

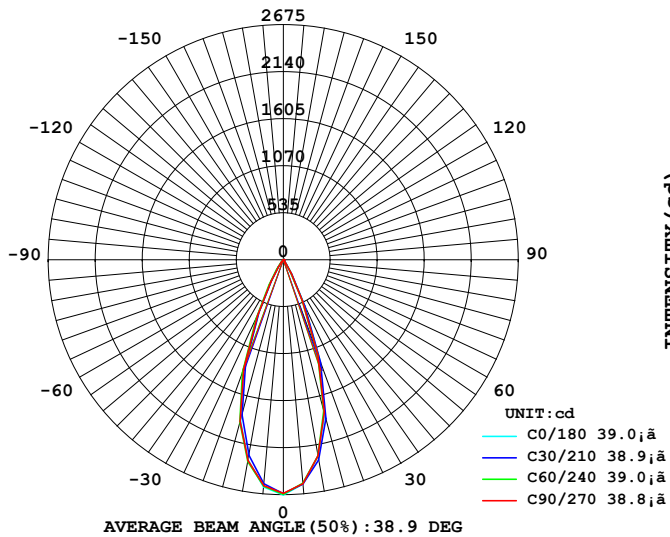
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

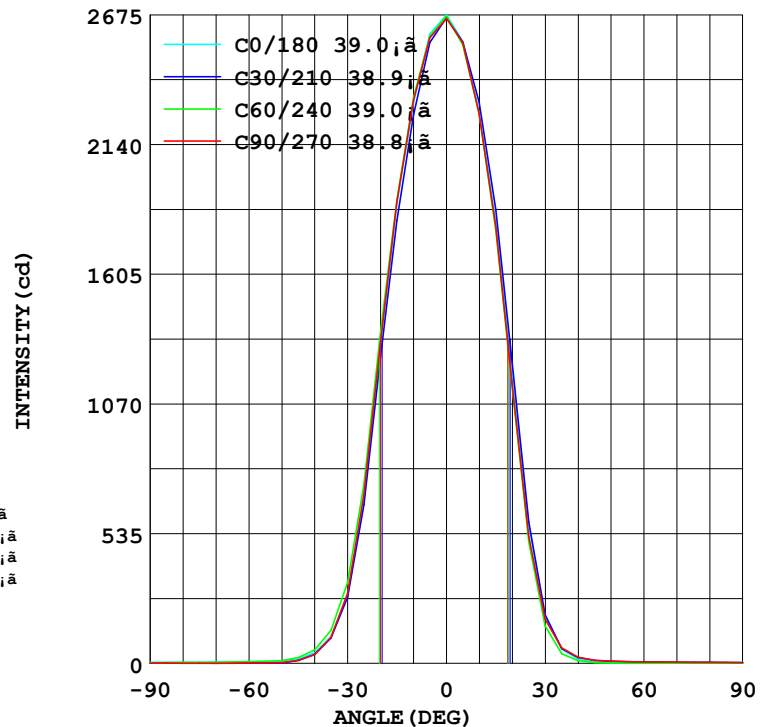
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

DATA OF LAMP		Imax (cd)	2675	S/MH (C0/180)	0.61
MODEL	FLEXION DOUBLE HEAD	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.62
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1135.2	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	98.3	Current (A)	0.054
NOMINAL FLUX (lm)	1135.3	η up (%)	0.0	Power (W)	11.55
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.959
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	1042.1	EEI	0.145

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-22-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.800 m
 Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

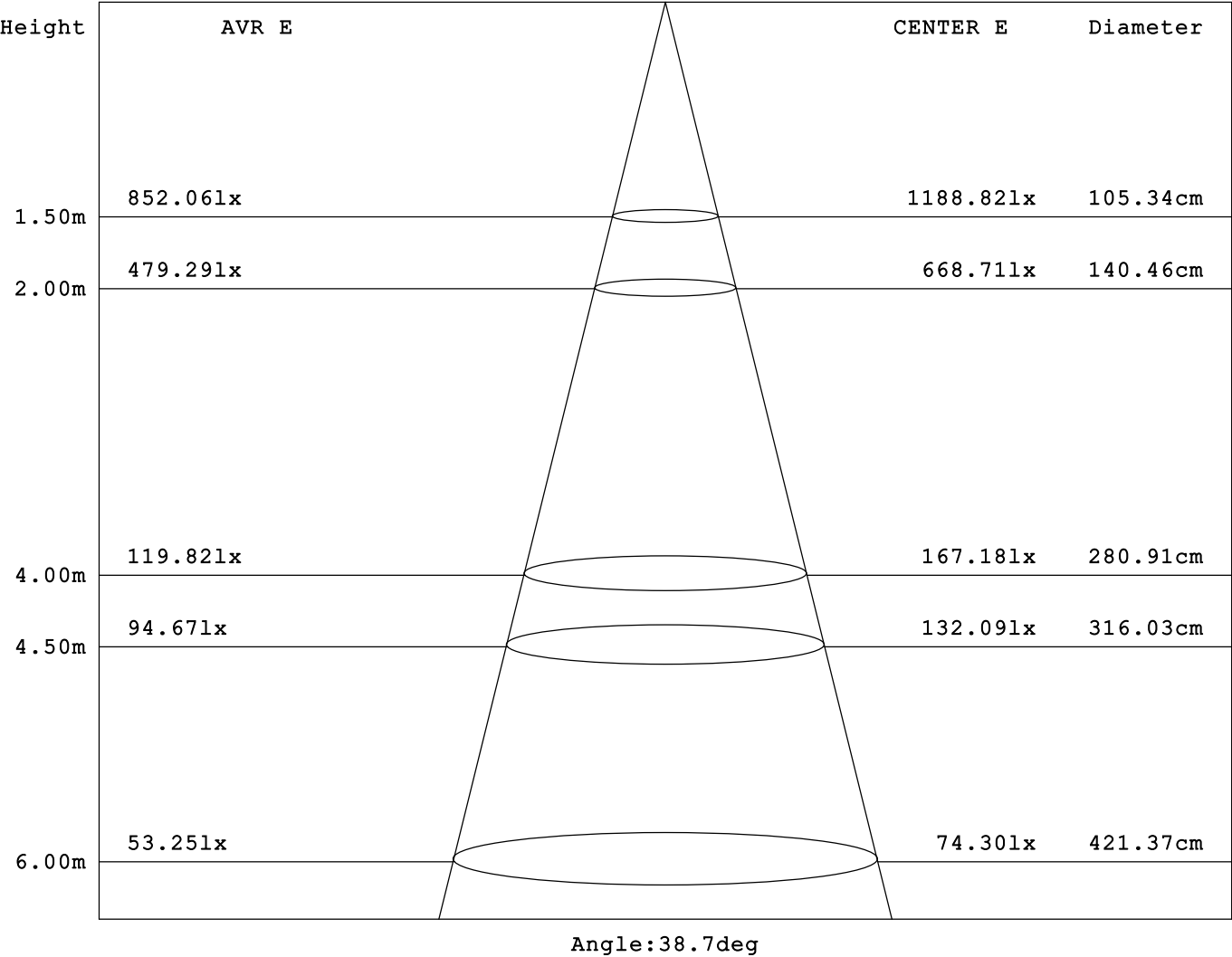
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 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: FLEXION DOUBLE HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2314	2299	2323	2302	2272	2291	2266	2248	0- 10	236.1	236.1
20.0	1319	1318	1327	1316	1202	1192	1153	1185	10- 20	501.5	737.6
30.0	283.4	303.7	290.0	271.7	192.3	177.9	183.3	190.1	20- 30	304.4	1042
40.0	44.29	47.04	36.31	31.09	17.57	18.15	25.55	26.56	30- 40	66.69	1109
50.0	10.45	6.698	3.097	6.427	2.865	5.265	9.525	6.040	40- 50	11.70	1121
60.0	7.124	4.297	1.858	4.104	2.478	3.639	6.272	3.910	50- 60	4.537	1125
70.0	5.498	3.252	1.161	3.136	2.632	3.368	5.498	3.136	60- 70	3.658	1129
80.0	4.568	2.904	1.316	2.749	2.865	3.020	4.491	2.826	70- 80	3.368	1132
90.0	4.026	2.904	1.858	2.749	4.026	2.594	3.484	2.555	80- 90	3.185	1135
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:07-22-2025

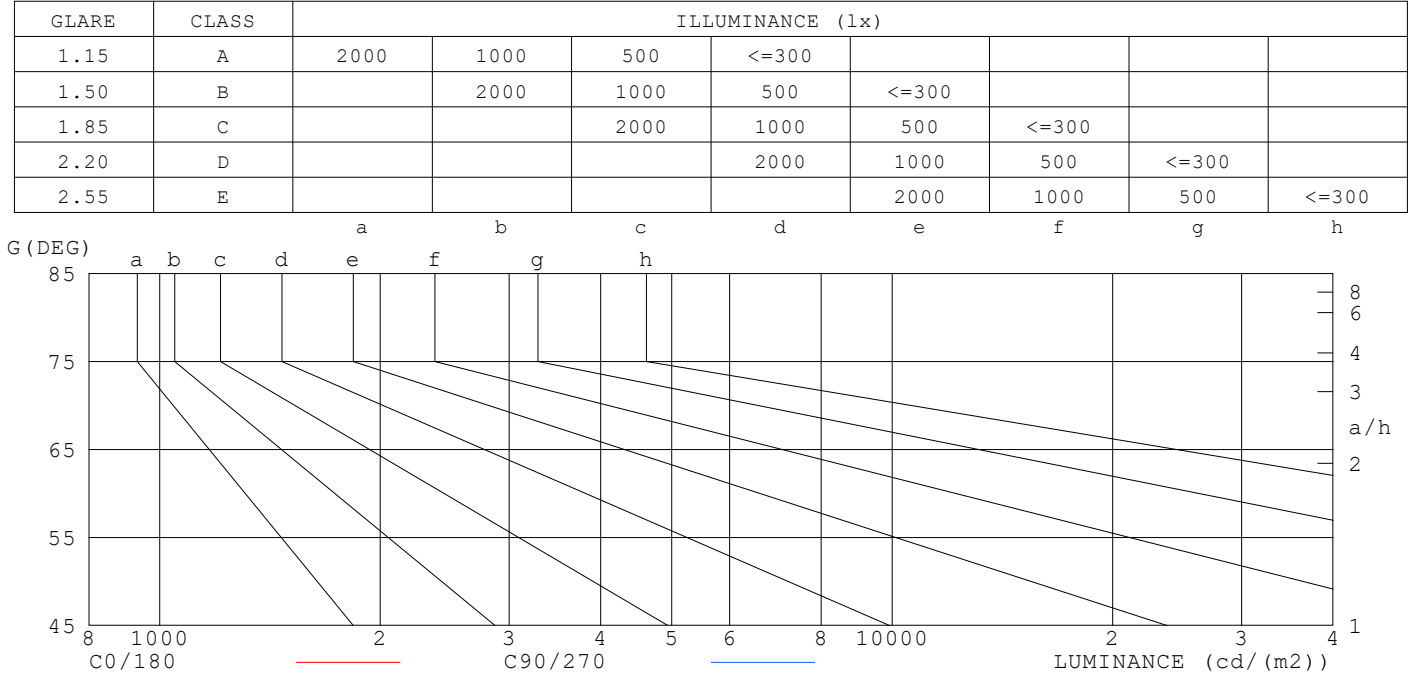
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	498	169
80	263	76
75	194	48
70	161	34
65	150	31
60	142	37
55	147	42
50	163	48
45	278	171

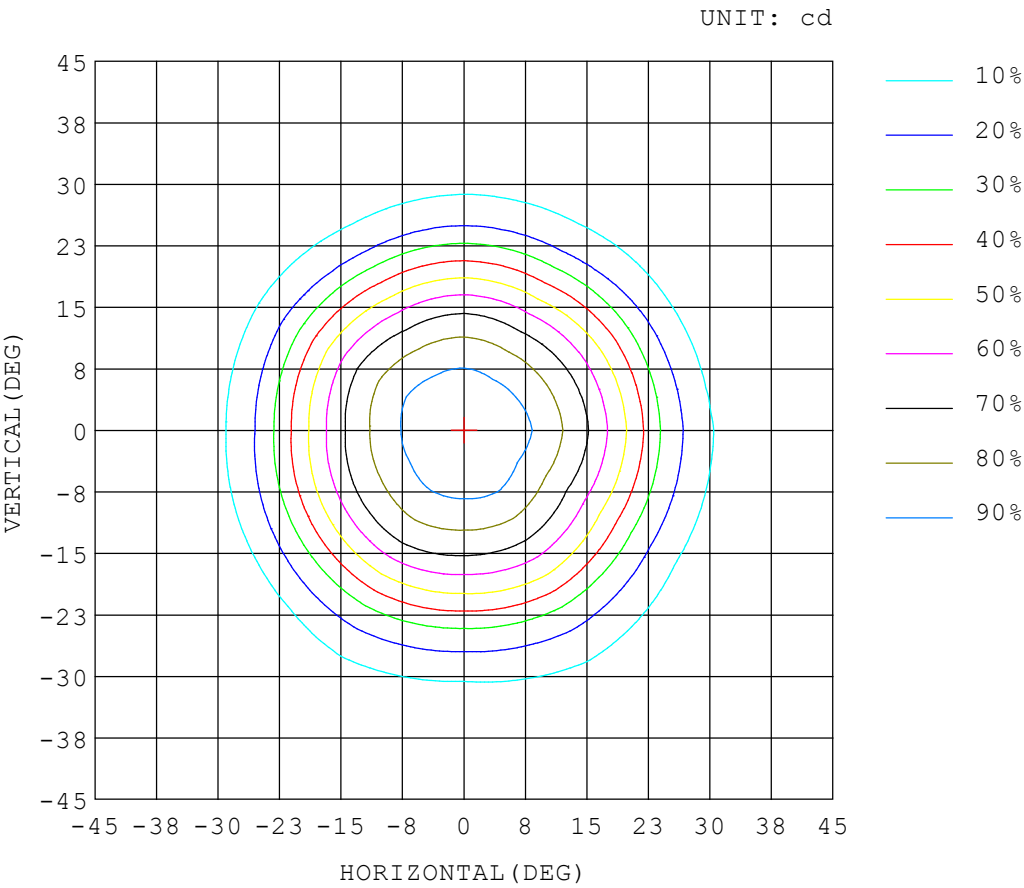
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:



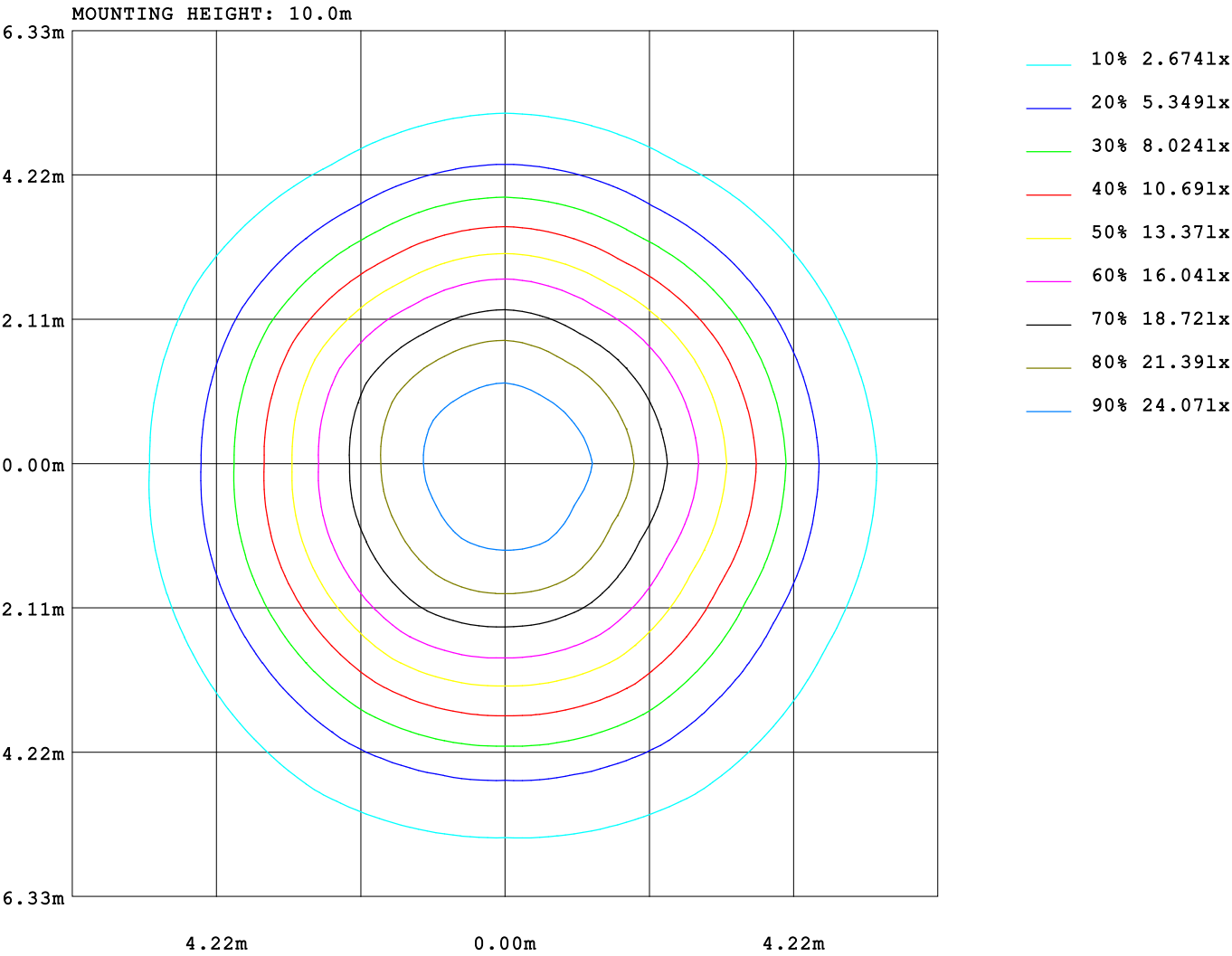
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: FLEXION DOUBLE HEAD										TYPE: 4000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 350 MA										DIMENSION: L-160 CUTOUT L-150 H-80					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.03	0.03	0.03	0.02	0.04	0.07	0.10	0.13	0.14	0.11	0.08	0.05	0.03	0.03	0.03	0.04	0.03	1.01	0.00		
45	0.03	0.03	0.03	0.03	0.02	0.04	0.07	0.10	0.13	0.14	0.11	0.08	0.05	0.03	0.03	0.03	0.04	0.03	1.01	0.00		
40	0.04	0.04	0.04	0.05	0.06	0.09	0.16	0.25	0.31	0.32	0.27	0.20	0.12	0.08	0.06	0.05	0.04	0.04	2.24	0.00		
35	0.05	0.05	0.07	0.10	0.16	0.25	0.46	0.71	0.89	0.91	0.76	0.55	0.35	0.23	0.14	0.09	0.06	0.05	5.88	0.00		
30	0.05	0.08	0.12	0.22	0.42	0.79	1.37	2.09	2.58	2.60	2.14	1.46	0.92	0.56	0.33	0.17	0.10	0.06	16.0	7.86		
25	0.05	0.10	0.21	0.46	1.05	2.16	3.58	5.16	6.18	6.17	5.14	3.62	2.24	1.16	0.63	0.32	0.15	0.08	38.5	33.3		
20	0.06	0.13	0.33	0.93	2.29	4.51	7.27	9.57	10.9	10.9	9.44	7.21	4.58	2.38	1.07	0.52	0.22	0.10	72.5	68.3		
15	0.06	0.17	0.51	1.53	3.89	7.54	11.0	13.7	15.2	15.1	13.5	10.9	7.59	4.05	1.73	0.76	0.31	0.13	108	104		
	0.07	0.21	0.69	2.15	5.31	9.81	13.9	16.7	18.0	17.9	16.4	13.7	10.0	5.68	2.52	1.01	0.40	0.16	135	132		
	0.07	0.23	0.79	2.52	6.13	10.8	15.1	18.1	19.6	19.5	18.0	15.2	11.3	6.75	3.07	1.21	0.46	0.18	150	146		
	0.06	0.23	0.81	2.57	6.20	10.9	15.0	18.0	19.6	19.7	18.1	15.2	11.3	6.80	3.14	1.24	0.46	0.17	150	147		
	0.06	0.21	0.73	2.28	5.54	9.98	14.0	16.9	18.4	18.4	16.8	13.8	10.0	5.85	2.71	1.08	0.41	0.16	138	134		
-15	0.05	0.17	0.56	1.69	4.25	8.05	11.8	14.7	15.9	15.8	14.5	11.6	8.02	4.40	2.02	0.83	0.32	0.13	115	112		
-20	0.03	0.11	0.36	1.09	2.79	5.46	8.59	11.0	12.1	12.1	11.0	8.66	5.53	2.97	1.35	0.57	0.23	0.09	84.2	80.2		
-25	0.02	0.07	0.22	0.63	1.55	3.15	5.09	6.68	7.57	7.60	6.74	5.19	3.31	1.77	0.83	0.36	0.15	0.06	51.0	46.4		
-30	0.02	0.04	0.13	0.35	0.78	1.55	2.46	3.25	3.70	3.72	3.33	2.60	1.73	0.96	0.49	0.22	0.08	0.03	25.4	19.2		
-35	0.01	0.03	0.08	0.18	0.38	0.69	1.03	1.33	1.49	1.52	1.40	1.14	0.82	0.50	0.26	0.13	0.05	0.02	11.0	0.83		
-40	0.01	0.03	0.05	0.10	0.19	0.29	0.40	0.50	0.54	0.56	0.55	0.47	0.37	0.25	0.14	0.07	0.03	0.02	4.58	0.00		
-45	0.02	0.03	0.04	0.07	0.11	0.14	0.16	0.18	0.19	0.20	0.21	0.19	0.17	0.13	0.08	0.04	0.03	0.02	1.98	0.00		
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45		
Φ t	0.76	1.95	5.78	16.9	41.1	76.3	112	139	154	154	139	112	78.6	44.5	20.6	8.73	3.55	1.51	1135			
Φ a	0.00	0.00	0.00	9.61	36.2	72.1	108	135	150	150	135	108	74.2	39.2	13.2	0.00	0.00	0.00		1042		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

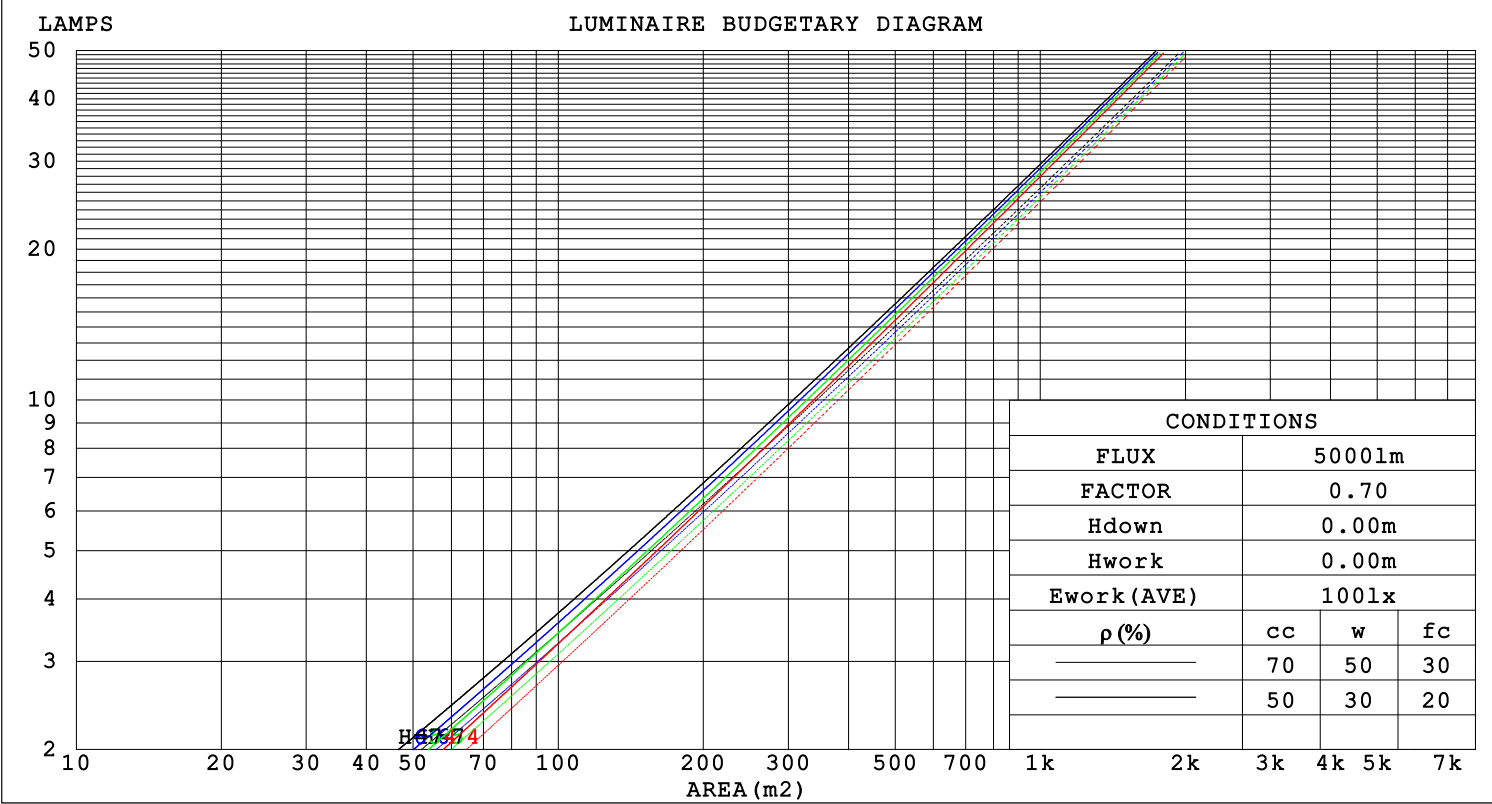
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: FLEXION DOUBLE HEAD								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 350 MA								DIMENSION: L-160 CUTOUT L-150 H-80				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
pf _c	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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.06	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.91	.94	.91	.89	.92	.90	.88	.87
4.0	.95	.91	.87	.94	.90	.87	.92	.89	.86	.90	.87	.85	.89	.86	.84	.83
5.0	.91	.86	.83	.90	.86	.82	.89	.85	.82	.87	.84	.81	.86	.83	.80	.79
6.0	.87	.82	.79	.86	.82	.79	.85	.81	.78	.84	.80	.77	.82	.79	.77	.76
7.0	.83	.79	.75	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
8.0	.80	.75	.72	.80	.75	.72	.79	.74	.71	.78	.74	.71	.77	.73	.71	.70
9.0	.77	.72	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.67
10.0	.74	.69	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.72	.68	.66	.65



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: FLEXION DOUBLE HEAD								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 350 MA								DIMENSION: L-160 CUTOUT L-150 H-80				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	.156	.089	.028	.149	.085	.027	.137	.078	.025	.125	.072	.023	.115	.066	.021															
2.0	.145	.079	.024	.139	.077	.024	.129	.072	.022	.119	.067	.021	.111	.063	.020															
3.0	.136	.072	.022	.131	.070	.021	.122	.066	.020	.114	.063	.019	.107	.059	.018															
4.0	.128	.066	.020	.124	.065	.019	.117	.062	.018	.110	.059	.018	.103	.056	.017															
5.0	.121	.062	.018	.118	.060	.018	.111	.058	.017	.105	.056	.017	.100	.053	.016															
6.0	.115	.058	.017	.112	.057	.016	.107	.055	.016	.101	.053	.015	.097	.051	.015															
7.0	.110	.054	.015	.107	.053	.015	.102	.052	.015	.098	.050	.015	.093	.049	.014															
8.0	.105	.051	.014	.103	.051	.014	.098	.049	.014	.094	.048	.014	.090	.046	.014															
9.0	.101	.049	.014	.099	.048	.013	.095	.047	.013	.091	.046	.013	.088	.045	.013															
10.0	.097	.046	.013	.095	.046	.013	.091	.045	.013	.088	.044	.012	.085	.043	.012															

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	.170	.157	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011	
4.0	.127	.098	.076	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.063	.101	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.094	.066	.046	.065	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.102	.069	.045	.088	.059	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.096	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.078	.049	.030	.054	.035	.021	.031	.020	.013	.010	.007	.004	
10.0	.086	.052	.030	.074	.045	.026	.051	.032	.018	.030	.019	.011	.010	.006	.004	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: FLEXION DOUBLE HEAD					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 350 MA					DIMENSION: L-160 CUTOUT L-150 H-80			MSERIAL 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		-0.7	0.1	-0.4	0.3	0.4	0.2	0.9	0.4	1.1	1.3
	3H	-0.3	0.4	-0.1	0.6	0.8	0.2	0.9	0.5	1.1	1.3
	4H	0.1	0.7	0.3	1.0	1.2	0.3	0.9	0.5	1.1	1.4
	6H	0.8	1.4	1.1	1.7	1.9	0.4	1.0	0.6	1.2	1.5
	8H	1.3	2.0	1.6	2.2	2.5	0.4	1.0	0.7	1.3	1.5
	12H	2.1	2.7	2.4	3.0	3.2	0.6	1.2	0.9	1.4	1.7
4H	2H	-0.8	-0.1	-0.5	0.1	0.3	0.1	0.7	0.3	1.0	1.2
	3H	-0.4	0.2	-0.1	0.4	0.7	0.3	0.9	0.6	1.2	1.5
	4H	0.1	0.6	0.4	0.9	1.2	0.6	1.1	0.9	1.4	1.7
	6H	1.0	1.4	1.3	1.8	2.1	1.0	1.4	1.3	1.8	2.1
	8H	1.7	2.2	2.1	2.5	2.9	1.2	1.6	1.6	2.0	2.3
	12H	2.8	3.2	3.2	3.5	3.9	1.5	1.9	1.9	2.3	2.7
8H	4H	0.2	0.6	0.6	1.0	1.3	0.7	1.2	1.1	1.5	1.9
	6H	1.1	1.5	1.6	1.9	2.3	1.5	1.9	2.0	2.3	2.7
	8H	2.0	2.3	2.4	2.7	3.2	2.1	2.4	2.5	2.8	3.2
	12H	3.2	3.5	3.7	4.0	4.4	2.7	3.0	3.2	3.4	3.9
12H	4H	0.3	0.7	0.7	1.0	1.4	0.7	1.1	1.1	1.5	1.9
	6H	1.3	1.6	1.7	2.0	2.5	1.6	1.9	2.1	2.4	2.8
	8H	2.1	2.4	2.6	2.9	3.3	2.3	2.6	2.8	3.0	3.5
Variations with the observer position at spacings:											
S = 1.0H		+ 1.2 / - 1.0					+ 1.1 / - 1.1				
1.5H		+ 2.6 / - 1.2					+ 2.6 / - 1.2				
2.0H		+ 1.6 / - 0.6					+ 0.6 / - 0.6				

CIE Pub.117 Corrected 1135 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.4)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019										
NAME: FLEXION DOUBLE HEAD					TYPE: 4000K CRI-90			WEIGHT:		
SPECIFICATION: OSRAM 350 MA					DIMENSION: L-160 CUTOUT L-150 H-80			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	90	84	81	90	84	81	89	84	81	77
0.80	97	92	88	97	91	88	95	91	88	85
1.00	101	96	93	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	95	91
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	98
5.00	115	113	112	113	112	110	109	108	107	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004					Suspended			SHRNOM = 1.25		

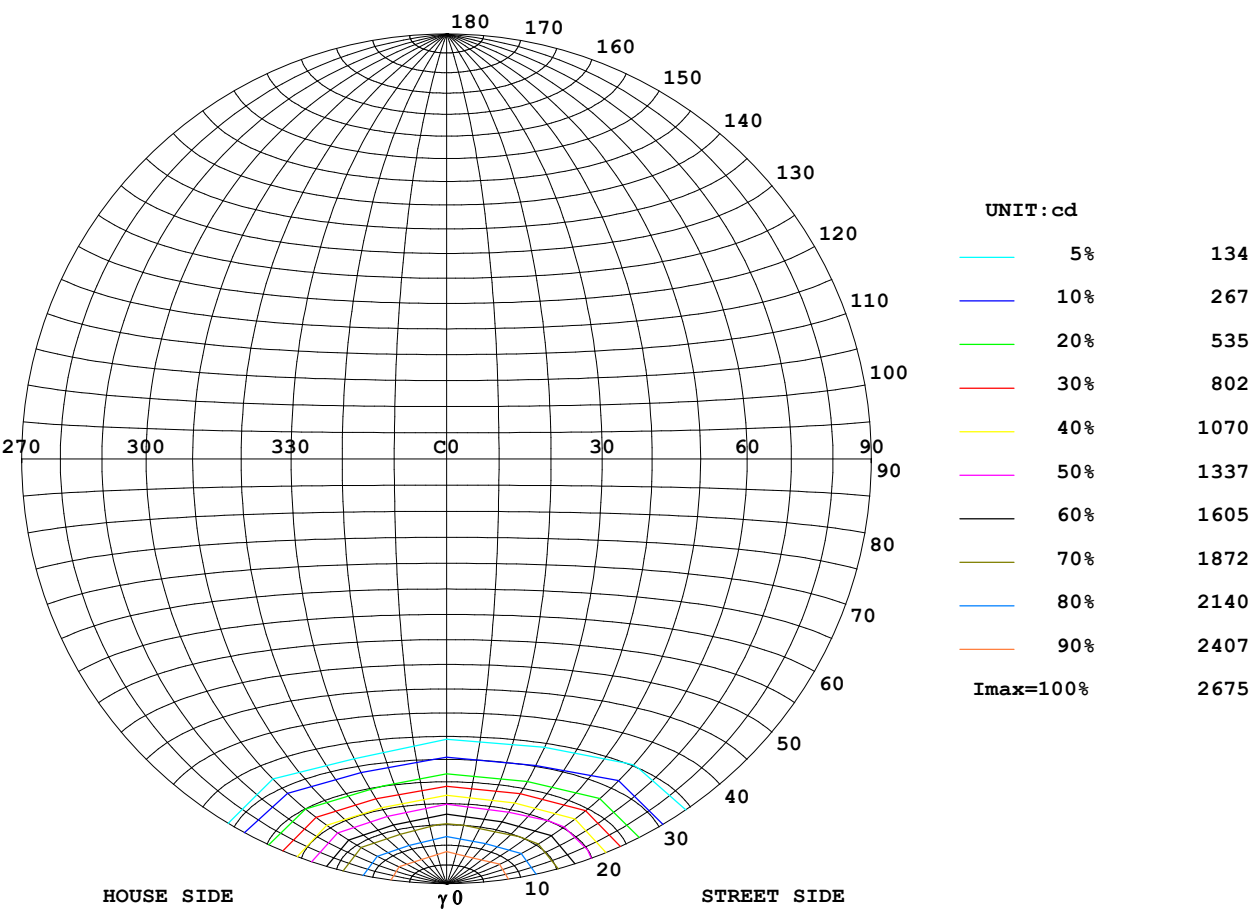
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

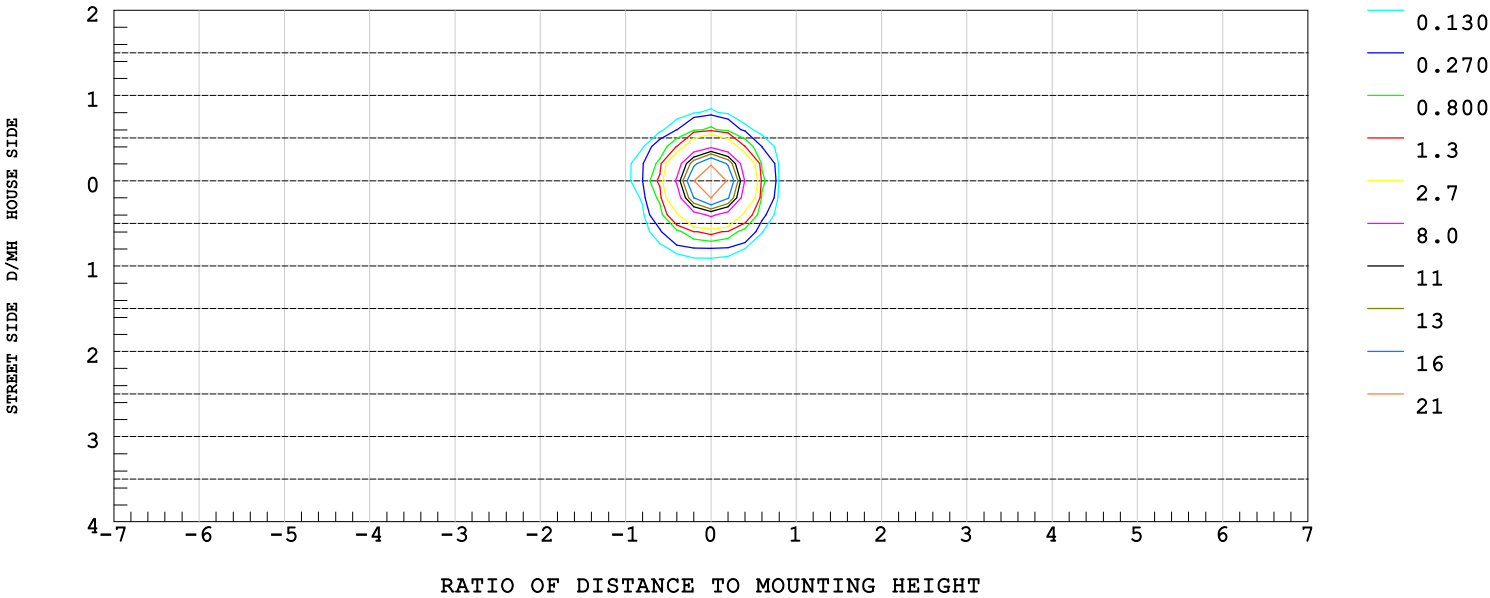
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 26.75 lx



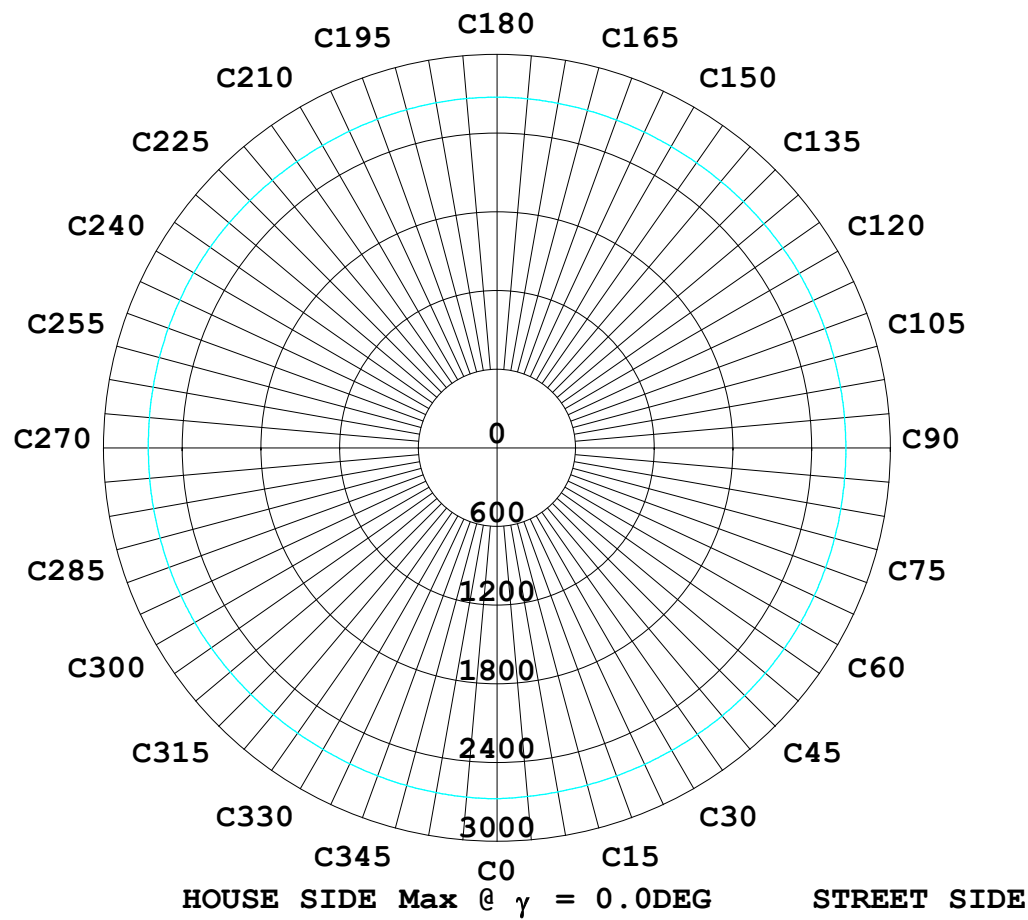
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2675	2663	2671	2659	2661	2655	2675	2663	2671	2659	2661	2655
5.0	2596	2561	2587	2581	2578	2552	2565	2562	2551	2559	2538	2553
10.0	2314	2263	2335	2323	2326	2278	2272	2314	2267	2266	2230	2266
15.0	1896	1827	1913	1904	1946	1876	1822	1871	1784	1801	1762	1836
20.0	1319	1266	1369	1327	1353	1280	1202	1242	1143	1153	1120	1250
25.0	669	655	740	697	728	647	571	584	502	525	505	604
30.0	283	273	334	290	310	233	192	201	154	183	171	209
35.0	112	105	136	108	116	70.3	58.1	61.4	40.1	63.3	56.6	95.1
40.0	44.2	38.1	55.9	36.3	42.5	19.6	17.5	24.7	11.6	25.5	16.7	36.3
45.0	19.6	12.4	24.4	12.0	19.3	5.18	5.26	12.5	2.94	12.7	4.33	16.1
50.0	10.4	2.47	10.9	3.09	10.8	2.01	2.86	8.90	1.62	9.52	2.47	9.60
55.0	8.44	1.70	8.36	2.40	8.75	1.39	2.40	7.20	1.16	7.82	2.09	7.82
60.0	7.12	1.62	6.96	1.85	7.12	1.08	2.47	6.19	1.08	6.27	1.39	6.42
65.0	6.35	1.54	6.04	1.31	5.65	1.08	2.55	5.49	1.23	5.49	1.00	5.65
70.0	5.49	1.31	5.18	1.16	5.11	1.16	2.63	4.95	1.78	5.49	1.31	4.95
75.0	5.03	1.39	4.72	1.23	4.56	1.16	2.71	4.56	1.78	4.95	1.39	4.49
80.0	4.56	1.47	4.33	1.31	4.18	1.31	2.86	4.25	1.78	4.49	1.47	4.18
85.0	4.33	1.62	3.94	1.47	3.94	1.39	3.02	3.87	1.62	4.02	1.39	3.79
90.0	4.02	2.09	3.71	1.85	3.63	1.85	4.02	3.40	1.78	3.48	1.70	3.40

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K