	3.33	1.81	0.92	0.51	180	173
-20	0.67	1.25	2.32	3.98	6.57	10.2	14.2	17.5	19.0	17.4	13.7	9.87	6.75	4.31	2.56	1.37	0.76	0.44	133	125
-25	0.55	0.97	1.76	2.91	4.60	6.68	8.85	10.5	11.1	10.4	8.79	6.68	4.61	2.96	1.76	1.00	0.60	0.37	85.2	76.0
-30	0.43	0.73	1.21	2.05	2.99	4.11	5.23	6.08	6.40	6.08	5.23	4.08	2.91	1.86	1.13	0.72	0.46	0.30	52.0	40.2
-35	0.33	0.53	0.84	1.27	1.88	2.46	3.00	3.39	3.52	3.36	2.93	2.34	1.68	1.13	0.75	0.51	0.35	0.24	30.5	10.4
-40	0.24	0.38	0.57	0.81	1.07	1.38	1.67	1.86	1.90	1.80	1.58	1.28	0.98	0.72	0.51	0.36	0.26	0.19	17.5	0.00
-45	0.17	0.26	0.37	0.51	0.66	0.81	0.93	1.00	1.02	0.98	0.89	0.76	0.61	0.48	0.36	0.26	0.20	0.15	10.4	0.00
HORIZONTAL(DEG)																				
Φ t	9.54	17.4	31.1	53.5	88.5	138	190	222	224	201	164	123	89.8	60.3	37.0	21.2	11.6	6.86	1764	
Φ a	0.00	0.00	15.9	41.9	78.4	129	182	214	216	193	156	114	80.0	49.5	23.5	1.85	0.00	0.00		1490

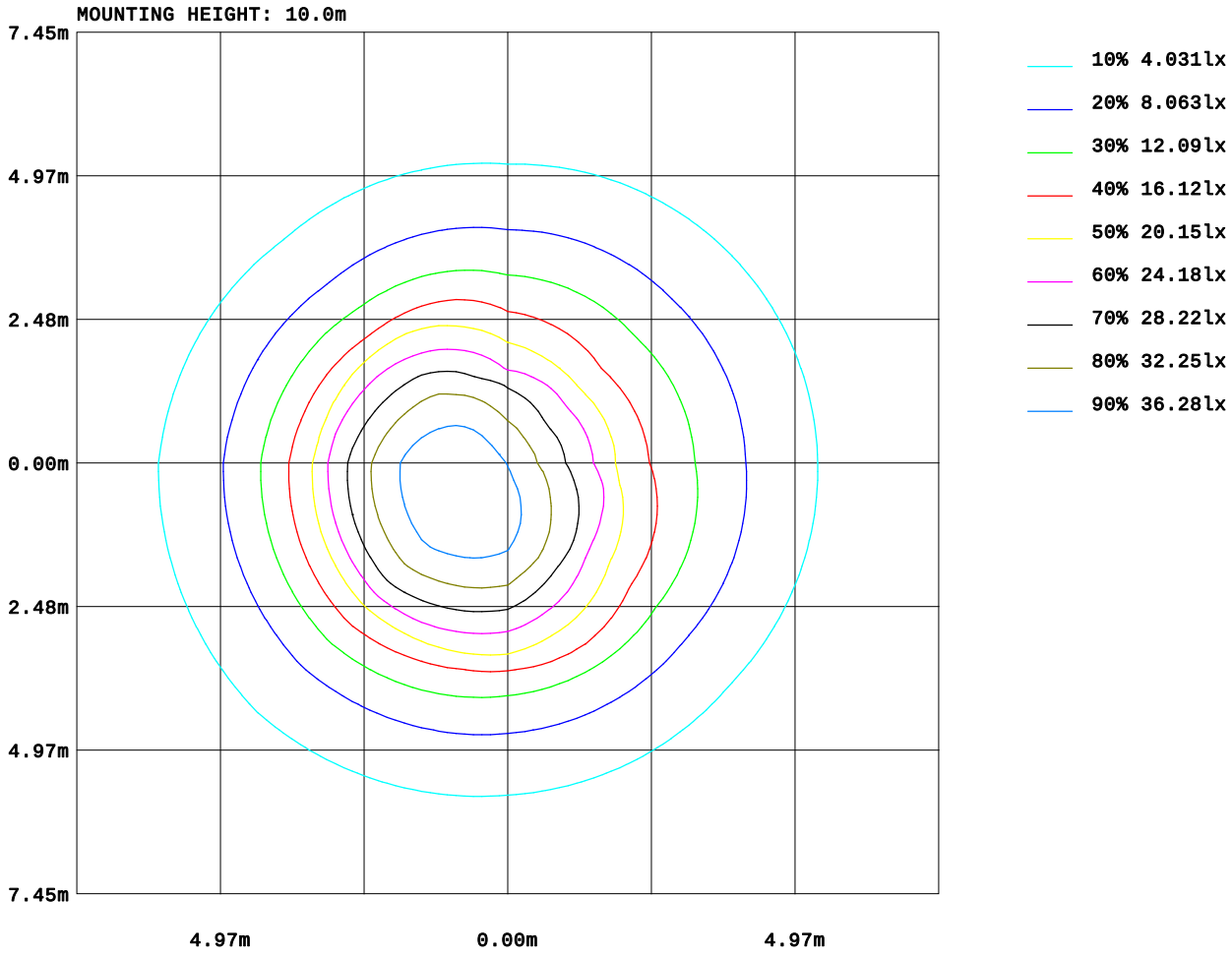
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11日

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: