

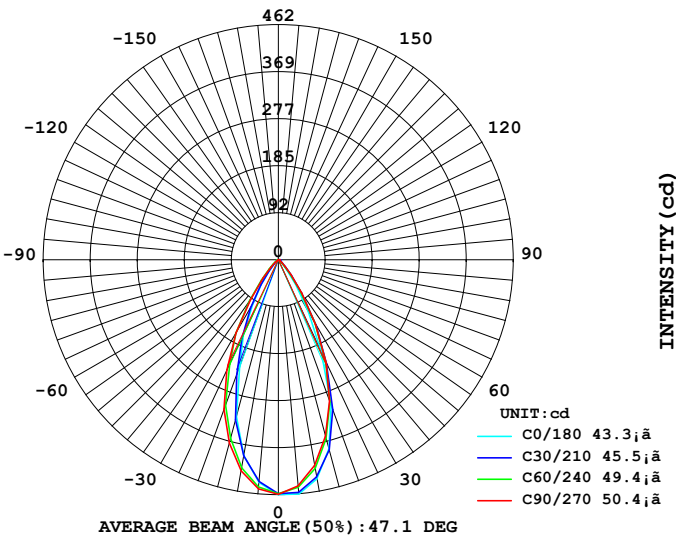
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

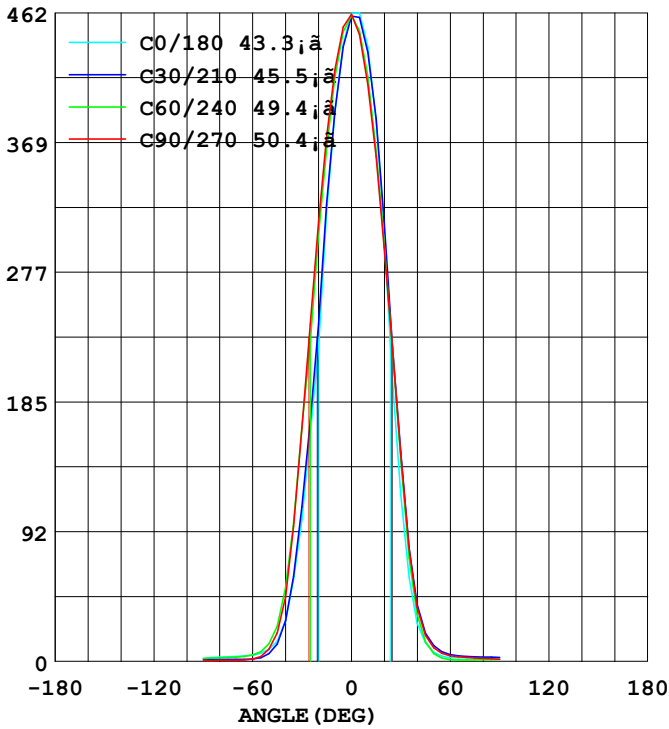
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	461.5	S/MH (C0/180)	0.64
MODEL	ARYA 2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.80
NOMINAL POWER (W)	3	TOTAL FLUX (lm)	313.22	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	90.8	Current (A)	0.018
NOMINAL FLUX (lm)	313.2	η up (%)	0.0	Power (W)	3.450
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.994
TEST VOLTAGE (V)	219.5	Effictive Flux (lm)	281.6	EEI	0.121

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:

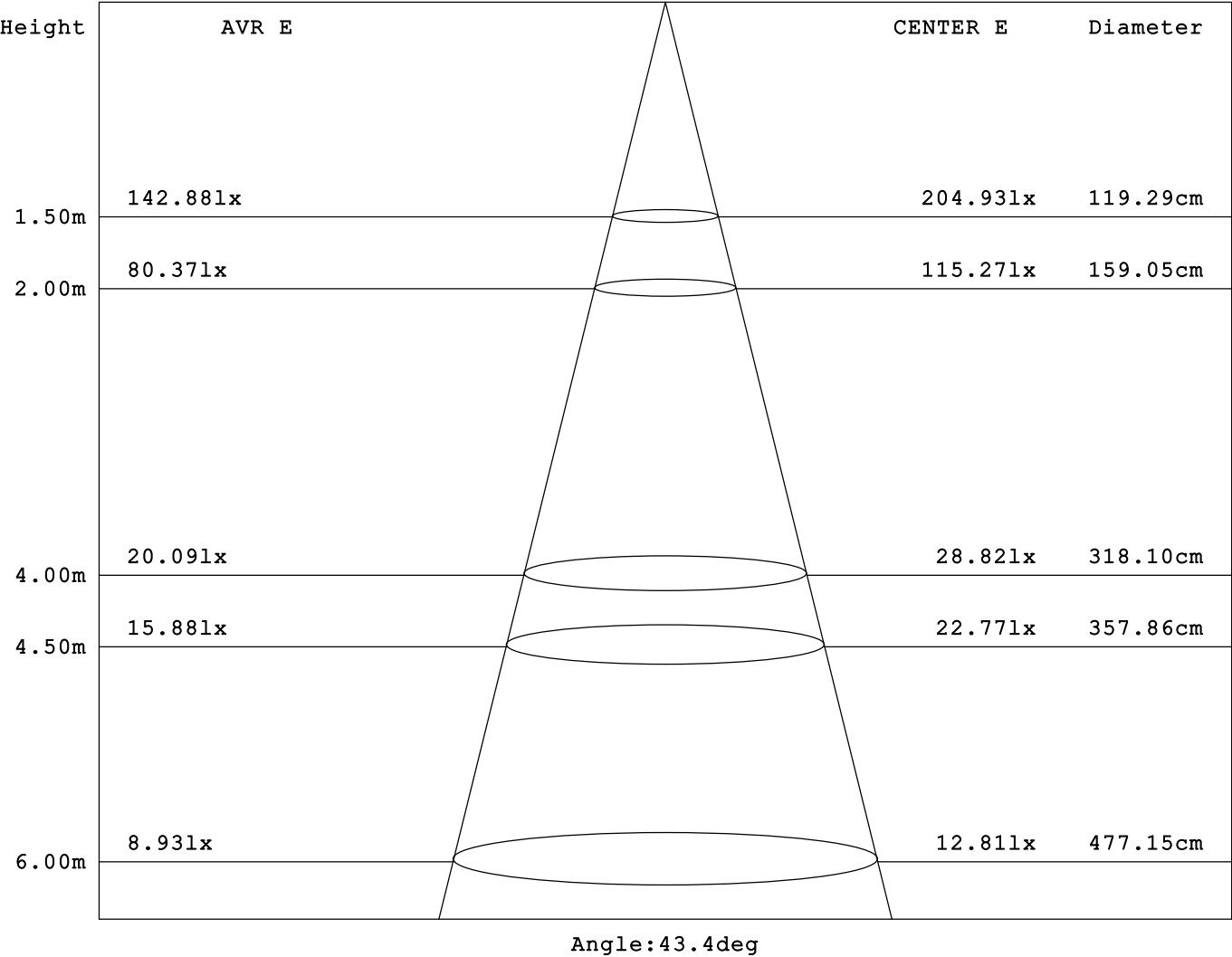
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

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Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	390.7	403.5	420.8	434.2	437.2	424.8	410.4	394.0	0- 10	41.72	41.72
20.0	223.9	271.8	312.6	319.1	303.8	305.1	294.4	255.5	10- 20	99.12	140.8
30.0	101.0	138.6	165.9	152.8	118.4	146.2	146.6	116.9	20- 30	95.71	236.5
40.0	28.97	40.85	45.95	41.39	27.16	37.06	38.43	29.62	30- 40	49.94	286.5
50.0	8.453	9.031	8.742	10.18	6.574	8.417	9.609	6.249	40- 50	15.08	301.6
60.0	4.407	3.142	1.661	3.431	2.673	3.106	4.046	2.492	50- 60	4.635	306.2
70.0	3.540	2.239	0.795	2.275	2.673	2.275	2.745	1.878	60- 70	2.567	308.8
80.0	3.106	2.023	0.722	2.059	2.890	2.131	2.167	1.697	70- 80	2.281	311.0
90.0	1.878	1.950	0.795	2.059	2.312	2.095	1.589	1.589	80- 90	2.134	313.2
100.0									90-100		
110.0									100-110		
120.0									110-120		
130.0									120-130		
140.0									130-140		
150.0									140-150		
160.0									150-160		
170.0									160-170		
180.0									170-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

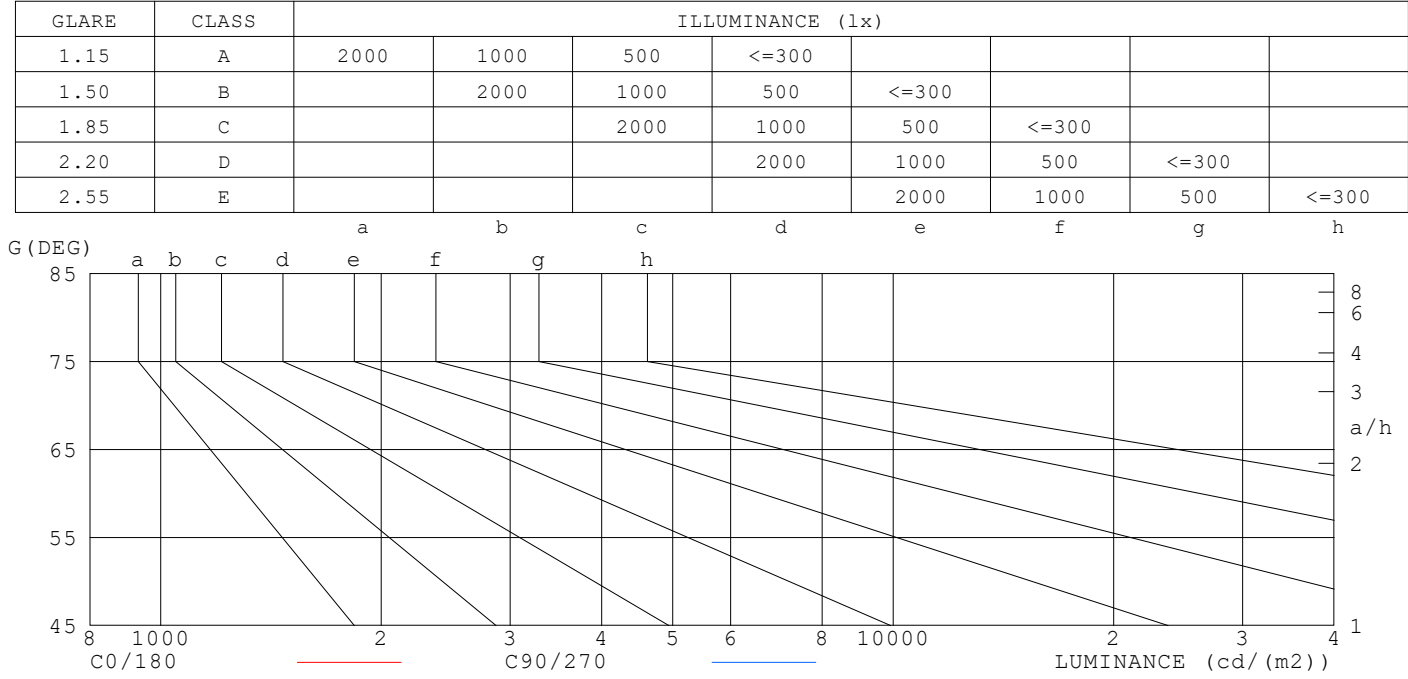
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	332	75
80	179	42
75	128	28
70	104	23
65	92	22
60	88	33
55	100	63
50	132	136
45	204	289

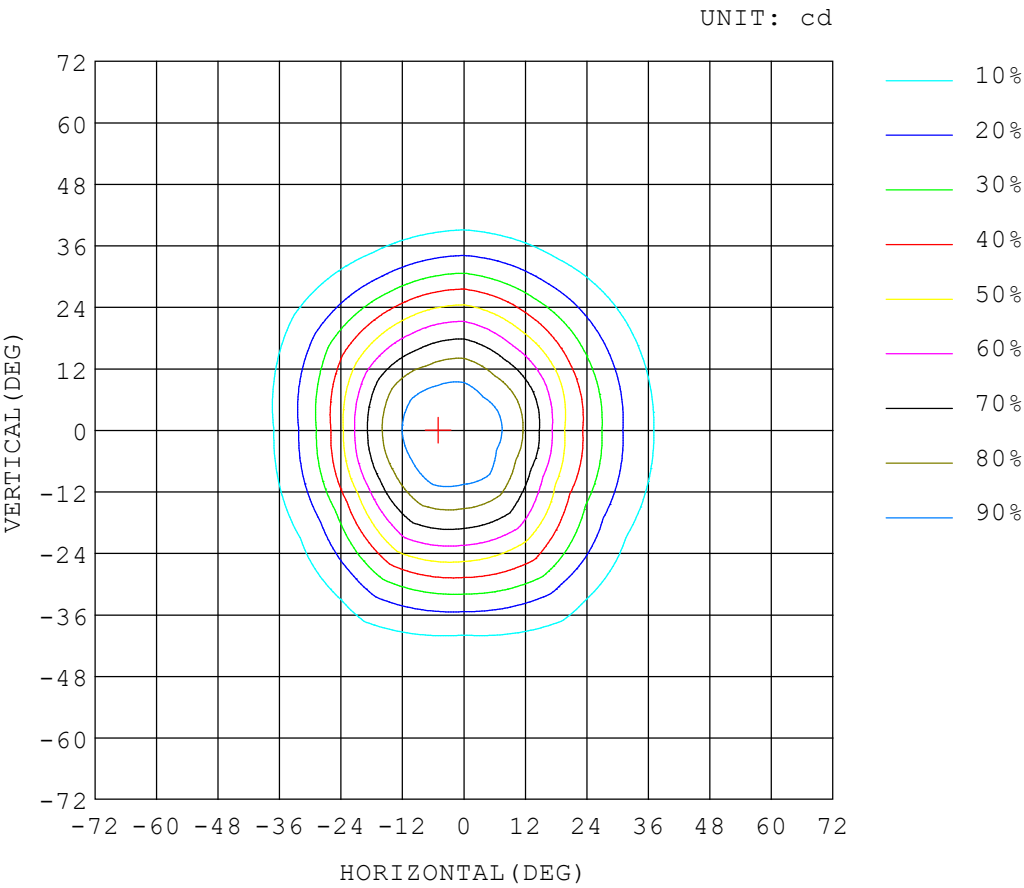
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:



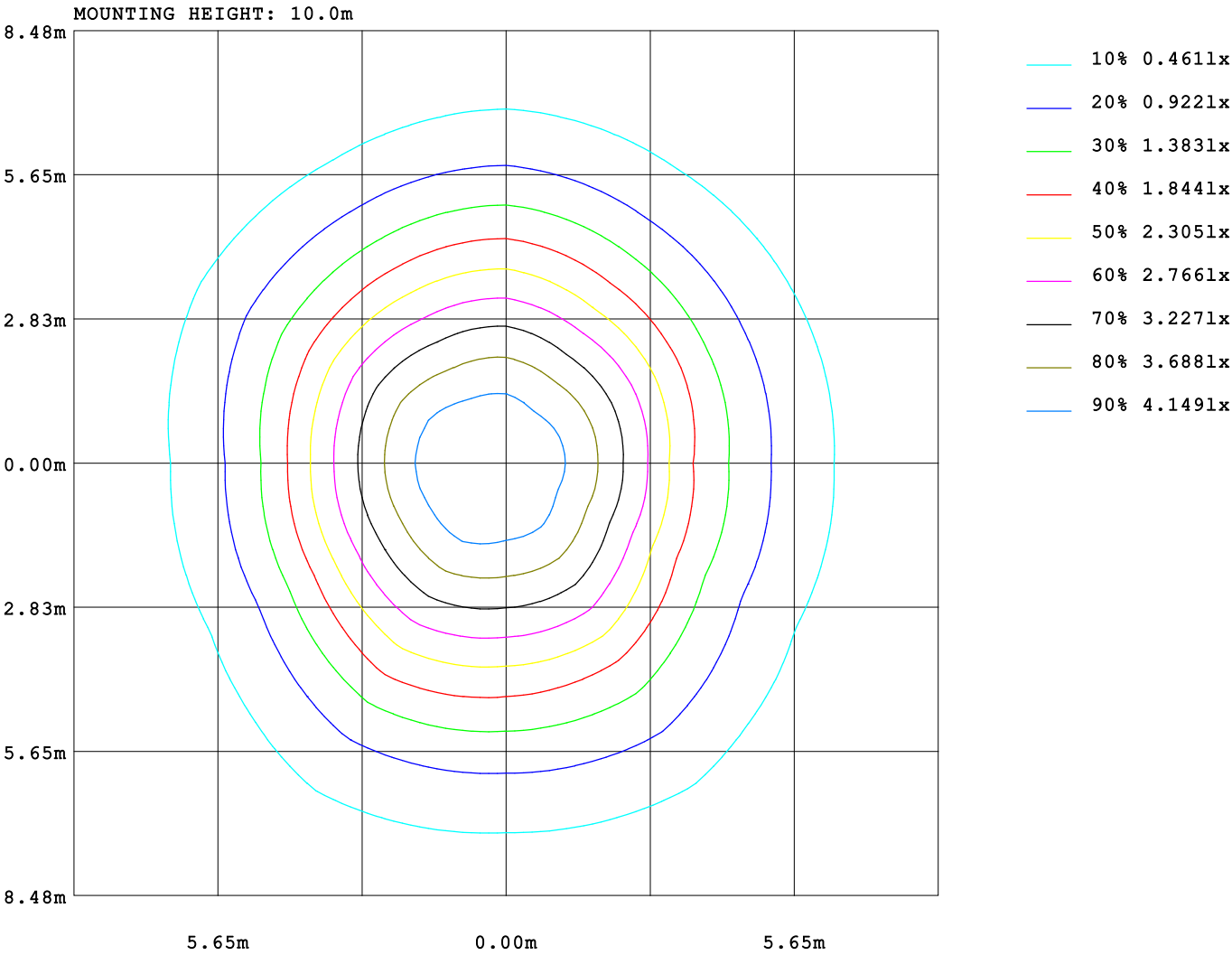
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: ARYA 2										TYPE: 4000K CRI-90					WEIGHT:				
SPECIFICATION:										DIMENSION: L-50 W-30 H-46 MM					SERIAL No.:				

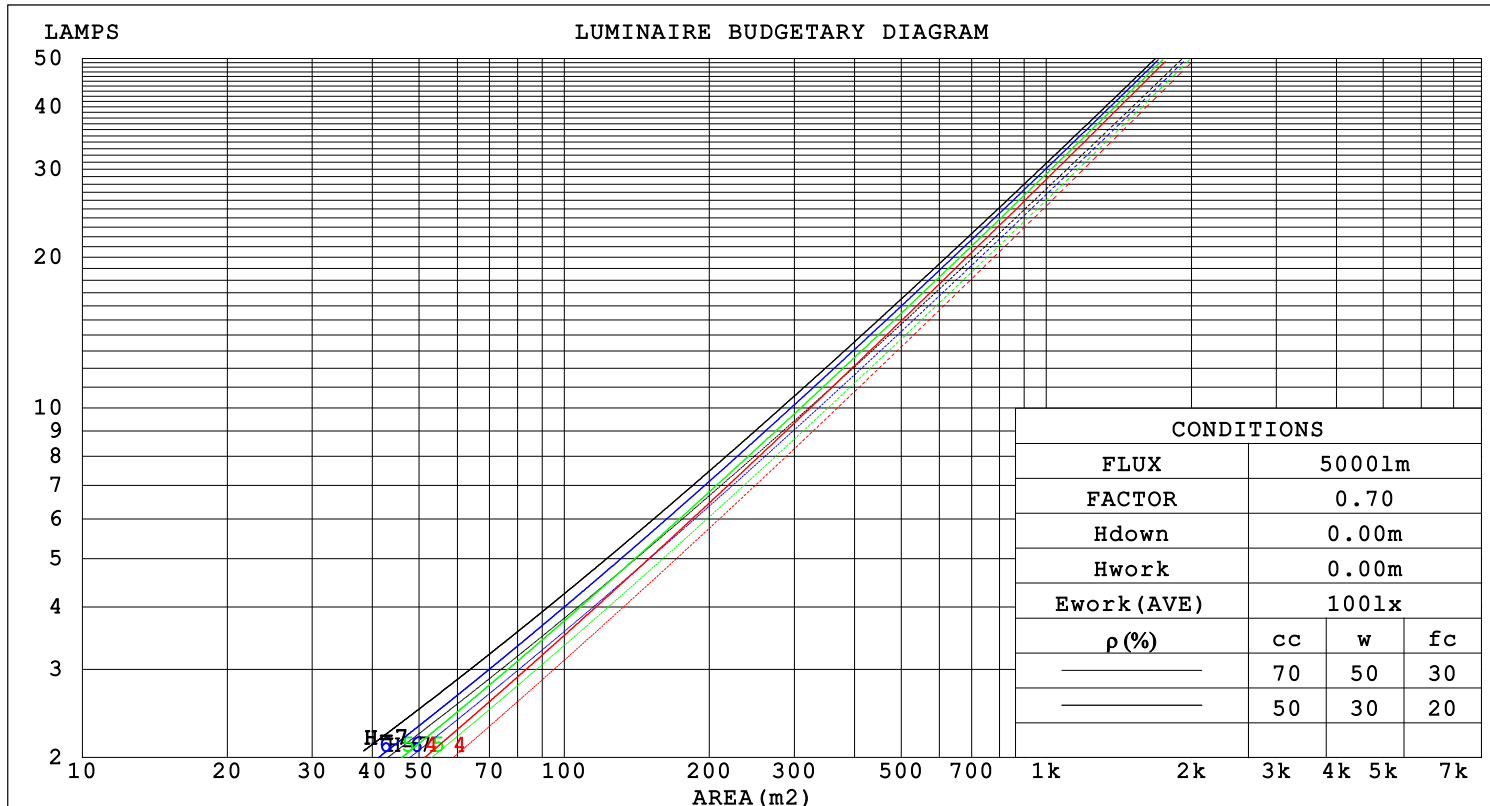
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm	Φ t	Φ a
	72	64	56	48	40	32	24	16	8	0	8	16	24	32	40	48	56	64	72		
72	0.02	0.03	0.03	0.03	0.03	0.02	0.03	0.04	0.05	0.05	0.04	0.03	0.02	0.02	0.03	0.03	0.03	0.02	0.53	0.00	
64	0.02	0.03	0.04	0.04	0.03	0.02	0.03	0.05	0.07	0.07	0.05	0.03	0.02	0.03	0.03	0.03	0.03	0.02	0.65	0.00	
56	0.02	0.03	0.04	0.05	0.05	0.04	0.06	0.11	0.15	0.14	0.10	0.05	0.03	0.04	0.04	0.04	0.03	0.02	1.04	0.00	
48	0.02	0.03	0.05	0.07	0.09	0.12	0.20	0.33	0.43	0.42	0.30	0.16	0.09	0.07	0.05	0.04	0.03	0.02	2.52	0.00	
40	0.02	0.03	0.06	0.10	0.18	0.35	0.64	1.04	1.37	1.33	0.96	0.54	0.27	0.14	0.08	0.05	0.03	0.02	7.23	4.18	
32	0.02	0.03	0.06	0.15	0.37	0.85	1.68	2.68	3.33	3.21	2.38	1.41	0.67	0.28	0.12	0.06	0.04	0.02	17.3	15.5	
24	0.02	0.03	0.07	0.20	0.62	1.65	3.23	4.72	5.57	5.33	4.12	2.61	1.27	0.48	0.17	0.07	0.04	0.03	30.2	28.8	
16	0.02	0.03	0.08	0.24	0.83	2.37	4.63	6.58	7.45	7.15	5.72	3.66	1.85	0.70	0.22	0.08	0.04	0.03	41.7	40.4	
8	0.02	0.03	0.07	0.25	0.92	2.65	5.39	7.71	8.64	8.29	6.73	4.21	2.16	0.84	0.25	0.09	0.04	0.03	48.3	47.1	
0	0.02	0.03	0.07	0.23	0.87	2.58	5.34	7.69	8.75	8.40	6.70	4.17	2.15	0.84	0.25	0.09	0.04	0.03	48.2	47.1	
-8	0.02	0.03	0.06	0.20	0.71	2.14	4.52	6.80	7.81	7.53	5.96	3.63	1.83	0.69	0.21	0.07	0.04	0.02	42.3	41.0	
-16	0.02	0.02	0.05	0.14	0.47	1.46	3.34	5.29	6.03	5.82	4.71	2.91	1.32	0.46	0.14	0.06	0.03	0.02	32.3	30.9	
-24	0.02	0.02	0.04	0.09	0.28	0.87	2.04	3.28	3.79	3.67	3.06	1.89	0.83	0.27	0.09	0.04	0.03	0.02	20.3	18.8	
-32	0.02	0.02	0.03	0.06	0.17	0.44	0.95	1.44	1.70	1.67	1.38	0.92	0.42	0.15	0.05	0.03	0.02	0.02	9.48	7.30	
-40	0.02	0.02	0.02	0.04	0.10	0.21	0.37	0.49	0.54	0.53	0.47	0.34	0.19	0.08	0.04	0.02	0.02	0.02	3.51	0.00	
-48	0.01	0.02	0.02	0.03	0.06	0.11	0.15	0.16	0.15	0.15	0.15	0.13	0.10	0.06	0.03	0.02	0.02	0.02	1.36	0.00	
-56	0.01	0.02	0.02	0.03	0.05	0.07	0.07	0.06	0.05	0.05	0.06	0.07	0.06	0.04	0.03	0.02	0.02	0.02	0.73	0.00	
-64	0.01	0.02	0.02	0.03	0.04	0.05	0.05	0.04	0.02	0.02	0.04	0.05	0.05	0.04	0.03	0.02	0.02	0.01	0.56	0.00	
-72																					
	-72	-64	-56	-48	-40	-32	-24	-16	-8	0	8	16	24	32	40	48	56	64	72		
Φ t	0.34	0.47	0.82	1.97	5.84	16.0	32.7	48.5	55.9	53.8	42.9	26.8	13.3	5.22	1.84	0.85	0.54	0.38	313		
Φ a	0.00	0.00	0.00	0.00	2.72	14.0	31.0	46.9	54.3	52.3	41.4	25.1	11.3	2.16	0.00	0.00	0.00	0.00		282	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

Report number:

pcc	80%			70%			50%			30%			10%			0														
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
p _{fc}	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Coefficients of Utilization(CU)														
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00														
1.0	1.10	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	1.01	.99	.98	.97	.96	.95	.93														
2.0	1.03	.99	.95	1.01	.98	.94	.98	.95	.92	.95	.93	.90	.92	.90	.88	.87														
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.90	.87	.84	.88	.85	.83	.81														
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.77	.76														
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.77	.73	.79	.76	.73	.71														
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67														
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.65	.73	.68	.65	.71	.68	.65	.63														
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.60														
9.0	.68	.62	.59	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.57														
10.0	.65	.59	.55	.64	.59	.55	.63	.59	.55	.63	.58	.55	.62	.58	.55	.54														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

WEC AND CCEC

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ARYA 2								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION:								DIMENSION: L-50 W-30 H-46 MM				SERIAL No.:			

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.183	.104	.033	.177	.101	.032	.164	.094	.030	.152	.088	.028	.142	.082	.026	
2.0	.172	.094	.029	.166	.091	.028	.155	.086	.027	.146	.082	.026	.137	.077	.024	
3.0	.162	.086	.026	.157	.084	.025	.148	.080	.024	.139	.076	.023	.132	.073	.023	
4.0	.153	.079	.023	.149	.078	.023	.141	.075	.022	.134	.072	.022	.127	.069	.021	
5.0	.145	.074	.021	.141	.072	.021	.134	.070	.021	.128	.068	.020	.122	.065	.020	
6.0	.138	.069	.020	.134	.068	.020	.128	.066	.019	.123	.064	.019	.118	.062	.018	
7.0	.131	.065	.018	.128	.064	.018	.123	.062	.018	.118	.061	.018	.114	.059	.017	
8.0	.125	.061	.017	.123	.060	.017	.118	.059	.017	.114	.058	.017	.109	.056	.016	
9.0	.120	.058	.016	.118	.057	.016	.113	.056	.016	.109	.055	.016	.106	.054	.016	
10.0	.115	.055	.015	.113	.054	.015	.109	.053	.015	.105	.052	.015	.102	.051	.015	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.172	.157	.144	.147	.135	.124	.100	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.156	.132	.113	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.090	.123	.098	.078	.085	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.079	.060	.044	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.073	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.116	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-05-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise				Viewed endwise				
x = 2H y = 2H	0.5	1.5	0.8	1.6	1.8	3.6	4.6	3.9	4.7	4.9
3H	0.9	1.8	1.2	2.0	2.2	3.6	4.4	3.8	4.6	4.8
4H	1.4	2.2	1.7	2.5	2.7	3.5	4.4	3.8	4.6	4.8
6H	2.3	3.1	2.6	3.3	3.6	3.5	4.3	3.8	4.5	4.8
8H	3.1	3.9	3.4	4.1	4.4	3.5	4.3	3.9	4.5	4.8
12H	3.9	4.6	4.2	4.9	5.2	3.6	4.3	3.9	4.5	4.8
4H 2H	0.5	1.3	0.7	1.5	1.7	3.5	4.3	3.7	4.5	4.7
3H	0.9	1.6	1.2	1.9	2.2	3.5	4.2	3.8	4.5	4.8
4H	1.5	2.2	1.9	2.5	2.8	3.6	4.2	4.0	4.5	4.9
6H	2.7	3.3	3.1	3.6	4.0	3.7	4.3	4.1	4.6	5.0
8H	3.8	4.3	4.2	4.6	5.0	3.8	4.3	4.2	4.7	5.1
12H	4.8	5.3	5.2	5.6	6.0	3.9	4.4	4.3	4.8	5.2
8H 4H	1.7	2.2	2.1	2.6	2.9	3.6	4.2	4.0	4.5	4.9
6H	3.0	3.5	3.5	3.9	4.3	4.1	4.5	4.5	4.9	5.3
8H	4.2	4.6	4.6	5.0	5.4	4.4	4.8	4.8	5.2	5.6
12H	5.4	5.8	5.9	6.2	6.7	4.7	5.0	5.2	5.5	6.0
12H 4H	1.8	2.2	2.2	2.6	3.0	3.6	4.1	4.0	4.5	4.9
6H	3.2	3.6	3.6	4.0	4.4	4.1	4.5	4.6	4.9	5.4
8H	4.4	4.7	4.8	5.1	5.6	4.6	4.9	5.1	5.4	5.8

Variations with the observer position at spacings:		
S = 1.0H	+ 0.9 / - 0.8	+ 1.8 / - 2.6
1.5H	+ 1.7 / - 0.9	+ 3.5 / - 2.7
2.0H	+ 1.2 / - 0.5	+ 2.7 / - 1.2

CIE Pub.117 Corrected 313.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.0)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	80
1.00	98	92	89	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	102	98	95	90
2.00	108	103	100	106	102	99	104	100	98	93
2.50	110	106	102	108	104	102	105	102	100	94
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	108	107	105	98
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

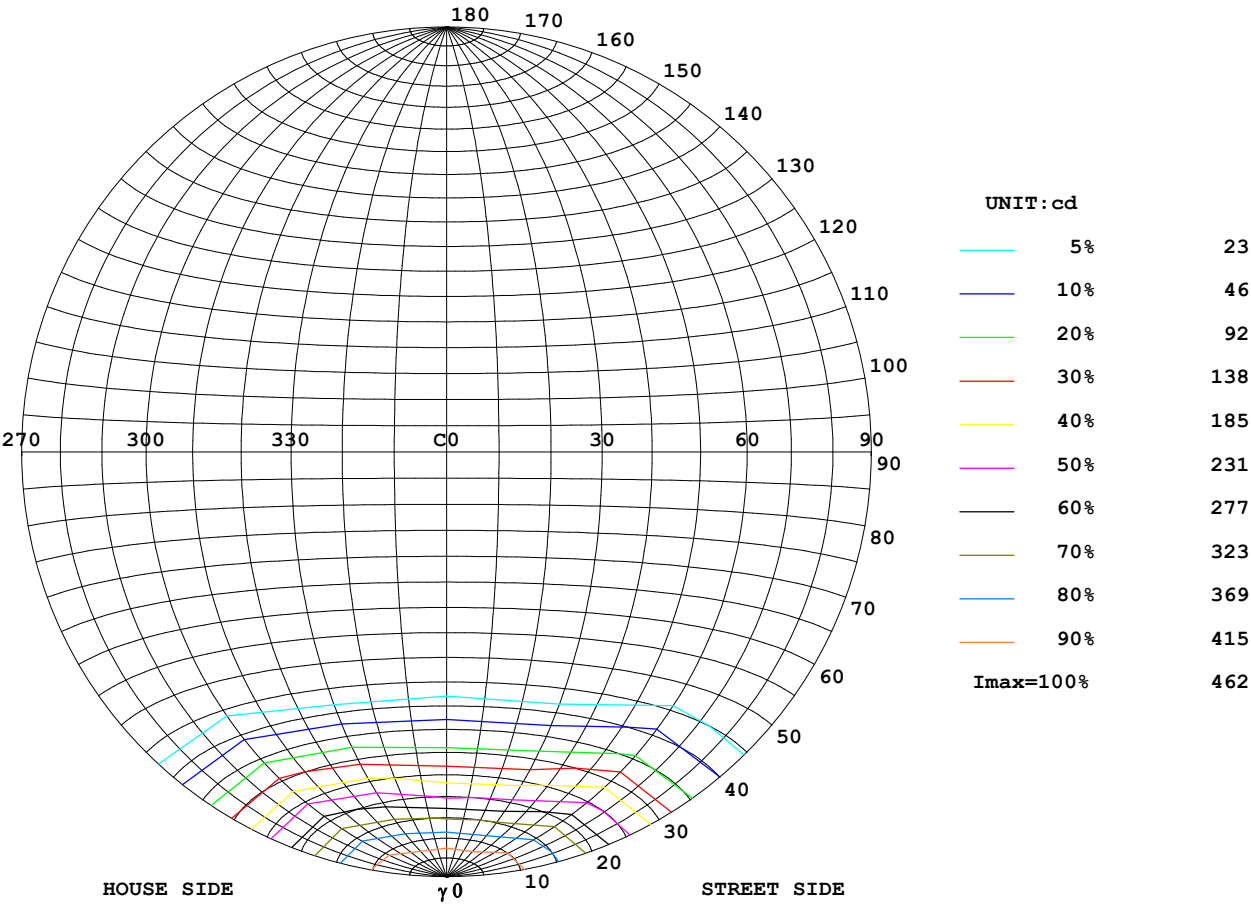
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-05-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

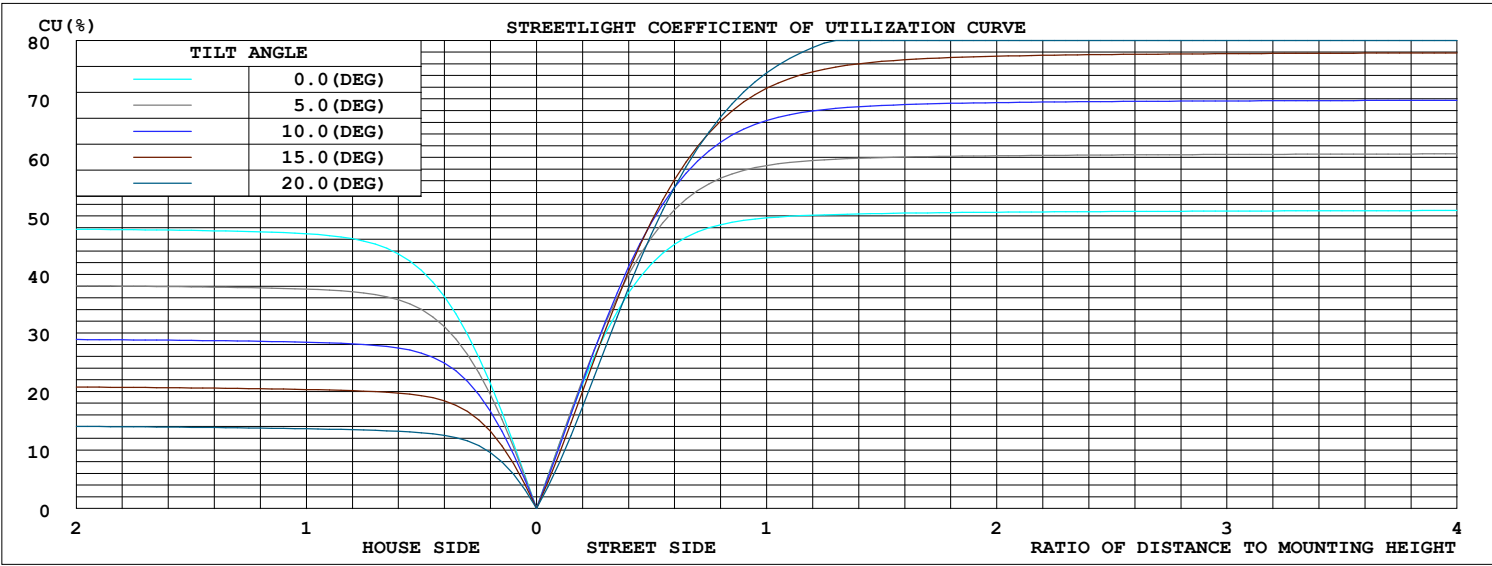
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 4.61 lx



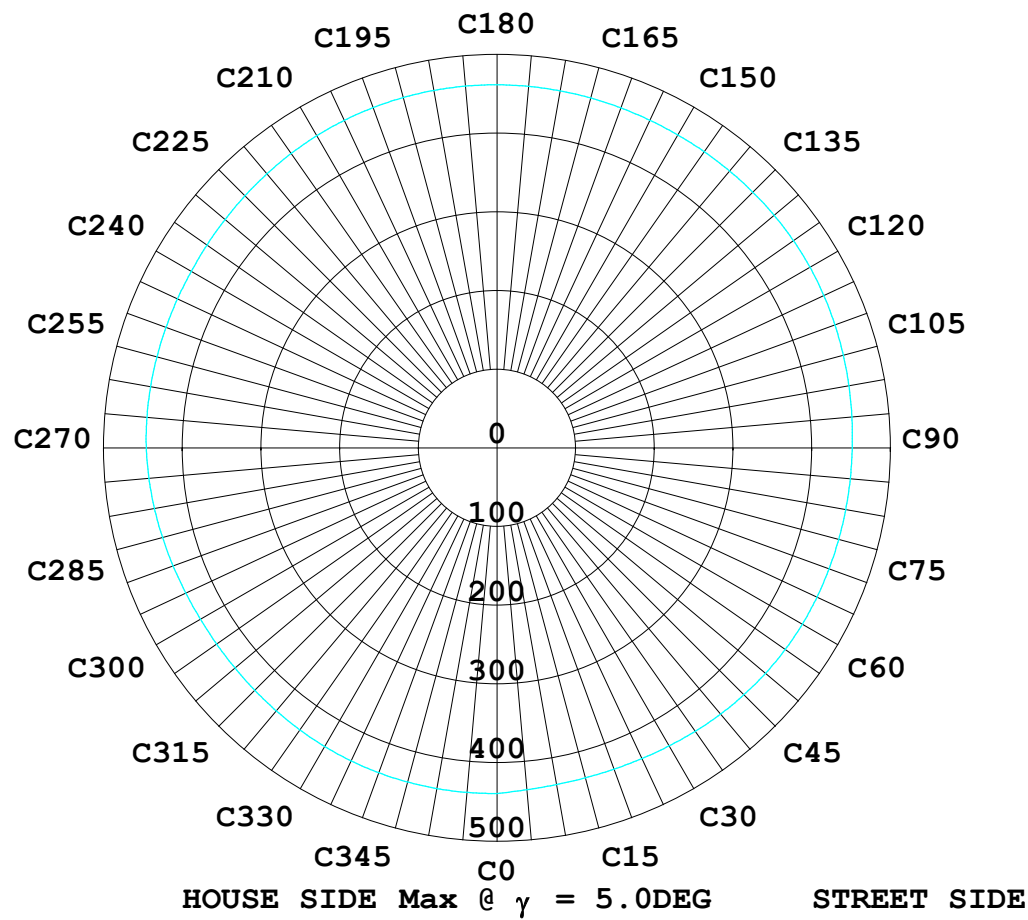
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-05-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ARYA 2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: L-50 W-30 H-46 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	461	459	460	461	459	460	461	459	460	461	459	460
5.0	439	437	448	451	459	459	462	458	449	446	435	438
10.0	391	391	416	421	435	433	437	434	416	410	395	394
15.0	319	325	364	373	390	381	384	386	363	359	336	330
20.0	224	240	304	313	330	308	304	313	297	294	262	249
25.0	162	171	227	240	261	211	200	224	221	223	194	174
30.0	101	110	167	166	179	127	118	149	144	147	123	111
35.0	58.4	60.6	98.6	96.0	106	64.9	59.7	80.7	73.4	80.0	65.4	61.0
40.0	28.9	28.9	52.7	45.9	53.6	29.1	27.1	40.5	33.5	38.4	28.7	30.4
45.0	14.4	12.3	25.1	20.4	27.2	13.0	13.2	20.2	14.0	18.4	11.3	15.1
50.0	8.45	5.49	12.5	8.74	14.1	6.21	6.57	11.1	5.63	9.60	4.33	8.16
55.0	5.70	2.67	6.86	3.61	7.87	3.10	3.82	6.93	2.38	5.78	1.80	5.27
60.0	4.40	1.66	4.62	1.66	4.98	1.87	2.67	4.91	1.30	4.04	1.01	3.97
65.0	3.90	1.44	3.61	0.94	3.75	1.44	2.67	3.90	0.94	3.25	0.87	3.32
70.0	3.54	1.37	3.10	0.79	3.17	1.37	2.67	3.61	0.94	2.74	0.79	2.96
75.0	3.32	1.44	2.81	0.72	2.89	1.44	2.81	3.32	1.08	2.38	0.79	2.81
80.0	3.10	1.51	2.52	0.72	2.60	1.51	2.89	3.10	1.15	2.16	0.87	2.52
85.0	2.89	1.58	2.38	0.65	2.38	1.58	2.81	2.96	1.15	1.87	0.94	2.38
90.0	1.87	1.73	2.16	0.79	2.31	1.80	2.31	2.81	1.37	1.58	1.01	2.16

Test System:HOPOO HPG1800
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