

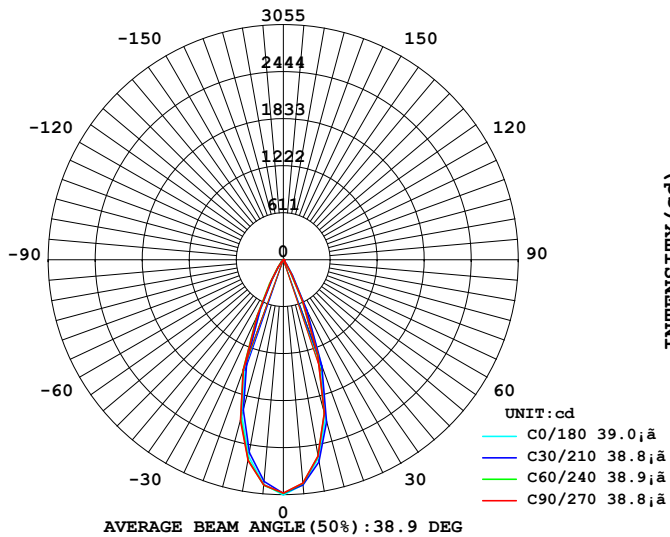
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

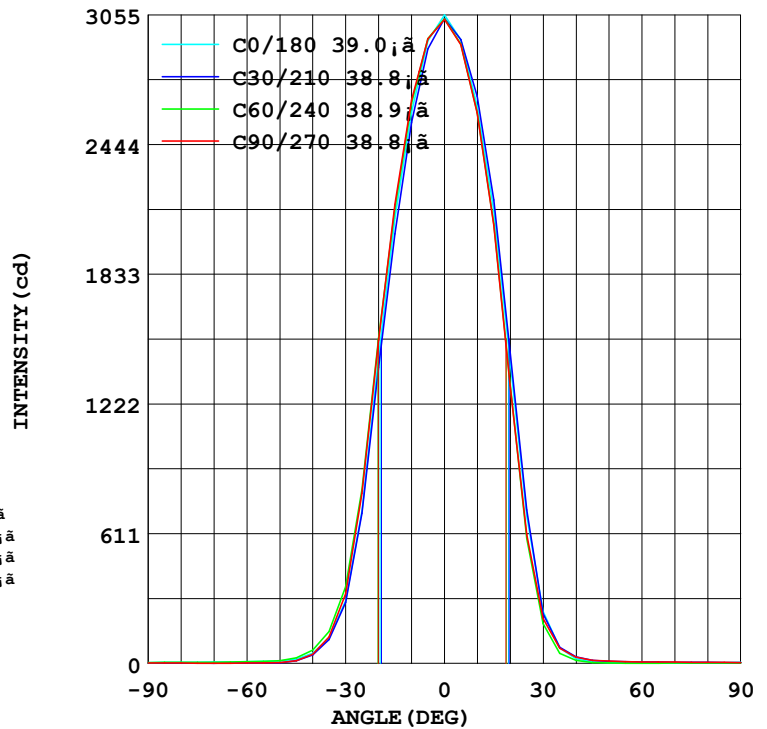
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

DATA OF LAMP		Imax (cd)	3055	S/MH (C0/180)	0.60
MODEL	FLEXION DOUBLE HEAD	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.62
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1295.2	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	111.7	Current (A)	0.054
NOMINAL FLUX (lm)	1295.3	η up (%)	0.0	Power (W)	11.60
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.959
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	1189.2	EEI	0.131

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: 9.400 m
 Remarks: 5700K

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: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

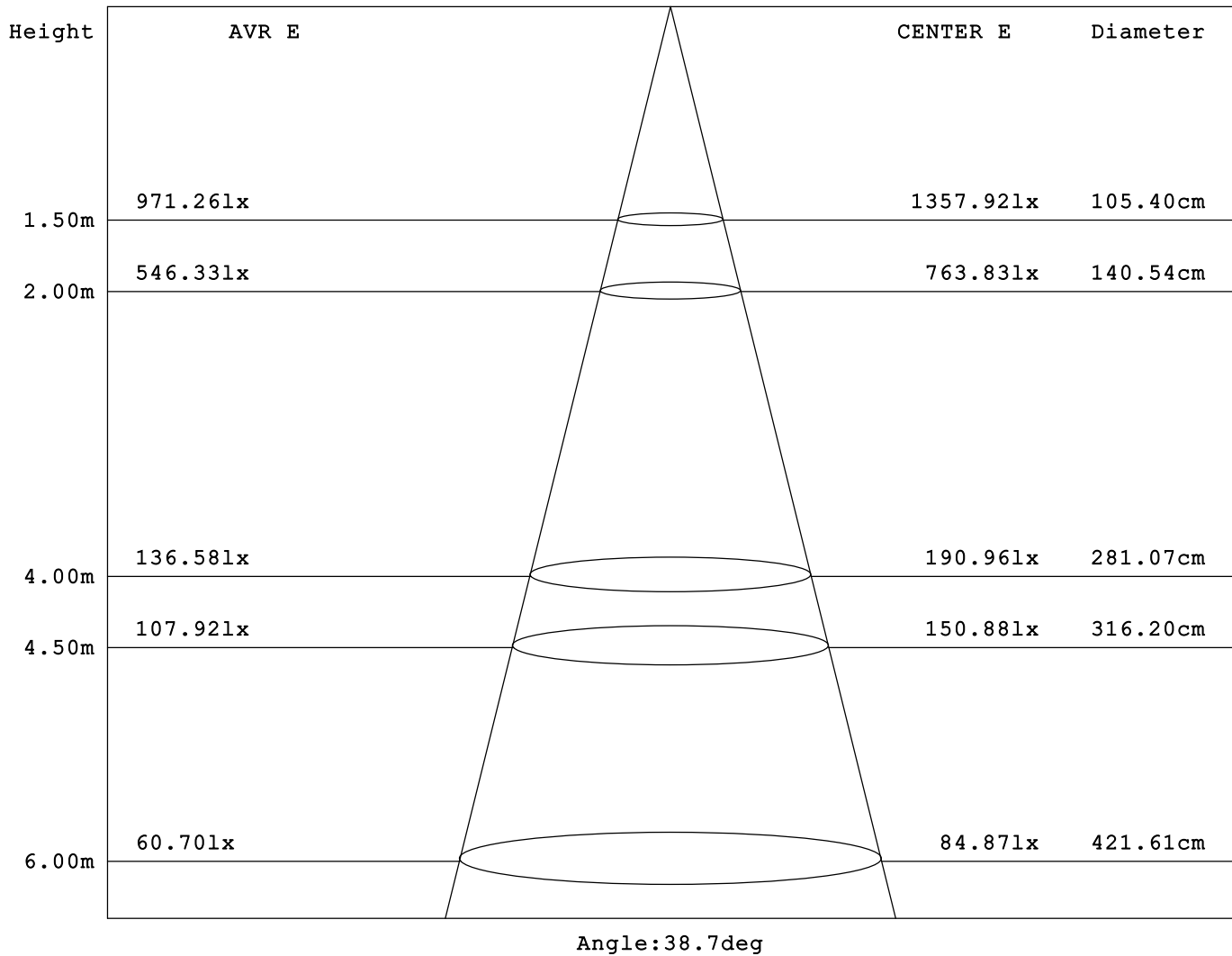
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.400 m
Remarks: 5700K

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: 5700K 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:9.400 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 5700K 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	2596	2593	2654	2659	2625	2634	2593	2530	0- 10	269.1	269.1
20.0	1443	1464	1522	1563	1426	1394	1309	1291	10- 20	571.8	840.9
30.0	295.2	324.2	327.2	328.2	244.4	210.9	212.1	213.0	20- 30	348.2	1189
40.0	47.00	51.11	42.23	38.25	21.82	21.95	29.42	28.45	30- 40	76.04	1265
50.0	11.66	7.422	3.534	7.643	3.446	6.141	10.86	6.759	40- 50	13.23	1278
60.0	8.040	4.771	2.120	4.815	2.827	4.241	7.157	4.418	50- 60	5.175	1284
70.0	6.273	3.711	1.413	3.578	3.004	3.843	6.273	3.490	60- 70	4.169	1288
80.0	5.301	3.313	1.590	3.136	3.269	3.357	5.124	3.136	70- 80	3.833	1292
90.0	4.506	3.357	2.120	3.136	4.594	3.004	3.976	2.871	80- 90	3.639	1295
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:9.400 m
Remarks: 5700K

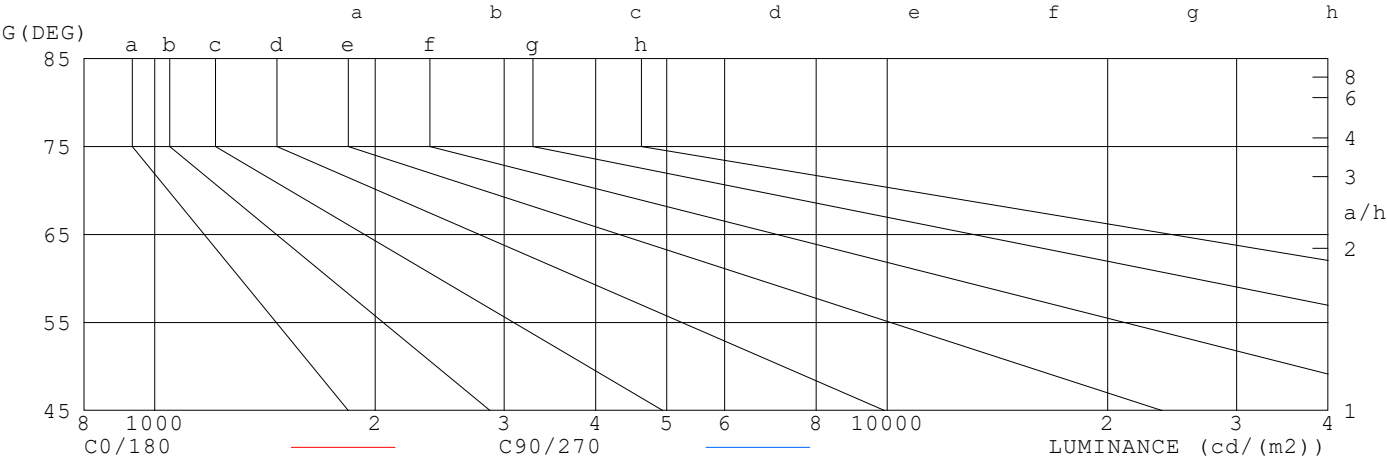
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	568	193
80	305	92
75	218	51
70	183	41
65	171	36
60	161	42
55	165	49
50	181	55
45	291	191

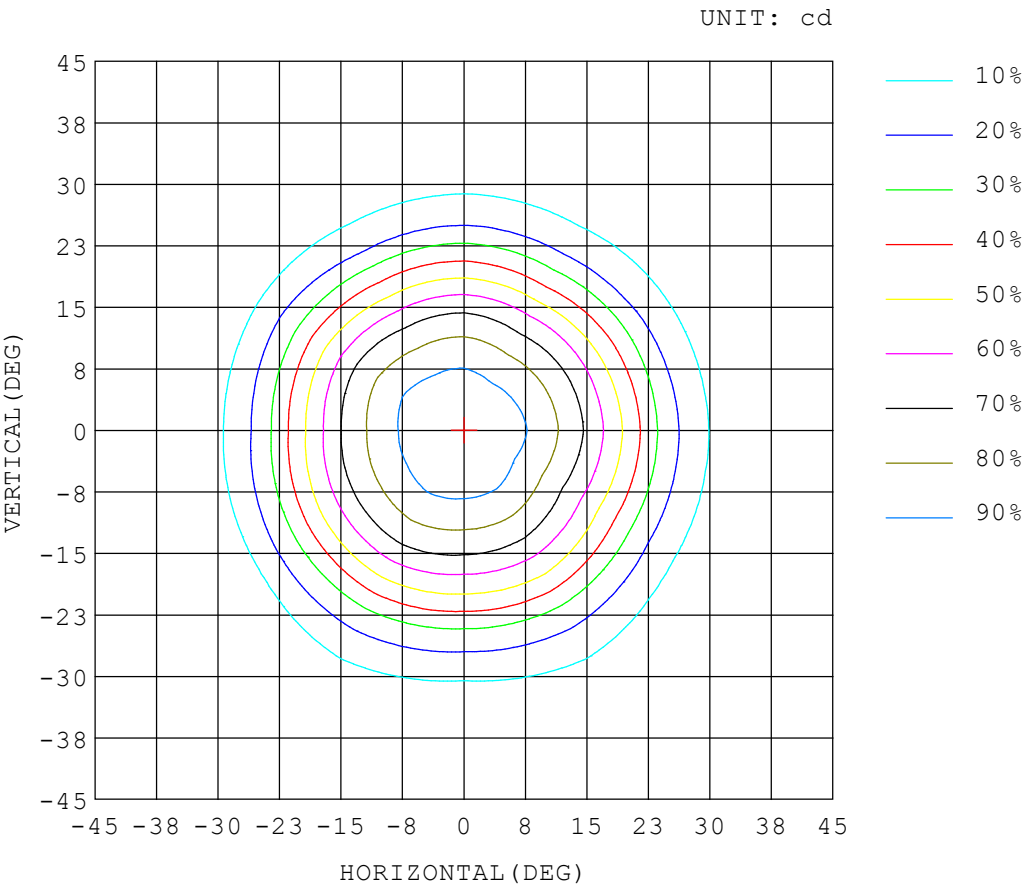
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.400 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:



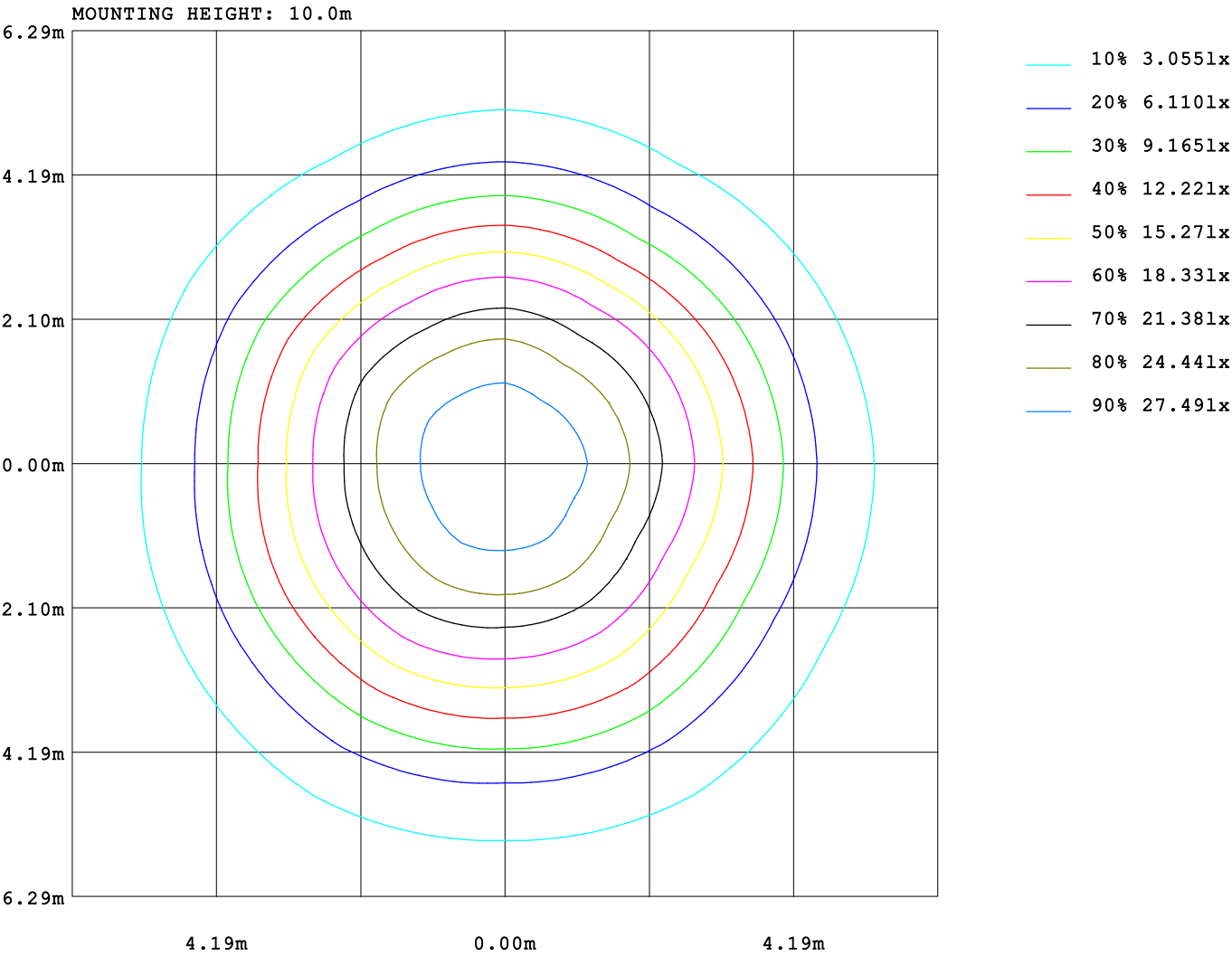
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.400 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 5700K 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:9.400 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: FLEXION DOUBLE HEAD										TYPE: 5700K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 350 MA										DIMENSION: L-160 CUTOUT L-150 H-80					SERIAL No.:				

		AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
VERTICAL (DEG)	45																						
	40	0.04	0.04	0.03	0.03	0.02	0.04	0.08	0.12	0.15	0.16	0.13	0.09	0.05	0.03	0.04	0.04	0.04	0.04	1.16	0.00		
	35	0.04	0.05	0.05	0.06	0.07	0.11	0.19	0.28	0.36	0.37	0.31	0.22	0.13	0.09	0.07	0.06	0.05	0.05	2.53	0.00		
	30	0.05	0.06	0.08	0.12	0.19	0.30	0.55	0.83	1.02	1.03	0.86	0.60	0.37	0.25	0.15	0.10	0.07	0.06	6.70	0.00		
	25	0.06	0.09	0.15	0.27	0.50	0.95	1.63	2.45	3.00	2.97	2.40	1.61	1.00	0.60	0.35	0.19	0.11	0.07	18.4	9.11		
	20	0.06	0.12	0.26	0.56	1.25	2.58	4.21	5.97	7.09	6.98	5.71	3.94	2.45	1.29	0.68	0.34	0.16	0.09	43.7	37.8		
	15	0.07	0.16	0.41	1.10	2.76	5.40	8.48	11.0	12.5	12.4	10.5	7.87	4.96	2.61	1.19	0.55	0.24	0.11	82.5	77.7		
		0.08	0.21	0.63	1.84	4.75	8.94	12.9	15.8	17.4	17.2	15.2	12.1	8.23	4.38	1.90	0.81	0.33	0.14	123	119		
		0.08	0.26	0.85	2.63	6.42	11.5	16.2	19.2	20.7	20.3	18.5	15.4	10.9	6.13	2.71	1.08	0.42	0.17	154	150		
		0.08	0.29	1.00	3.10	7.34	12.7	17.5	20.8	22.4	22.2	20.3	17.0	12.5	7.32	3.28	1.27	0.49	0.19	170	166		
		0.08	0.29	1.02	3.18	7.45	12.8	17.5	20.7	22.5	22.4	20.4	17.0	12.5	7.39	3.34	1.30	0.49	0.18	171	167		
		0.07	0.27	0.93	2.83	6.73	11.8	16.4	19.5	21.1	20.9	18.9	15.3	11.0	6.36	2.87	1.14	0.44	0.16	157	153		
	-15	0.06	0.21	0.71	2.11	5.25	9.67	13.8	16.9	18.2	18.0	16.3	13.0	8.84	4.76	2.13	0.88	0.34	0.13	132	127		
	-20	0.04	0.14	0.47	1.37	3.43	6.61	10.1	12.8	13.9	13.7	12.4	9.65	6.07	3.20	1.42	0.60	0.24	0.09	96.4	91.8		
	-25	0.03	0.09	0.28	0.79	1.89	3.79	6.06	7.84	8.75	8.66	7.59	5.75	3.60	1.89	0.90	0.38	0.15	0.06	58.5	53.1		
	-30	0.02	0.05	0.16	0.43	0.96	1.86	2.90	3.79	4.26	4.22	3.72	2.85	1.88	1.04	0.53	0.23	0.09	0.03	29.0	21.7		
-35	0.01	0.04	0.09	0.22	0.46	0.83	1.22	1.55	1.71	1.71	1.57	1.26	0.91	0.55	0.29	0.13	0.05	0.02	12.6	0.75			
-40	0.02	0.03	0.06	0.12	0.23	0.35	0.48	0.59	0.63	0.65	0.62	0.53	0.41	0.28	0.15	0.08	0.03	0.02	5.27	0.00			
-45	0.02	0.03	0.05	0.08	0.13	0.16	0.19	0.21	0.22	0.22	0.23	0.21	0.18	0.14	0.08	0.05	0.03	0.02	2.26	0.00			
		-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45		
Φ t		0.92	2.43	7.23	20.8	49.8	90.7	131	161	176	174	156	125	86.2	48.3	22.1	9.26	3.78	1.61	1295			
Φ a		0.00	0.00	0.00	12.1	44.1	86.0	126	156	172	170	151	120	81.0	42.1	13.4	0.00	0.00	0.00		1189		

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

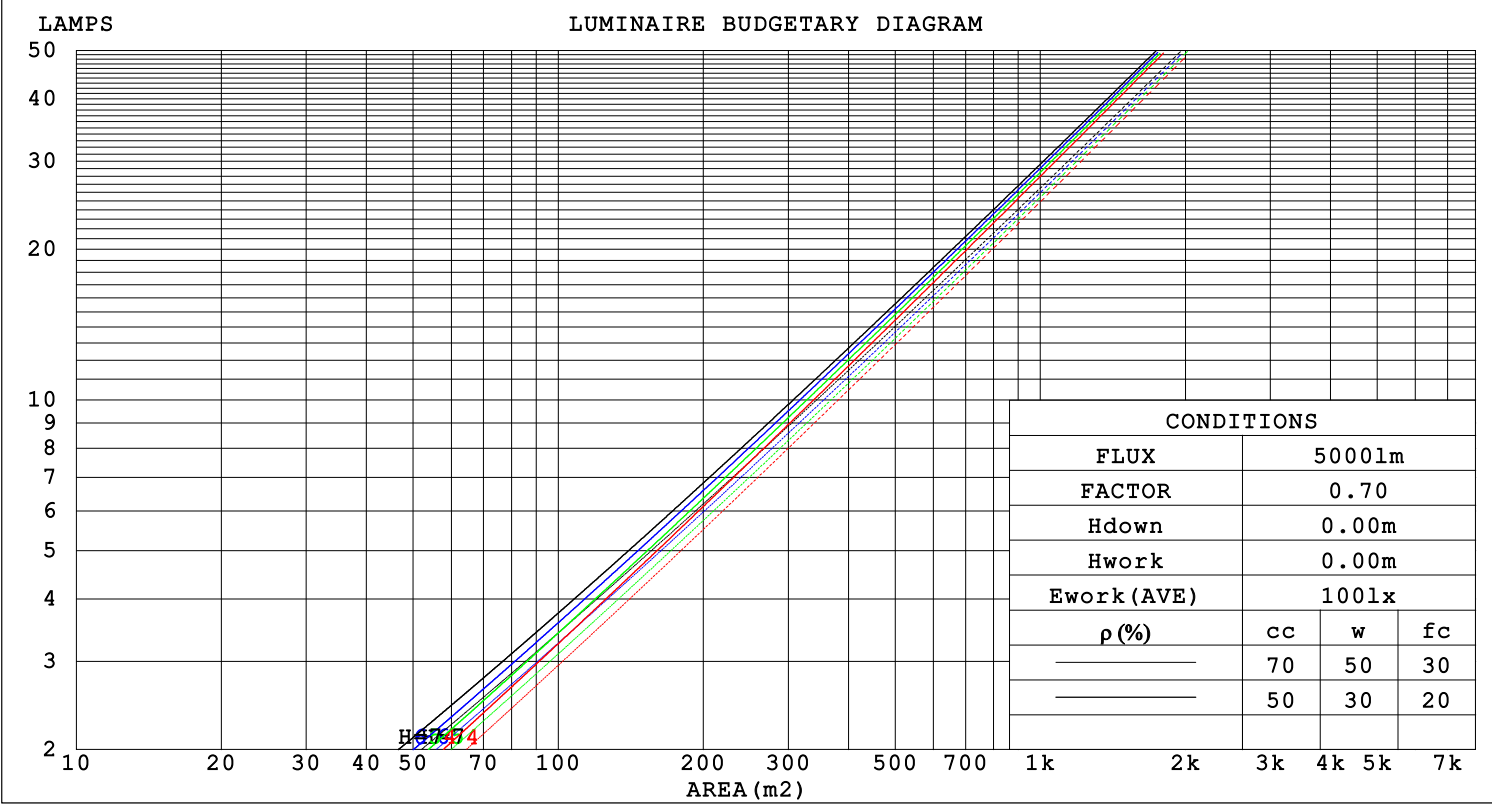
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.400 m
Remarks: 5700K

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: 5700K 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	.85	.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	.76	.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:9.400 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: FLEXION DOUBLE HEAD								TYPE: 5700K 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:9.400 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: FLEXION DOUBLE HEAD					TYPE: 5700K 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		-0.6	0.1	-0.4	0.3	0.4	0.5	1.3	0.7	1.5	1.6
	3H	-0.3	0.4	-0.0	0.6	0.8	0.6	1.3	0.8	1.5	1.7
	4H	0.2	0.9	0.4	1.1	1.3	0.6	1.3	0.9	1.5	1.7
	6H	1.0	1.6	1.3	1.9	2.1	0.7	1.4	1.0	1.6	1.8
	8H	1.6	2.2	1.9	2.5	2.7	0.8	1.4	1.1	1.7	1.9
	12H	2.4	3.0	2.7	3.3	3.5	1.0	1.6	1.3	1.8	2.1
4H	2H	-0.7	-0.1	-0.5	0.1	0.4	0.4	1.1	0.7	1.3	1.5
	3H	-0.3	0.3	-0.0	0.5	0.8	0.7	1.3	1.0	1.5	1.8
	4H	0.2	0.7	0.5	1.0	1.3	1.0	1.5	1.3	1.8	2.1
	6H	1.2	1.7	1.6	2.0	2.4	1.4	1.8	1.7	2.2	2.5
	8H	2.0	2.5	2.4	2.8	3.2	1.6	2.0	2.0	2.4	2.7
	12H	3.1	3.5	3.5	3.9	4.3	1.9	2.3	2.3	2.7	3.1
8H	4H	0.3	0.8	0.7	1.1	1.5	1.1	1.5	1.5	1.9	2.3
	6H	1.4	1.8	1.8	2.2	2.6	1.9	2.3	2.4	2.7	3.1
	8H	2.3	2.6	2.7	3.0	3.5	2.5	2.8	2.9	3.2	3.7
	12H	3.6	3.9	4.1	4.3	4.8	3.2	3.4	3.6	3.9	4.3
12H	4H	0.4	0.8	0.8	1.2	1.6	1.1	1.5	1.5	1.9	2.2
	6H	1.6	1.9	2.0	2.3	2.7	2.0	2.4	2.5	2.8	3.2
	8H	2.5	2.7	2.9	3.2	3.7	2.8	3.1	3.3	3.5	4.0
Variations with the observer position at spacings:											
S = 1.0H		+ 1.1 / - 0.9					+ 1.1 / - 1.1				
1.5H		+ 2.4 / - 1.1					+ 2.5 / - 1.2				
2.0H		+ 1.4 / - 0.6					+ 0.6 / - 0.6				

CIE Pub.117 Corrected 1295 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.9)

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:9.400 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019										
NAME: FLEXION DOUBLE HEAD					TYPE: 5700K 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	

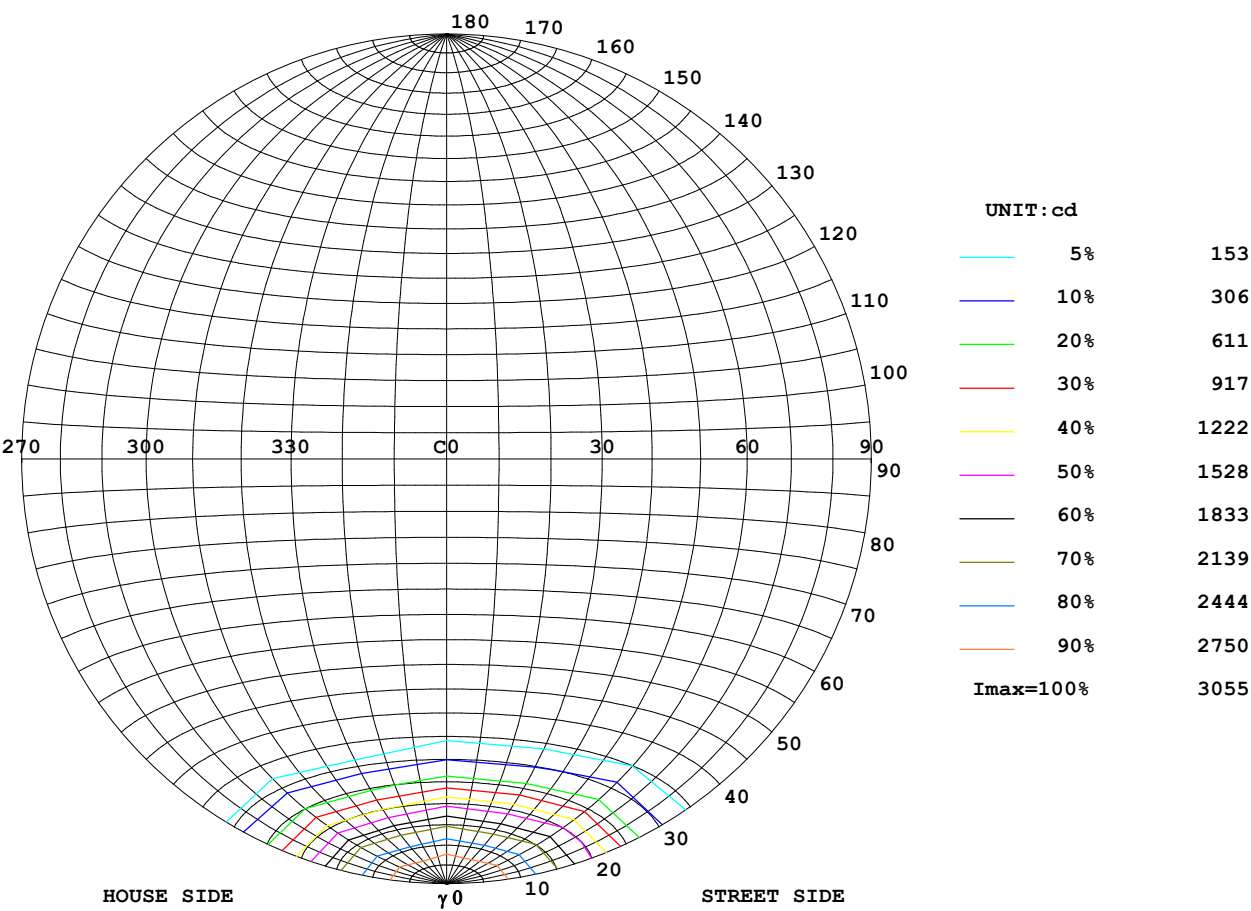
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.400 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 5700K 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

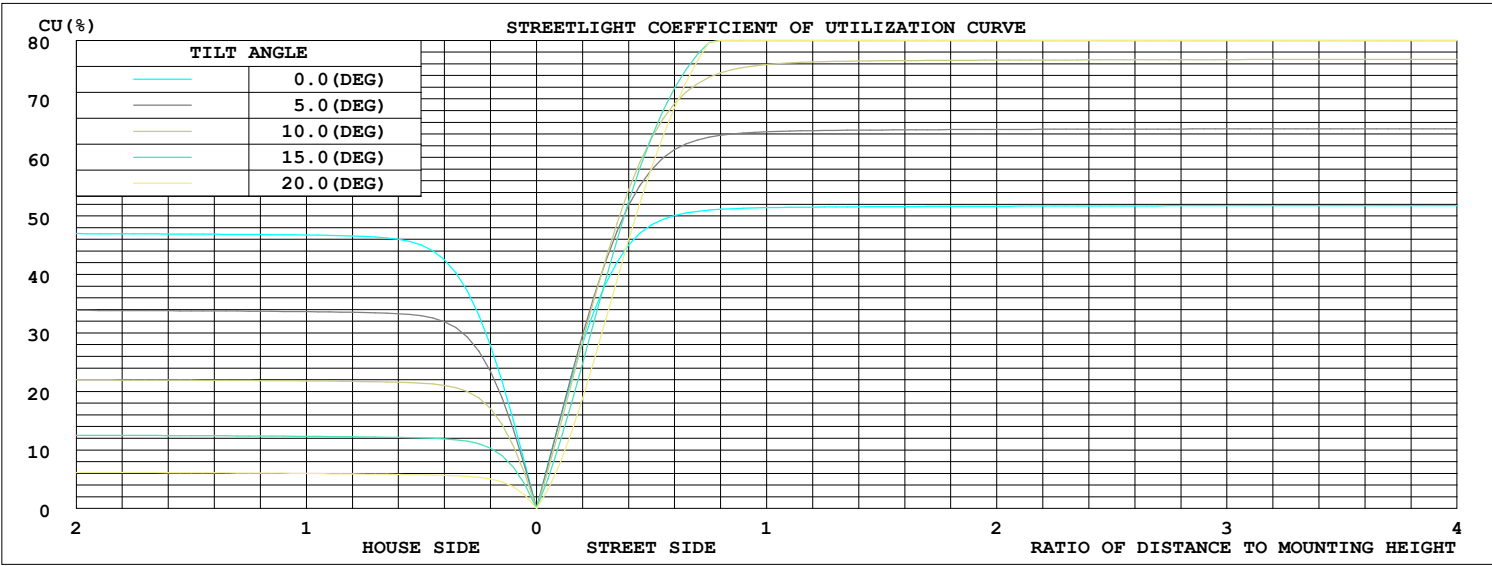
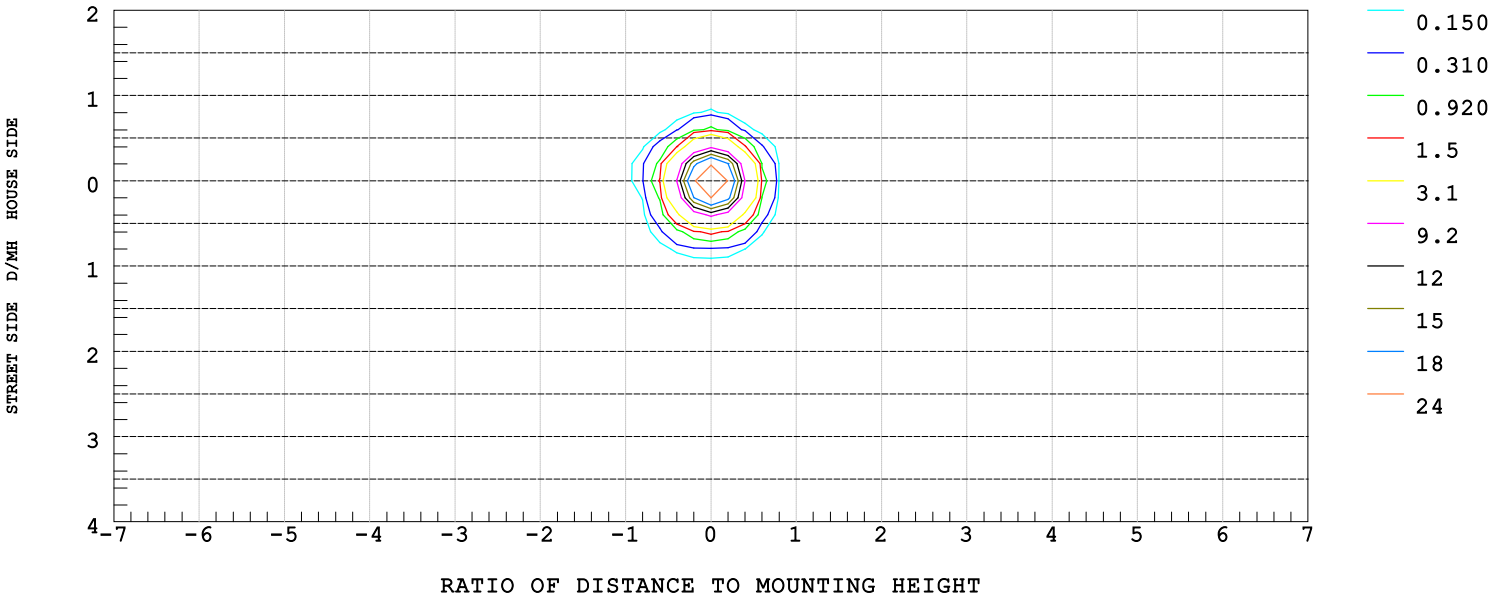
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.400 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 30.55 lx



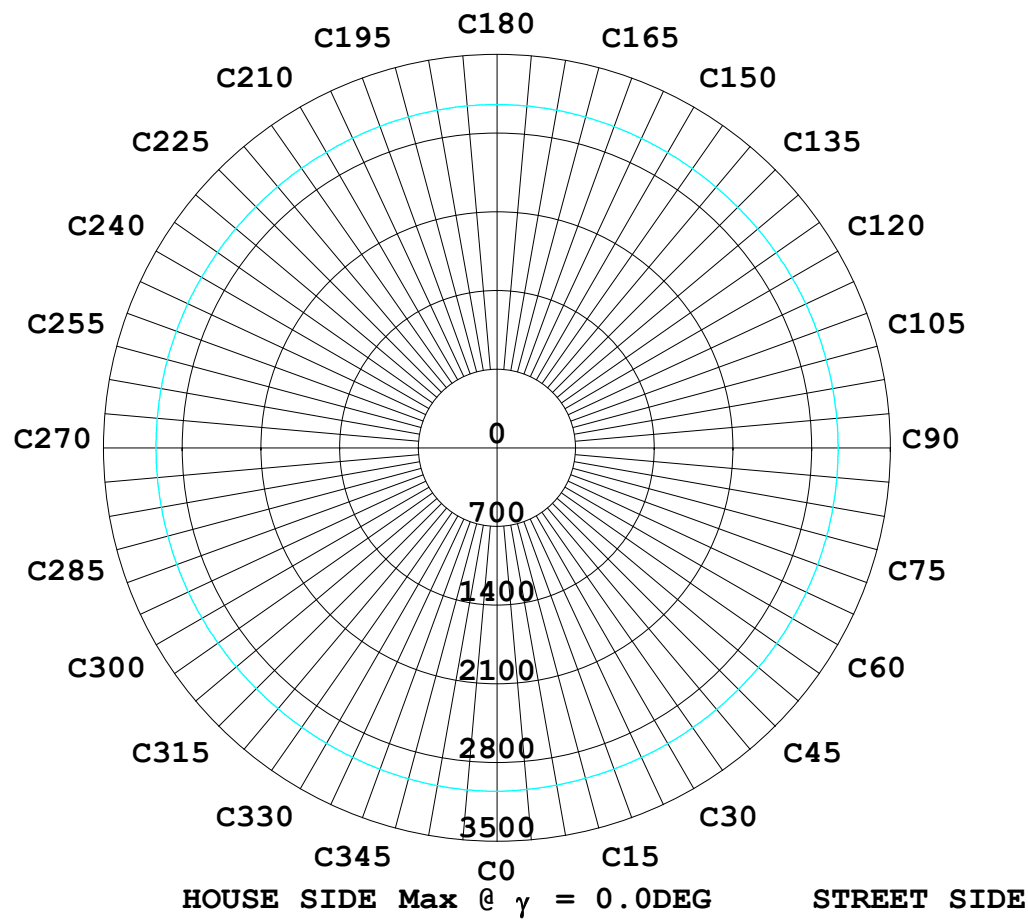
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.400 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 5700K 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:9.400 m
Remarks: 5700K

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: 5700K 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	3055	3038	3037	3034	3031	3034	3055	3038	3037	3034	3031	3034
5.0	2933	2895	2943	2941	2964	2929	2937	2939	2918	2915	2868	2891
10.0	2596	2548	2639	2654	2680	2638	2625	2672	2597	2593	2509	2551
15.0	2098	2024	2143	2163	2243	2190	2134	2183	2070	2065	1990	2055
20.0	1443	1395	1533	1522	1591	1536	1426	1467	1320	1309	1229	1352
25.0	717	708	819	801	870	803	695	723	588	607	547	649
30.0	295	287	362	327	367	289	244	234	188	212	188	238
35.0	119	112	150	124	141	91.4	73.0	75.9	47.9	71.4	60.3	99.6
40.0	47.0	40.2	62.0	42.2	51.4	25.0	21.8	30.2	13.6	29.4	17.9	38.9
45.0	20.5	12.5	26.5	13.5	22.7	6.62	6.71	15.0	3.53	14.5	4.77	17.3
50.0	11.6	2.65	12.1	3.53	12.8	2.47	3.44	10.4	1.85	10.8	2.82	10.6
55.0	9.45	1.94	9.45	2.82	10.0	1.59	2.73	8.39	1.32	9.01	2.29	8.74
60.0	8.04	1.76	7.77	2.12	8.30	1.32	2.82	7.24	1.23	7.15	1.59	7.24
65.0	7.24	1.85	6.80	1.50	6.53	1.32	2.82	6.36	1.32	6.27	1.14	6.27
70.0	6.27	1.50	5.92	1.41	5.83	1.32	3.00	5.74	1.94	6.27	1.41	5.56
75.0	5.65	1.59	5.30	1.32	5.21	1.32	3.09	5.38	2.03	5.65	1.59	5.12
80.0	5.30	1.67	4.94	1.59	4.85	1.41	3.26	4.77	1.94	5.12	1.59	4.68
85.0	4.94	1.85	4.59	1.67	4.41	1.67	3.44	4.41	1.85	4.59	1.59	4.41
90.0	4.50	2.47	4.24	2.12	4.15	2.12	4.59	3.97	2.03	3.97	1.85	3.88

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%
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