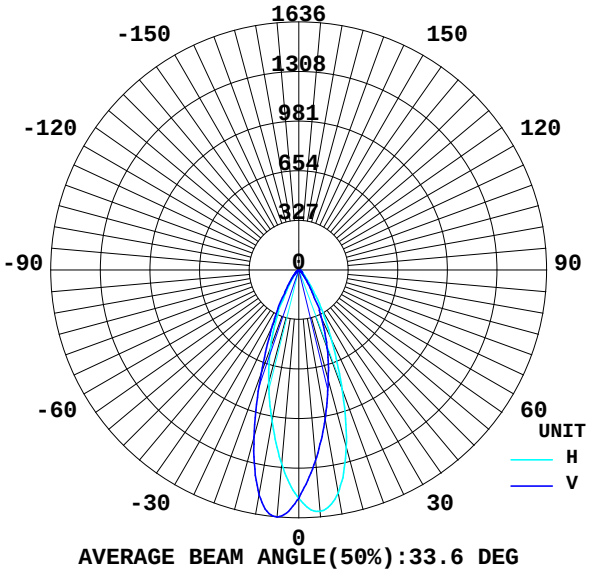
LUMINAIRE PHOTOMETRIC TEST REPORT

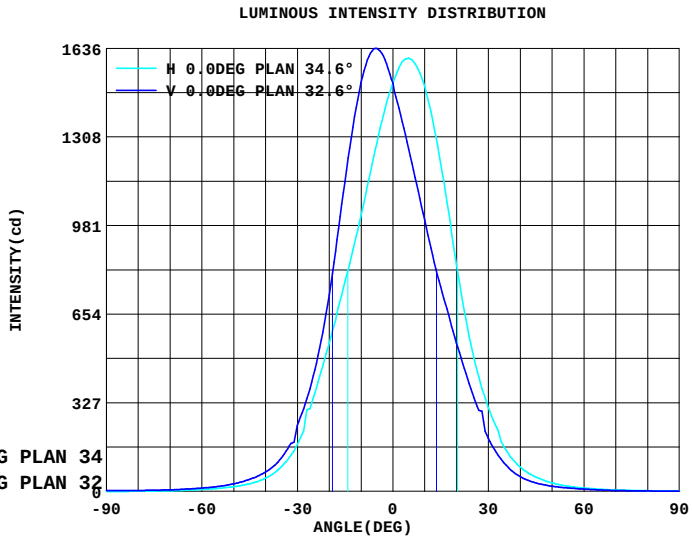
Report number:

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

MODEL:					
NOMINAL POWER(W):	10	Imax(cd):	1700	Voltage(V)	11.99
RATED VOLTAGE(V):	12	AVAILABILITY(%):	83.7	Current(A)	0.792
NOMINAL FLUX(lm):	737	Avai. FLUX(lm):	616.5	Power(W)	9.510
TEST FLUX(lm):	737	EFFICIENCY(%):	100.0	Power Factor(PF)	1.000
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	736.8	EFFICIENCY(lm/W)	77.5
Effictive Flux(lm) :	616.5	θ @50%(H, V):	33.8,33.0DEG	EEI:	0.183



AVERAGE BEAM ANGLE(50%):33.6 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.:

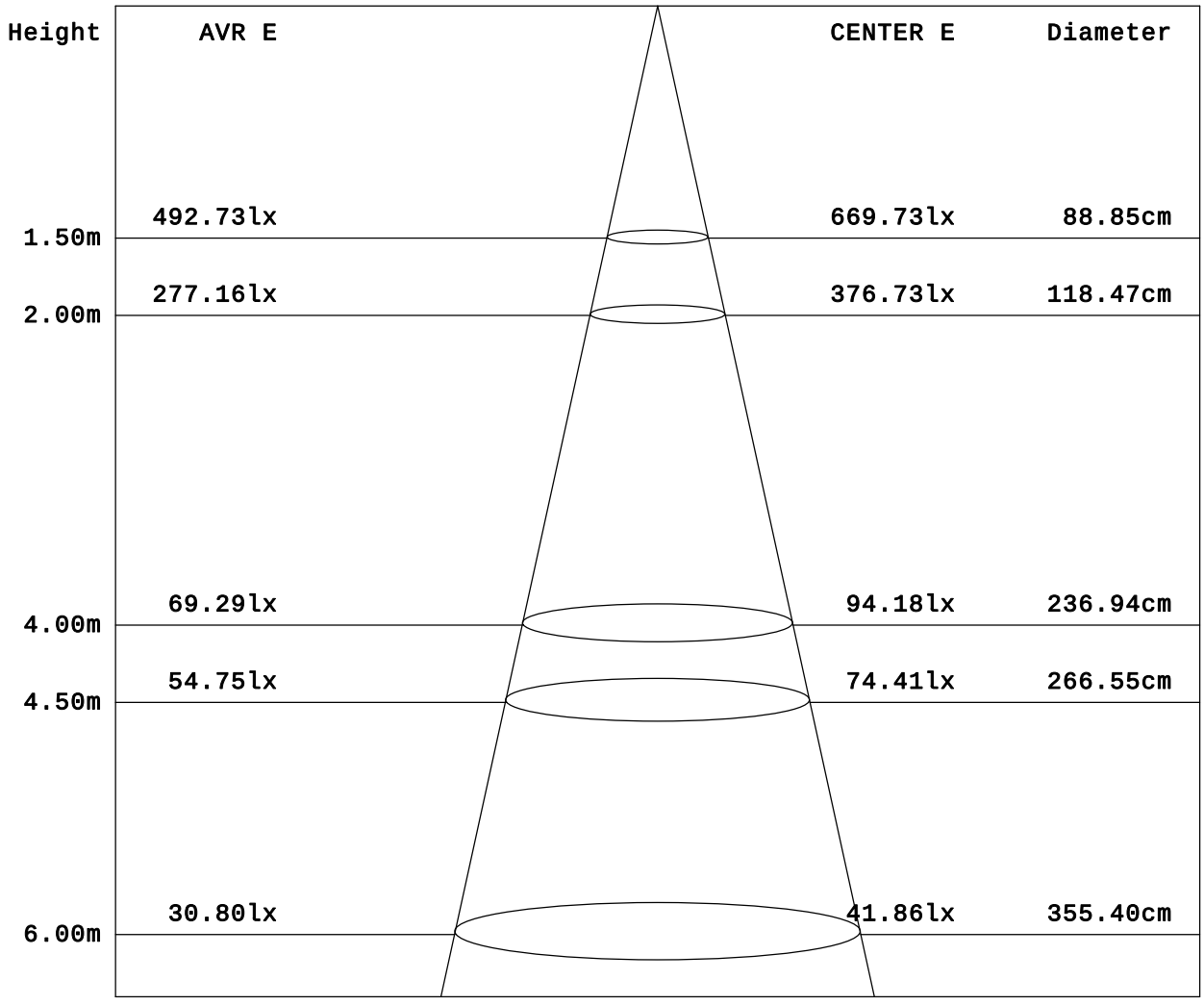
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

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:33.0deg

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.:

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	0.08	0.10	0.14	0.17	0.21	0.24	0.28	0.31	0.32	0.32	0.31	0.28	0.25	0.21	0.17	0.14	0.11	0.08	3.71	0.00
40	0.09	0.13	0.18	0.24	0.32	0.40	0.48	0.55	0.58	0.58	0.56	0.49	0.41	0.33	0.25	0.19	0.14	0.10	6.02	0.00
35	0.11	0.16	0.24	0.36	0.50	0.67	0.86	1.00	1.09	1.10	1.03	0.89	0.71	0.53	0.38	0.27	0.19	0.13	10.2	0.82
30	0.13	0.20	0.33	0.52	0.80	1.12	1.53	1.91	2.13	2.16	2.01	1.64	1.21	0.86	0.58	0.39	0.25	0.17	17.9	12.0
25	0.15	0.25	0.43	0.74	1.19	1.90	2.58	3.09	3.40	3.49	3.31	2.82	2.12	1.38	0.89	0.55	0.34	0.21	28.8	24.5
20	0.17	0.31	0.56	1.00	1.80	2.76	3.64	4.39	4.85	5.09	4.94	4.22	3.21	2.20	1.32	0.76	0.44	0.26	41.9	38.5
15	0.19	0.36	0.68	1.29	2.39	3.55	4.67	5.64	6.42	6.99	6.96	5.96	4.52	3.05	1.84	1.01	0.55	0.31	56.4	53.3
	0.21	0.40	0.78	1.58	2.83	4.23	5.61	6.88	8.20	9.13	9.23	7.93	5.91	3.87	2.32	1.26	0.65	0.35	71.4	68.6
	0.21	0.41	0.82	1.72	3.08	4.67	6.38	8.23	9.97	11.0	11.0	9.56	7.07	4.51	2.64	1.45	0.72	0.38	83.9	81.3
	0.21	0.40	0.80	1.69	3.08	4.80	6.84	9.17	11.2	12.4	12.0	10.1	7.46	4.69	2.72	1.49	0.74	0.39	90.4	87.8
	0.20	0.37	0.73	1.48	2.78	4.45	6.58	9.07	11.2	12.2	11.6	9.67	6.93	4.31	2.52	1.36	0.69	0.37	86.7	84.0
-15	0.18	0.33	0.61	1.16	2.23	3.61	5.40	7.58	9.50	10.2	9.70	8.15	5.72	3.60	2.15	1.14	0.61	0.34	72.3	69.2
-20	0.15	0.27	0.48	0.86	1.53	2.59	3.90	5.40	6.66	7.20	6.83	5.71	4.20	2.76	1.65	0.91	0.51	0.29	51.9	48.5
-25	0.13	0.22	0.36	0.61	0.99	1.63	2.53	3.41	4.08	4.38	4.19	3.59	2.79	1.91	1.15	0.69	0.41	0.24	33.3	29.1
-30	0.11	0.17	0.26	0.41	0.65	1.00	1.46	1.97	2.36	2.53	2.45	2.12	1.65	1.17	0.79	0.51	0.32	0.19	20.1	14.7
-35	0.09	0.13	0.19	0.28	0.42	0.61	0.84	1.04	1.21	1.30	1.28	1.15	0.95	0.73	0.53	0.36	0.23	0.15	11.5	2.59
-40	0.07	0.10	0.14	0.20	0.28	0.38	0.50	0.61	0.69	0.73	0.72	0.66	0.57	0.46	0.35	0.25	0.17	0.11	6.98	0.00
-45	0.05	0.08	0.10	0.14	0.19	0.25	0.31	0.37	0.41	0.44	0.43	0.40	0.35	0.29	0.23	0.16	0.12	0.08	4.41	0.00
HORIZONTAL(DEG)																				
Φ t	2.52	4.38	7.84	14.4	25.3	38.9	54.4	70.7	84.4	91.4	88.7	75.5	56.0	36.9	22.5	12.9	7.18	4.14	737	
Φ a	0.00	0.00	0.00	8.02	20.4	34.6	50.5	67.0	80.9	88.0	85.2	71.9	52.2	32.6	17.5	6.18	0.00	0.00		617

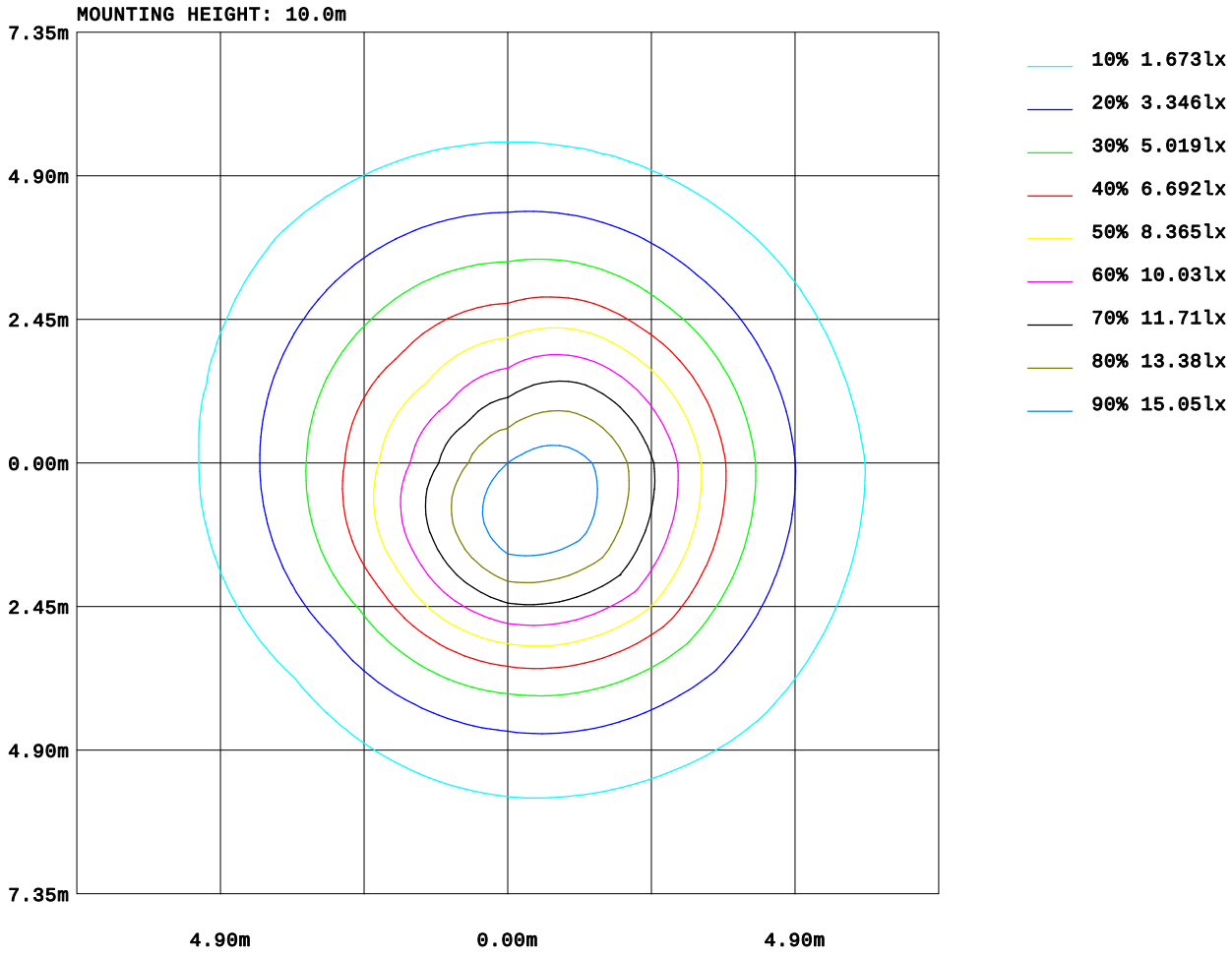
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

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: