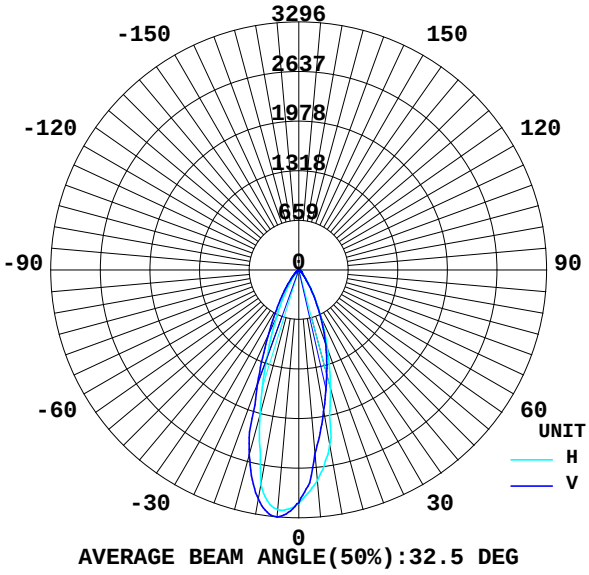
LUMINAIRE PHOTOMETRIC TEST REPORT

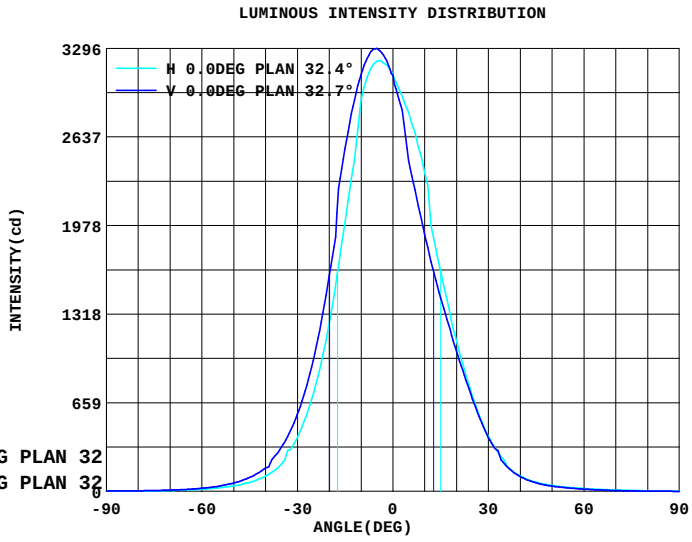
Report number:

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

MODEL:					
NOMINAL POWER(W):	18	Imax(cd):	3296	Voltage(V)	23.68
RATED VOLTAGE(V):	24	AVAILABILITY(%):	84.8	Current(A)	0.760
NOMINAL FLUX(lm):	1415	Avai. FLUX(lm):	1200	Power(W)	18.02
TEST FLUX(lm):	1415	EFFICIENCY(%):	100.0	Power Factor(PF)	1.000
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	1415	EFFICIENCY(lm/W)	78.5
Effictive Flux(lm) :	1200.1	θ @50%(H, V):	32.6,32.7DEG	EEI:	0.202



AVERAGE BEAM ANGLE(50%):32.5 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.:

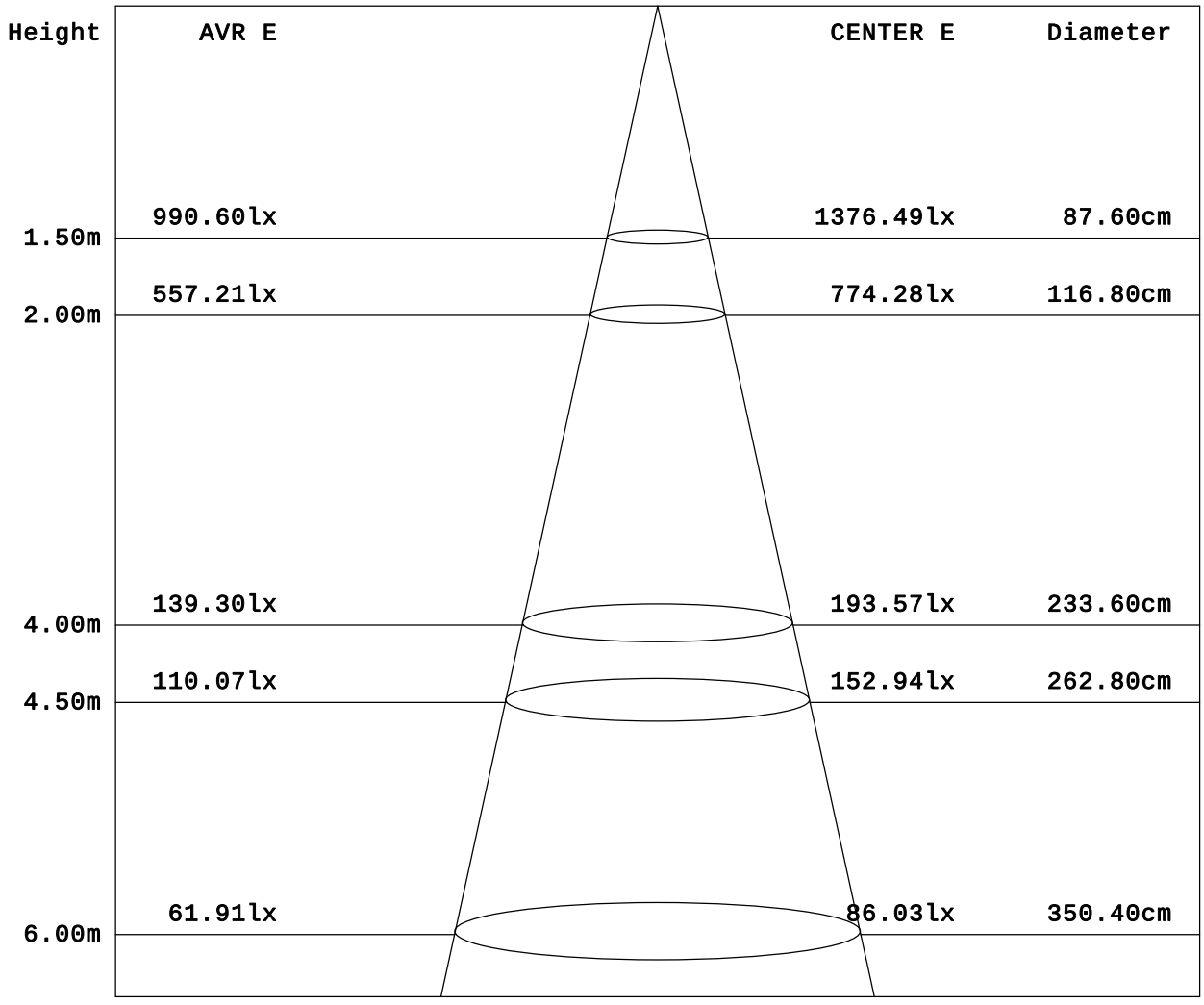
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11日

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:32.6deg

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	HORIZONTAL(DEG) 10	15	20	25	30	35	40	45	Φ t	Φ a
45	0.14	0.19	0.25	0.32	0.40	0.48	0.55	0.61	0.64	0.64	0.62	0.56	0.49	0.41	0.33	0.26	0.20	0.15	7.24	0.00
40	0.18	0.25	0.34	0.46	0.60	0.77	0.94	1.07	1.15	1.15	1.08	0.96	0.80	0.63	0.48	0.35	0.26	0.19	11.6	0.00
35	0.22	0.32	0.46	0.67	0.95	1.31	1.73	2.08	2.28	2.29	2.12	1.77	1.35	0.99	0.71	0.48	0.33	0.23	20.3	3.02
30	0.26	0.41	0.64	0.99	1.58	2.30	3.04	3.68	4.04	4.04	3.70	3.10	2.40	1.65	1.04	0.67	0.42	0.27	34.2	23.5
25	0.32	0.52	0.86	1.51	2.46	3.67	5.00	6.06	6.55	6.48	5.91	4.91	3.71	2.57	1.58	0.90	0.54	0.33	53.9	46.0
20	0.37	0.64	1.15	2.13	3.56	5.53	7.55	9.05	9.56	9.27	8.40	6.97	5.29	3.60	2.23	1.20	0.67	0.38	77.6	70.9
15	0.43	0.76	1.48	2.76	4.81	7.60	10.5	12.7	13.2	12.3	10.9	9.04	6.91	4.70	2.83	1.55	0.79	0.44	104	98.2
	0.47	0.86	1.75	3.32	5.94	9.66	13.9	18.0	17.9	16.3	13.9	11.2	8.44	5.65	3.36	1.84	0.89	0.48	134	129
	0.49	0.92	1.90	3.65	6.66	11.2	17.0	21.9	22.4	20.7	18.1	13.6	9.61	6.26	3.67	1.98	0.95	0.50	162	157
	0.50	0.94	1.95	3.76	6.91	11.8	18.1	23.4	24.6	23.4	20.3	14.8	10.0	6.35	3.67	1.97	0.94	0.49	174	169
	0.49	0.92	1.89	3.60	6.55	11.2	17.0	22.3	24.2	23.4	19.3	14.0	9.39	5.84	3.35	1.80	0.87	0.47	167	162
-15	0.46	0.85	1.68	3.15	5.57	9.31	14.1	18.5	21.1	20.2	16.3	11.6	7.71	4.82	2.80	1.50	0.76	0.42	141	136
-20	0.42	0.74	1.36	2.55	4.32	6.92	10.0	13.1	15.2	14.7	11.8	8.50	5.66	3.60	2.15	1.14	0.63	0.37	103	97.1
-25	0.36	0.61	1.05	1.89	3.13	4.71	6.54	8.28	9.42	9.17	7.63	5.72	3.89	2.48	1.47	0.84	0.50	0.31	68.0	60.5
-30	0.29	0.49	0.79	1.28	2.09	3.05	4.06	5.00	5.61	5.49	4.66	3.60	2.53	1.57	0.96	0.61	0.39	0.25	42.7	33.9
-35	0.23	0.37	0.58	0.88	1.28	1.84	2.44	2.94	3.25	3.18	2.73	2.14	1.51	1.00	0.65	0.44	0.30	0.20	26.0	12.6
-40	0.18	0.28	0.41	0.60	0.82	1.08	1.37	1.63	1.82	1.78	1.53	1.21	0.91	0.66	0.45	0.31	0.22	0.16	15.4	0.00
-45	0.13	0.20	0.29	0.40	0.53	0.67	0.81	0.93	1.00	0.99	0.88	0.73	0.58	0.44	0.32	0.23	0.16	0.12	9.41	0.00
Φ t	5.92	10.2	18.8	33.9	58.2	93.3	135	172	184	176	150	115	81.2	53.2	32.0	18.1	9.83	5.74	1415	
Φ a	0.00	0.00	3.32	23.5	49.7	85.9	128	165	179	170	144	108	73.8	44.5	21.5	2.89	0.00	0.00		1200

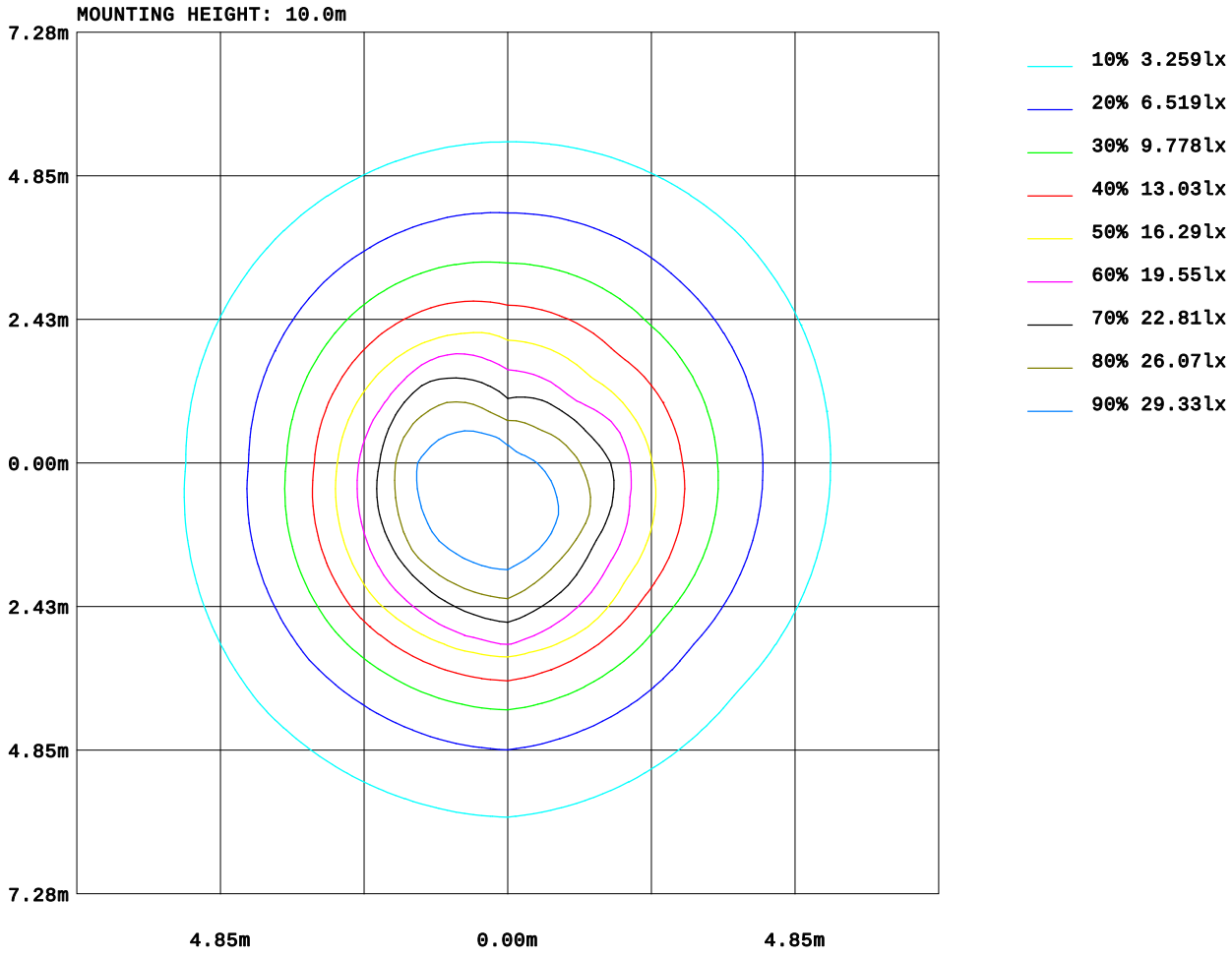
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月11日

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%
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Remarks: