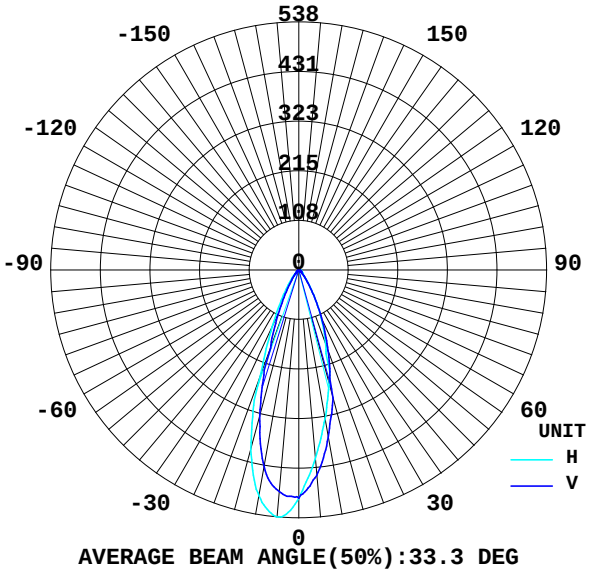
LUMINAIRE PHOTOMETRIC TEST REPORT

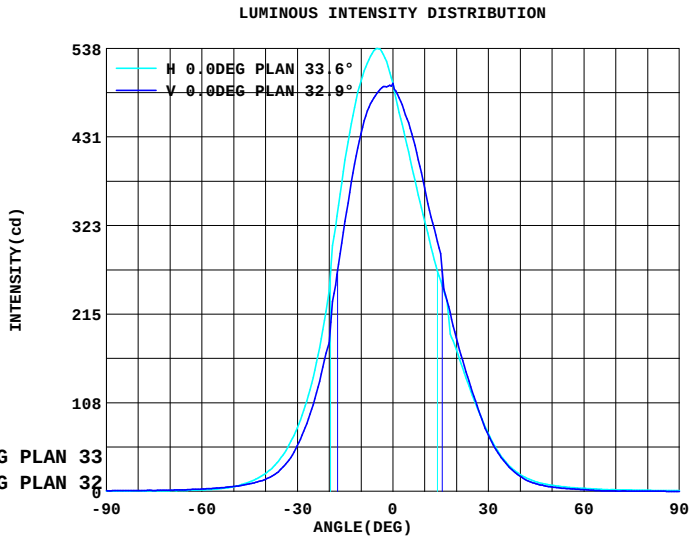
Report number:

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

MODEL:					
NOMINAL POWER(W):	3	Imax(cd):	538.3	Voltage(V)	11.75
RATED VOLTAGE(V):	12	AVAILABILITY(%):	84.2	Current(A)	0.251
NOMINAL FLUX(lm):	225	Avai. FLUX(lm):	189.6	Power(W)	2.950
TEST FLUX(lm):	225	EFFICIENCY(%):	100.0	Power Factor(PF)	1.000
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	225.1	EFFICIENCY(lm/W)	76.3
Effictive Flux(lm) :	189.7	θ @50%(H, V):	33.6,33.5DEG	EEI:	0.138



AVERAGE BEAM ANGLE(50%):33.3 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.:

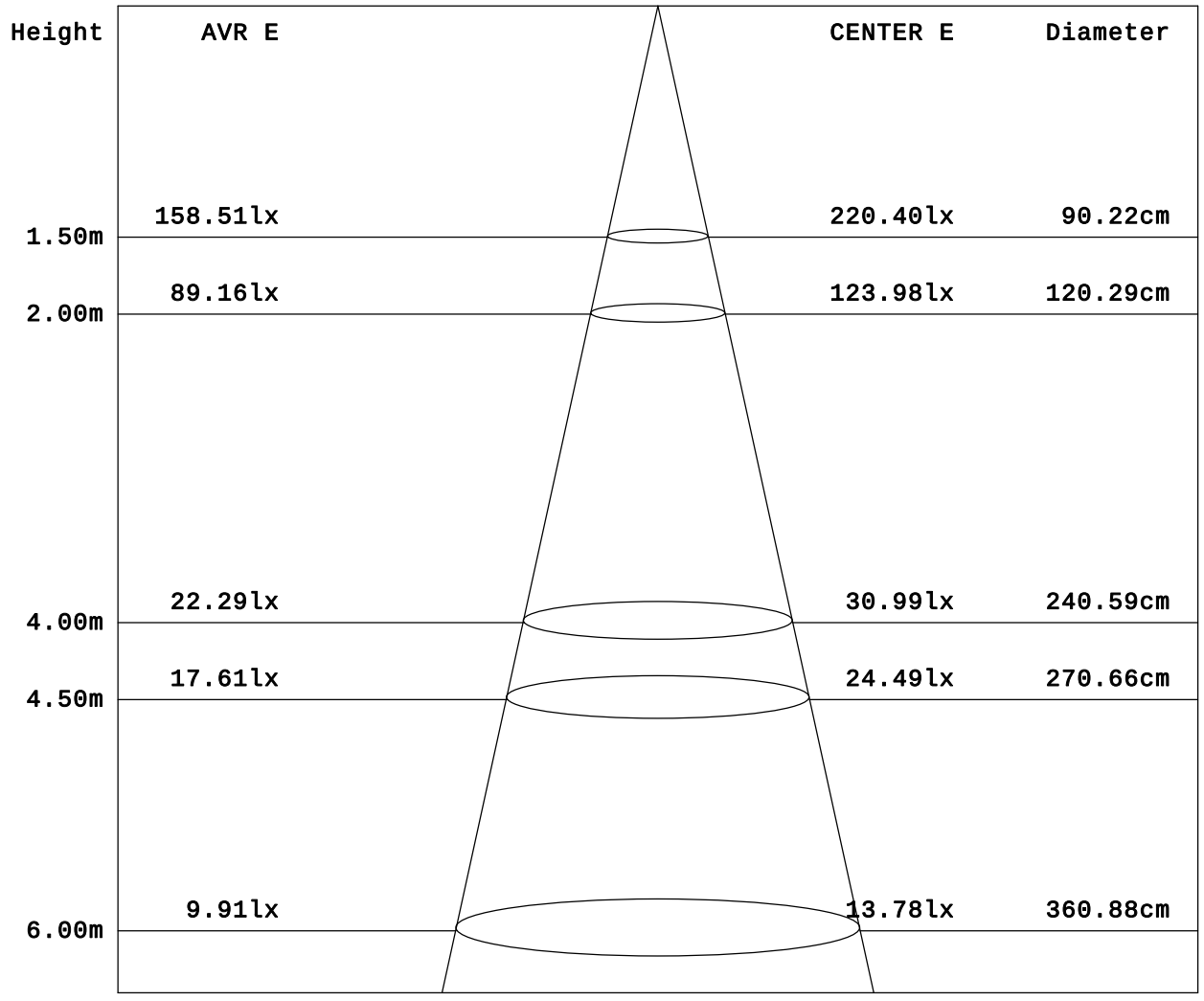
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

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:33.5deg

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	0.02	0.03	0.04	0.05	0.06	0.07	0.09	0.10	0.10	0.10	0.10	0.09	0.08	0.07	0.06	0.05	0.04	0.03	1.17	0.00
40	0.03	0.04	0.06	0.08	0.10	0.13	0.16	0.19	0.20	0.20	0.20	0.18	0.15	0.11	0.09	0.06	0.05	0.03	2.03	0.00
35	0.03	0.05	0.08	0.11	0.17	0.23	0.30	0.35	0.38	0.39	0.37	0.32	0.26	0.19	0.14	0.09	0.06	0.04	3.56	0.67
30	0.04	0.07	0.11	0.18	0.28	0.40	0.54	0.65	0.71	0.70	0.65	0.55	0.43	0.31	0.21	0.13	0.08	0.05	6.07	4.38
25	0.05	0.09	0.16	0.27	0.44	0.67	0.91	1.09	1.17	1.14	1.03	0.87	0.67	0.47	0.30	0.17	0.10	0.06	9.68	8.42
20	0.06	0.12	0.22	0.39	0.66	1.02	1.48	1.78	1.79	1.67	1.46	1.20	0.93	0.65	0.40	0.23	0.12	0.07	14.2	13.2
15	0.07	0.14	0.28	0.51	0.90	1.52	2.22	2.61	2.62	2.35	1.98	1.55	1.16	0.81	0.50	0.28	0.15	0.08	19.7	18.8
	0.08	0.17	0.33	0.63	1.13	2.00	2.86	3.39	3.33	2.90	2.34	1.89	1.36	0.94	0.58	0.32	0.16	0.08	24.5	23.6
	0.09	0.18	0.36	0.70	1.29	2.33	3.26	3.82	3.82	3.32	2.69	2.10	1.51	1.00	0.62	0.34	0.17	0.09	27.7	26.9
	0.09	0.18	0.36	0.69	1.27	2.32	3.28	3.83	3.90	3.46	2.85	2.19	1.51	0.99	0.60	0.33	0.17	0.08	28.1	27.3
	0.08	0.16	0.32	0.61	1.09	1.96	2.90	3.46	3.59	3.32	2.75	2.06	1.35	0.88	0.53	0.28	0.15	0.08	25.5	24.6
-15	0.07	0.13	0.26	0.48	0.85	1.41	2.21	2.77	2.95	2.77	2.26	1.59	1.08	0.70	0.42	0.23	0.12	0.06	20.4	19.4
-20	0.06	0.10	0.19	0.35	0.60	0.95	1.36	1.79	2.00	1.88	1.52	1.11	0.77	0.49	0.30	0.17	0.09	0.05	13.8	12.6
-25	0.04	0.08	0.13	0.23	0.38	0.59	0.82	1.00	1.09	1.05	0.92	0.71	0.49	0.31	0.19	0.12	0.07	0.04	8.26	6.86
-30	0.03	0.06	0.09	0.14	0.22	0.33	0.45	0.55	0.60	0.58	0.51	0.40	0.29	0.19	0.12	0.08	0.05	0.03	4.71	2.80
-35	0.02	0.04	0.06	0.09	0.13	0.18	0.23	0.28	0.30	0.29	0.26	0.21	0.16	0.11	0.07	0.05	0.03	0.02	2.55	0.00
-40	0.02	0.03	0.04	0.06	0.08	0.10	0.12	0.14	0.15	0.15	0.14	0.12	0.09	0.07	0.05	0.03	0.02	0.02	1.42	0.00
-45	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.08	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.86	0.00
HORIZONTAL(DEG)																				
Φ t	0.91	1.68	3.10	5.59	9.71	16.3	23.3	27.9	28.8	26.4	22.1	17.2	12.3	8.35	5.20	2.96	1.63	0.93	225	
Φ a	0.00	0.00	0.81	4.01	8.36	15.1	22.2	26.8	27.7	25.3	21.0	16.1	11.1	6.96	3.54	0.53	0.00	0.00		190

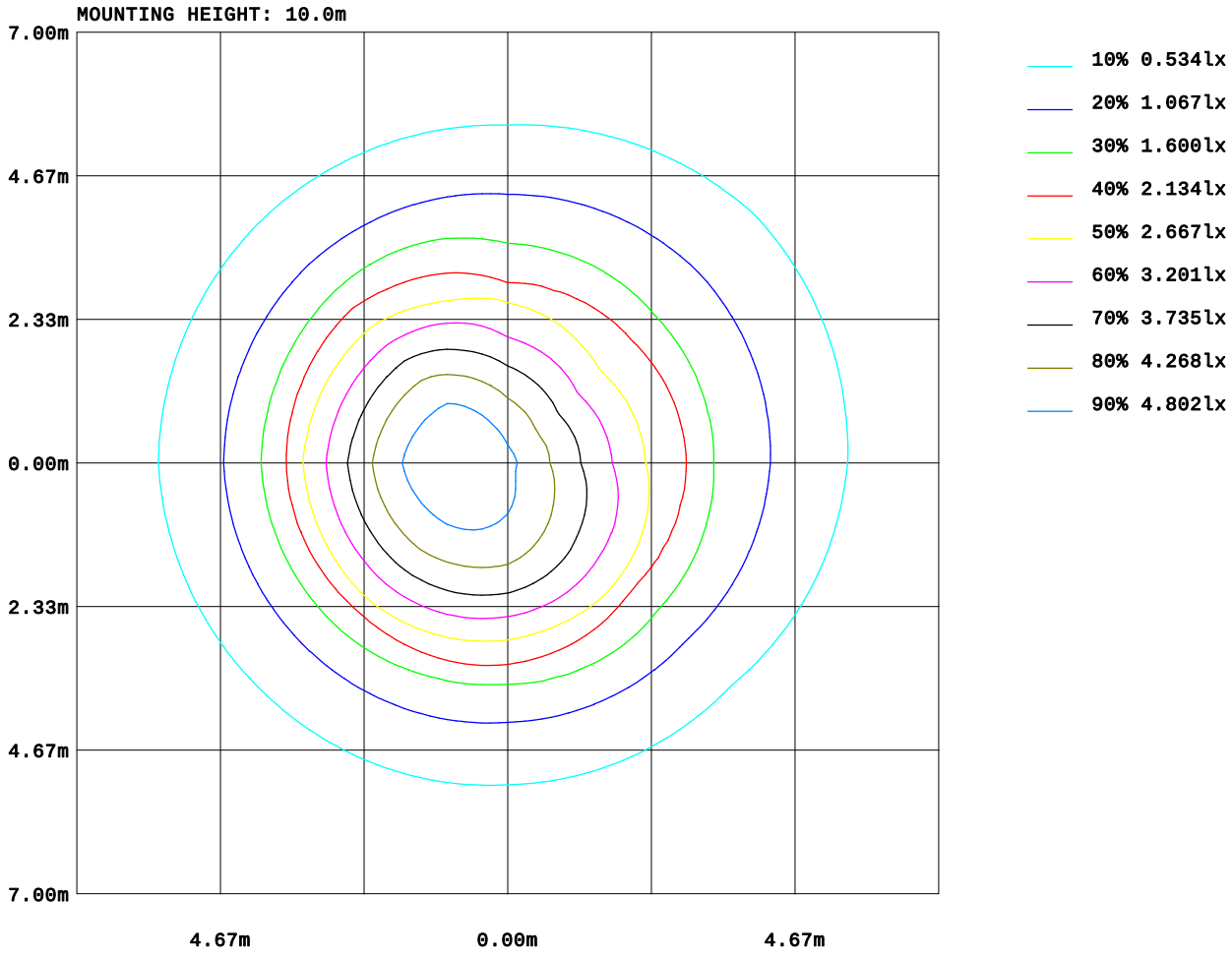
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

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%
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Remarks: