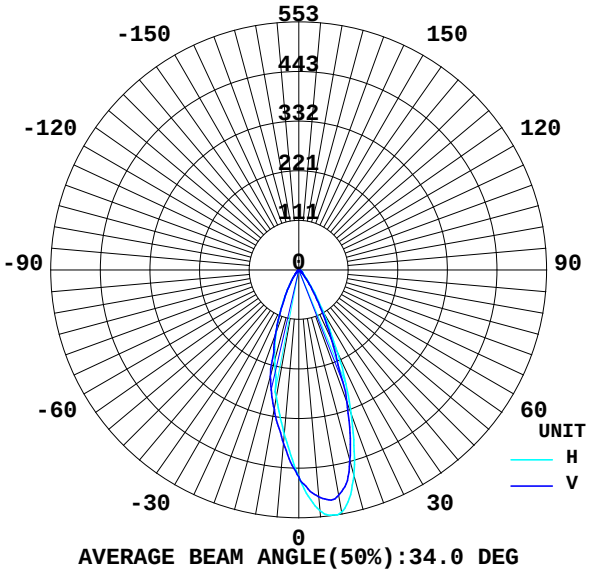
LUMINAIRE PHOTOMETRIC TEST REPORT

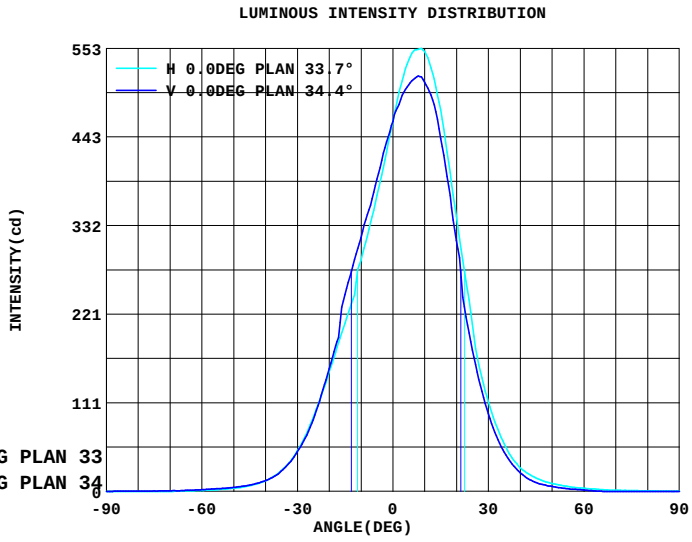
Report number:

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

MODEL:					
NOMINAL POWER(W):	3	Imax(cd):	590.2	Voltage(V)	12.01
RATED VOLTAGE(V):	12	AVAILABILITY(%):	86.9	Current(A)	0.270
NOMINAL FLUX(lm):	243	Avai. FLUX(lm):	211.3	Power(W)	3.250
TEST FLUX(lm):	243	EFFICIENCY(%):	100.0	Power Factor(PF)	1.000
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	243.2	EFFICIENCY(lm/W)	74.8
Effictive Flux(lm) :	211.4	θ @50%(H, V):	33.7,34.3DEG	EEI:	0.140



AVERAGE BEAM ANGLE(50%):34.0 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.:

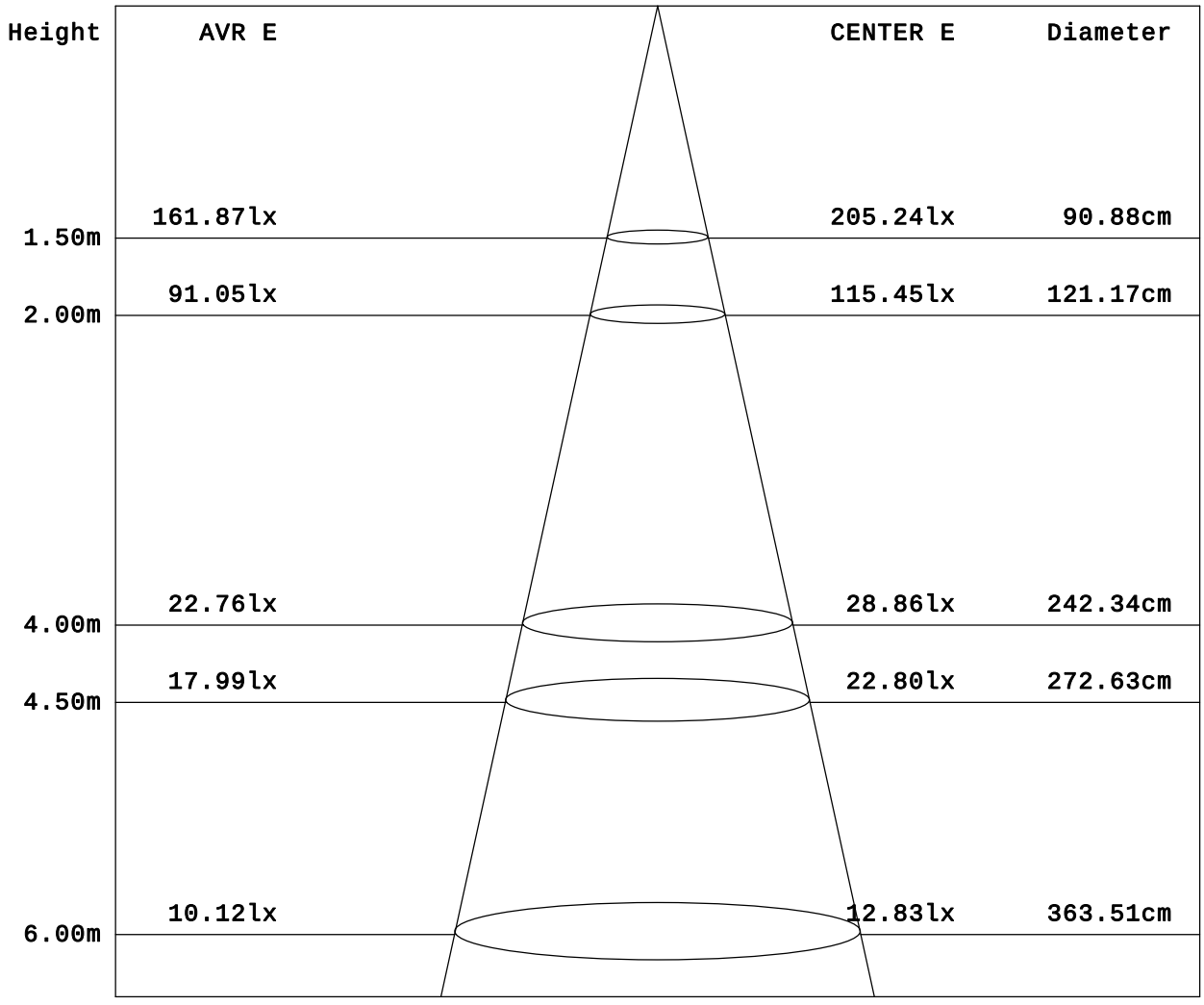
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

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:33.7deg

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	0.08	0.09	0.11	0.12	0.13	0.14	0.14	0.13	0.11	0.09	0.07	0.05	0.03	1.49	0.00
40	0.02	0.03	0.05	0.07	0.10	0.14	0.18	0.22	0.26	0.28	0.29	0.28	0.24	0.20	0.15	0.11	0.07	0.04	2.74	0.00
35	0.03	0.04	0.07	0.11	0.17	0.25	0.34	0.44	0.51	0.56	0.57	0.53	0.45	0.35	0.25	0.16	0.10	0.06	4.97	2.39
30	0.03	0.06	0.10	0.16	0.27	0.42	0.62	0.81	0.97	1.06	1.07	0.95	0.78	0.58	0.39	0.23	0.13	0.07	8.71	7.23
25	0.04	0.07	0.13	0.24	0.42	0.68	1.01	1.37	1.70	1.90	1.90	1.69	1.30	0.89	0.55	0.31	0.17	0.09	14.4	13.2
20	0.05	0.09	0.17	0.33	0.59	0.98	1.50	2.14	2.68	2.99	3.00	2.68	2.06	1.25	0.72	0.40	0.21	0.11	21.9	20.9
15	0.05	0.10	0.21	0.41	0.76	1.26	1.93	2.66	3.37	3.81	3.87	3.54	2.65	1.64	0.89	0.48	0.24	0.12	28.0	27.0
	0.06	0.11	0.24	0.47	0.87	1.43	2.08	2.80	3.56	4.13	4.33	3.88	2.97	1.91	1.02	0.53	0.26	0.13	30.8	29.9
	0.06	0.12	0.24	0.48	0.87	1.38	1.96	2.66	3.36	3.98	4.25	3.91	3.03	1.98	1.05	0.55	0.26	0.13	30.3	29.4
	0.05	0.11	0.23	0.46	0.81	1.26	1.74	2.34	2.93	3.54	3.81	3.54	2.74	1.79	0.97	0.51	0.25	0.12	27.2	26.3
	0.05	0.10	0.20	0.40	0.71	1.09	1.50	1.94	2.47	2.92	3.07	2.78	2.12	1.41	0.79	0.42	0.21	0.11	22.3	21.3
-15	0.04	0.08	0.16	0.31	0.55	0.86	1.19	1.60	1.99	2.27	2.27	1.89	1.46	0.99	0.58	0.32	0.17	0.09	16.8	15.7
-20	0.03	0.06	0.12	0.22	0.38	0.60	0.88	1.16	1.39	1.52	1.46	1.21	0.91	0.63	0.39	0.23	0.13	0.07	11.4	10.0
-25	0.03	0.05	0.09	0.15	0.24	0.39	0.57	0.75	0.88	0.93	0.89	0.74	0.54	0.37	0.24	0.15	0.09	0.05	7.14	5.46
-30	0.02	0.03	0.06	0.09	0.15	0.23	0.33	0.43	0.50	0.52	0.49	0.41	0.31	0.21	0.14	0.10	0.06	0.04	4.13	1.53
-35	0.02	0.02	0.04	0.06	0.09	0.13	0.18	0.23	0.26	0.27	0.26	0.22	0.17	0.12	0.08	0.06	0.04	0.03	2.29	0.00
-40	0.01	0.02	0.02	0.04	0.05	0.08	0.10	0.12	0.14	0.14	0.13	0.12	0.10	0.07	0.05	0.03	0.03	0.02	1.26	0.00
-45	0.01	0.01	0.02	0.02	0.03	0.05	0.06	0.07	0.08	0.08	0.07	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.73	0.00
Φ t	0.61	1.14	2.17	4.07	7.12	11.3	16.2	21.8	27.2	31.0	31.9	28.6	22.0	14.5	8.40	4.66	2.47	1.33	243	
Φ a	0.00	0.00	0.00	1.72	5.49	9.88	15.0	20.7	26.0	30.0	30.7	27.5	20.8	13.3	6.93	2.66	0.00	0.00		211

HORIZONTAL(DEG)

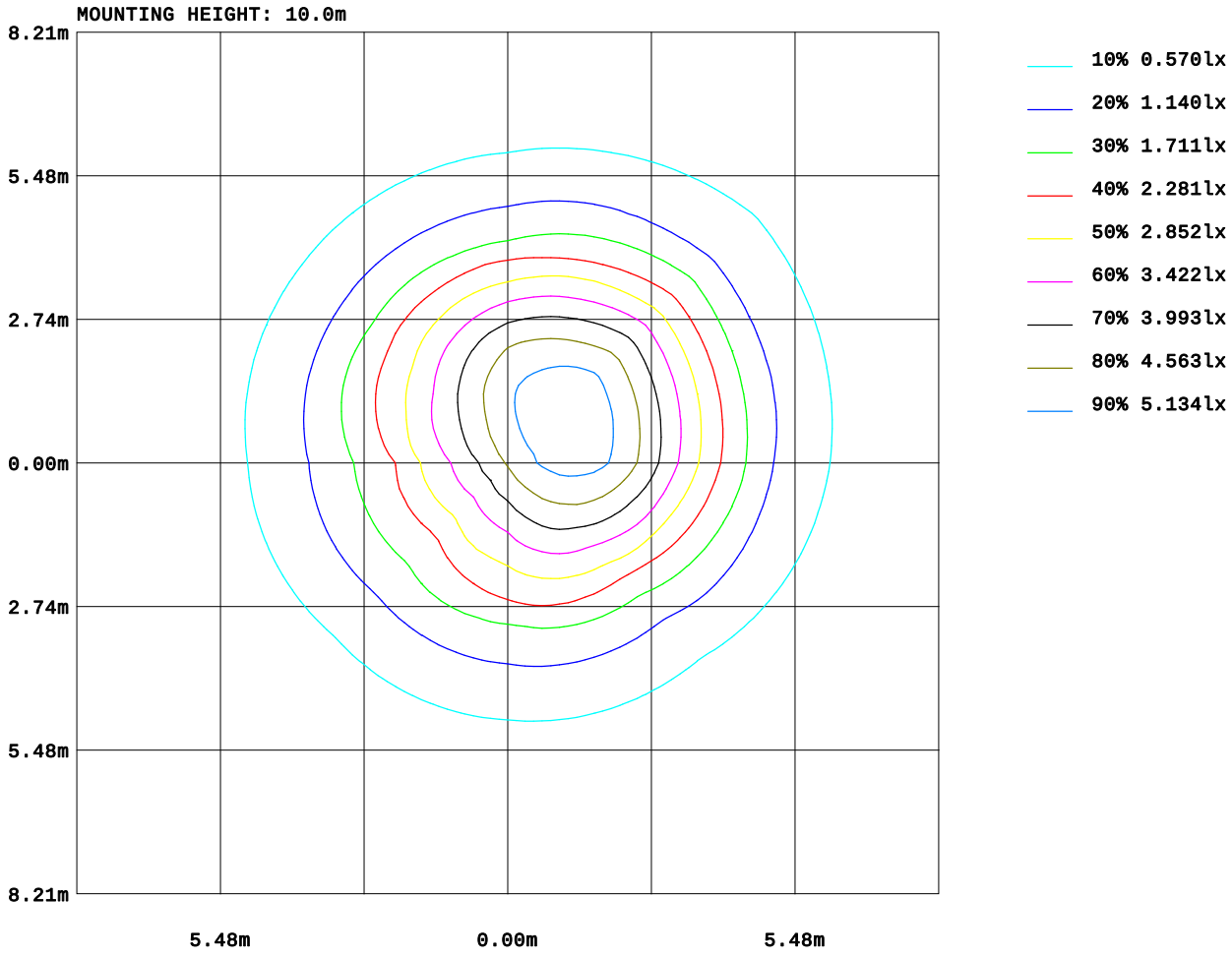
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

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: