

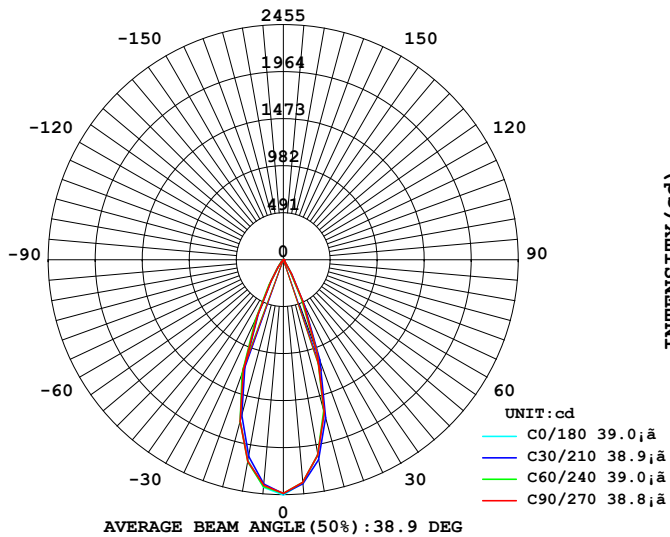
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

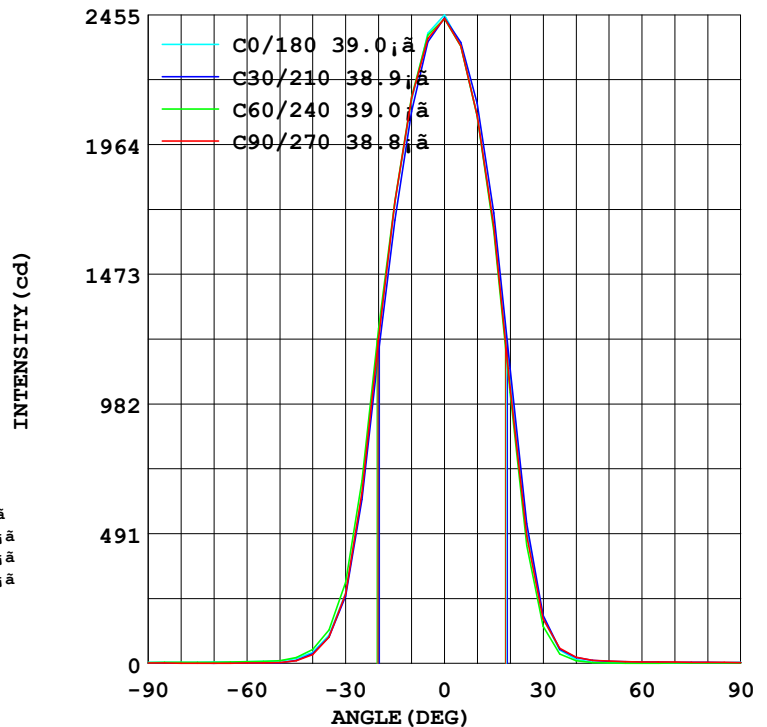
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

DATA OF LAMP		Imax (cd)	2455	S/MH (C0/180)	0.62
MODEL	FLEXION DOUBLE HEAD	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.62
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1040.0	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	89.7	Current (A)	0.054
NOMINAL FLUX (lm)	1040.1	η up (%)	0.0	Power (W)	11.60
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.959
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	954.7	EEI	0.157

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: 8.400 m
 Remarks: 3000K

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: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

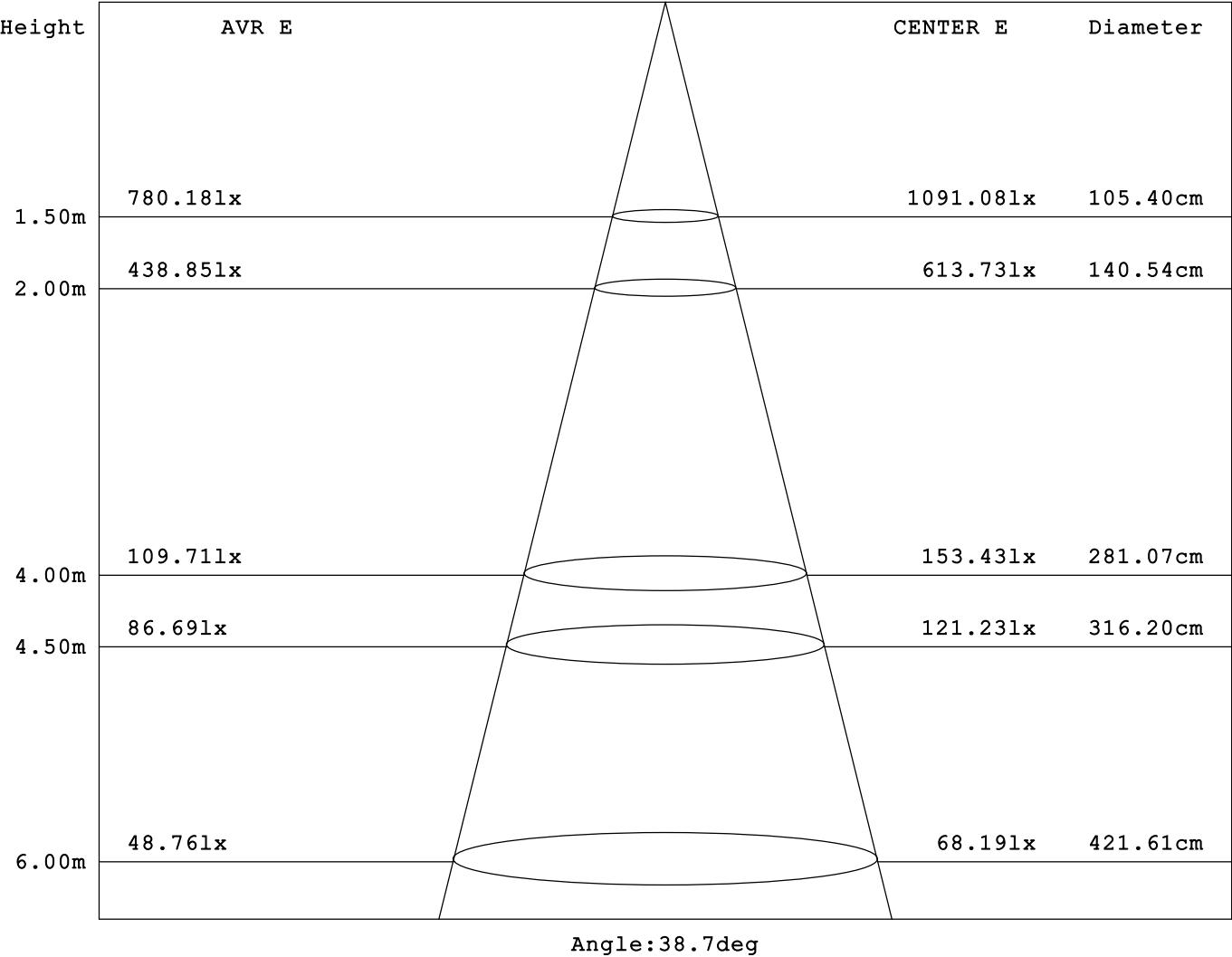
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 3000K

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: 3000K 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:8.400 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 3000K 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	2130	2117	2139	2099	2071	2096	2074	2062	0- 10	216.2	216.2
20.0	1235	1224	1230	1196	1071	1071	1044	1091	10- 20	459.2	675.5
30.0	265.7	280.8	263.7	239.6	171.4	161.5	169.3	176.0	20- 30	279.1	954.7
40.0	42.26	44.55	33.58	28.11	15.31	16.33	23.63	24.97	30- 40	61.10	1016
50.0	9.666	6.173	2.822	5.856	2.610	4.727	8.749	5.538	40- 50	10.78	1027
60.0	6.562	3.845	1.764	3.774	2.187	3.316	5.785	3.598	50- 60	4.147	1031
70.0	5.009	2.963	1.058	2.857	2.399	3.104	5.009	2.857	60- 70	3.340	1034
80.0	4.233	2.681	1.128	2.504	2.610	2.716	4.092	2.540	70- 80	3.068	1037
90.0	3.739	2.646	1.693	2.504	3.739	2.293	3.104	2.328	80- 90	2.899	1040
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:8.400 m
 Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 3000K 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	453	146
80	244	65
75	177	44
70	146	31
65	139	28
60	131	35
55	135	38
50	150	44
45	258	153

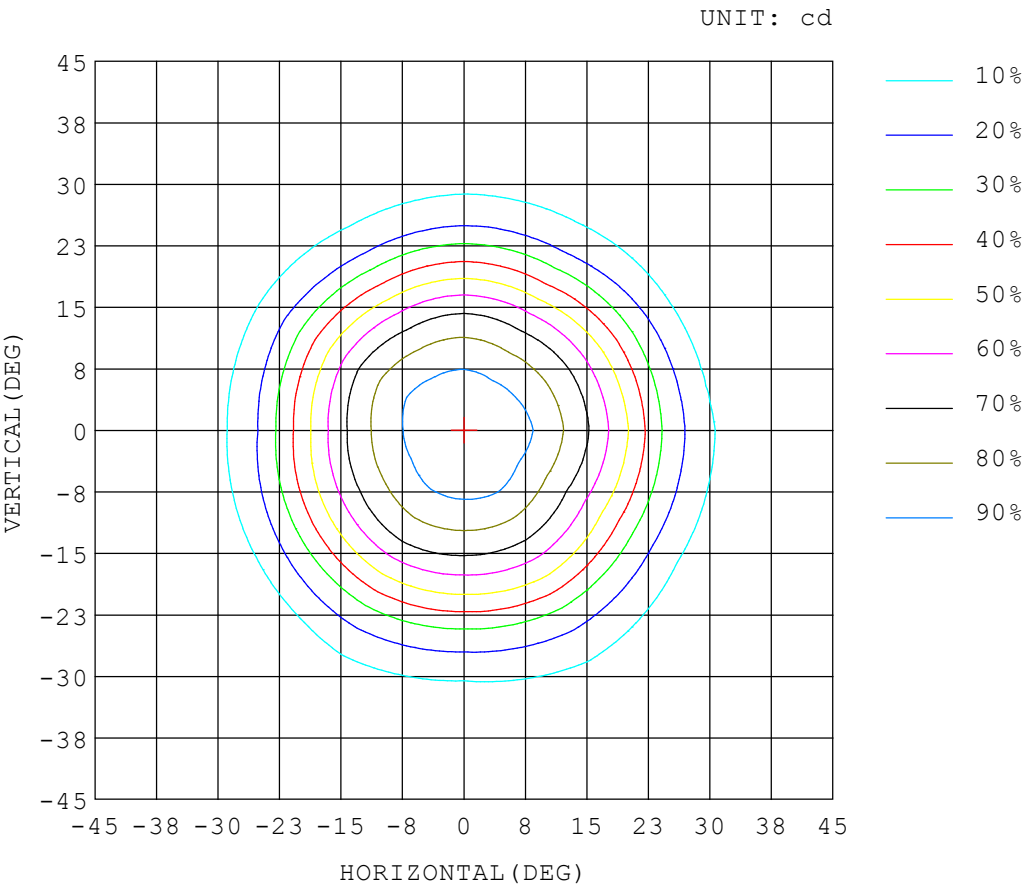
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:



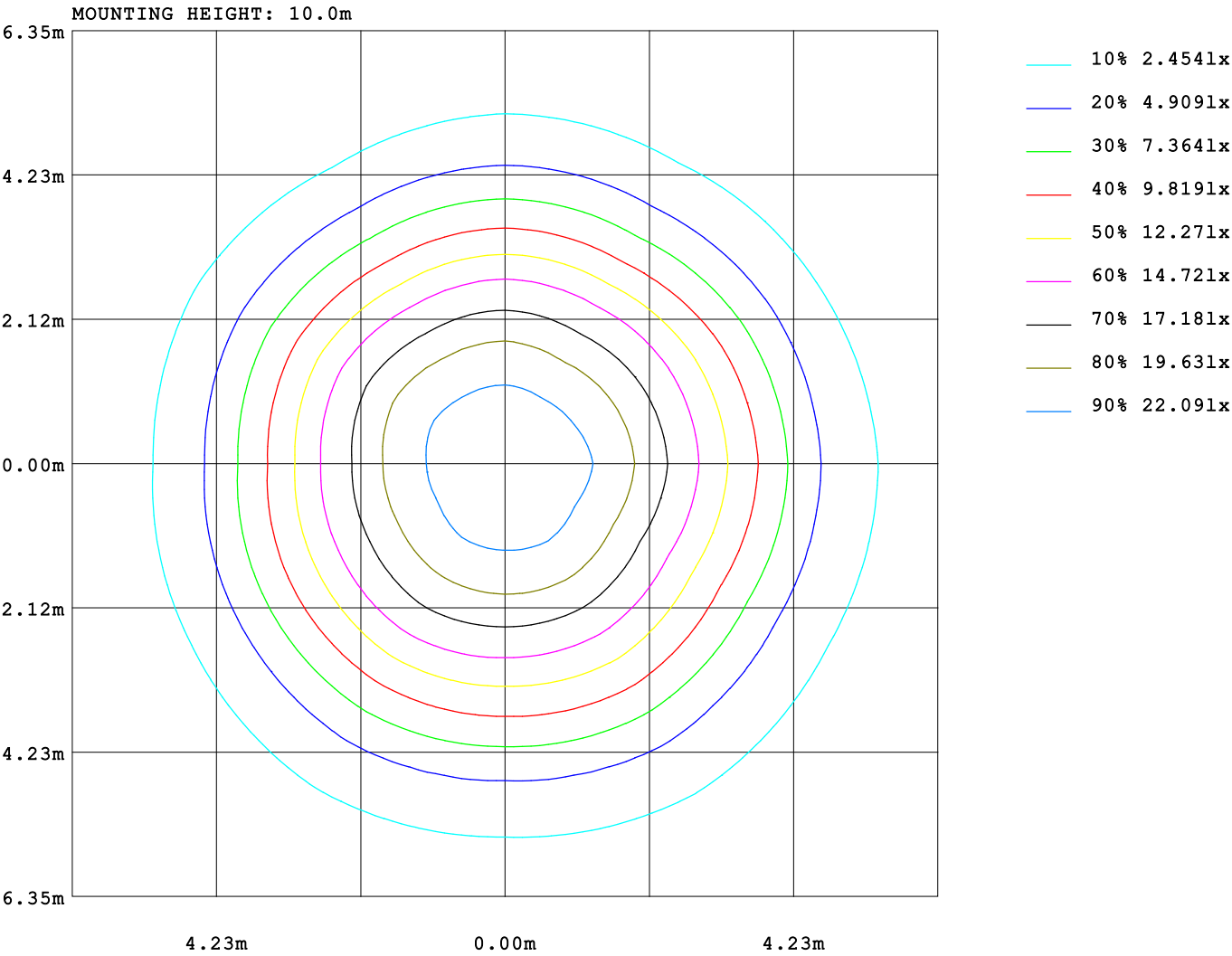
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 3000K 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:8.400 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: FLEXION DOUBLE HEAD										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 350 MA										DIMENSION: L-160 CUTOUT L-150 H-80					MSERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.03	0.03	0.03	0.02	0.02	0.03	0.06	0.09	0.12	0.13	0.10	0.07	0.04	0.03	0.03	0.03	0.03	0.03	0.94	0.00			
45																							
40	0.03	0.04	0.04	0.04	0.05	0.08	0.15	0.22	0.28	0.30	0.25	0.18	0.11	0.08	0.06	0.05	0.04	0.04	2.04	0.00			
35	0.04	0.05	0.06	0.09	0.14	0.22	0.42	0.64	0.81	0.84	0.71	0.51	0.32	0.22	0.14	0.09	0.06	0.05	5.39	0.00			
30	0.05	0.07	0.11	0.19	0.37	0.72	1.24	1.90	2.36	2.39	1.98	1.37	0.86	0.52	0.30	0.16	0.09	0.06	14.7	7.28			
25	0.05	0.09	0.19	0.41	0.95	1.94	3.20	4.64	5.61	5.62	4.71	3.34	2.09	1.07	0.59	0.30	0.15	0.07	35.0	30.2			
20	0.05	0.12	0.29	0.84	2.07	4.05	6.53	8.66	10.0	10.0	8.65	6.62	4.27	2.22	0.99	0.49	0.21	0.10	66.2	62.2			
15	0.06	0.15	0.45	1.37	3.50	6.78	10.0	12.5	13.9	13.8	12.4	10.1	7.05	3.82	1.61	0.71	0.30	0.12	99.0	95.5			
	0.06	0.18	0.61	1.92	4.75	8.84	12.7	15.3	16.5	16.4	15.0	12.7	9.29	5.35	2.37	0.95	0.38	0.15	124	121			
	0.06	0.20	0.70	2.23	5.44	9.79	13.7	16.5	17.9	17.9	16.6	14.0	10.5	6.35	2.91	1.14	0.44	0.17	137	134			
	0.06	0.20	0.72	2.27	5.51	9.83	13.7	16.4	17.9	18.1	16.6	14.0	10.5	6.40	2.97	1.17	0.44	0.17	137	134			
	0.05	0.18	0.64	2.01	4.94	9.00	12.7	15.4	16.8	16.9	15.4	12.7	9.35	5.51	2.55	1.02	0.39	0.15	126	123			
-15	0.04	0.15	0.49	1.49	3.80	7.28	10.7	13.3	14.5	14.5	13.3	10.7	7.49	4.15	1.90	0.79	0.31	0.12	105	102			
-20	0.03	0.10	0.32	0.96	2.48	4.94	7.82	10.0	11.1	11.1	10.1	8.04	5.18	2.79	1.26	0.54	0.22	0.08	77.3	73.7			
-25	0.02	0.06	0.19	0.56	1.37	2.83	4.63	6.13	7.00	7.04	6.26	4.83	3.08	1.64	0.79	0.34	0.14	0.05	47.0	42.6			
-30	0.01	0.03	0.11	0.31	0.70	1.39	2.21	2.96	3.40	3.44	3.07	2.39	1.60	0.90	0.46	0.21	0.08	0.03	23.3	17.4			
-35	0.01	0.03	0.07	0.16	0.34	0.63	0.94	1.21	1.36	1.39	1.29	1.06	0.77	0.47	0.25	0.12	0.05	0.01	10.1	0.68			
-40	0.01	0.02	0.05	0.09	0.17	0.27	0.37	0.46	0.50	0.52	0.51	0.44	0.35	0.24	0.13	0.07	0.03	0.01	4.23	0.00			
-45	0.01	0.02	0.04	0.06	0.10	0.12	0.15	0.17	0.17	0.18	0.19	0.18	0.15	0.12	0.07	0.04	0.02	0.02	1.80	0.00			
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45			
Φ t	0.67	1.72	5.12	15.0	36.7	68.7	101	127	141	141	128	104	73.1	41.9	19.4	8.23	3.37	1.41	1040				
Φ a	0.00	0.00	0.00	8.11	32.1	64.7	97.9	123	137	138	124	99.8	69.0	36.9	12.5	0.26	0.00	0.00		955			

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

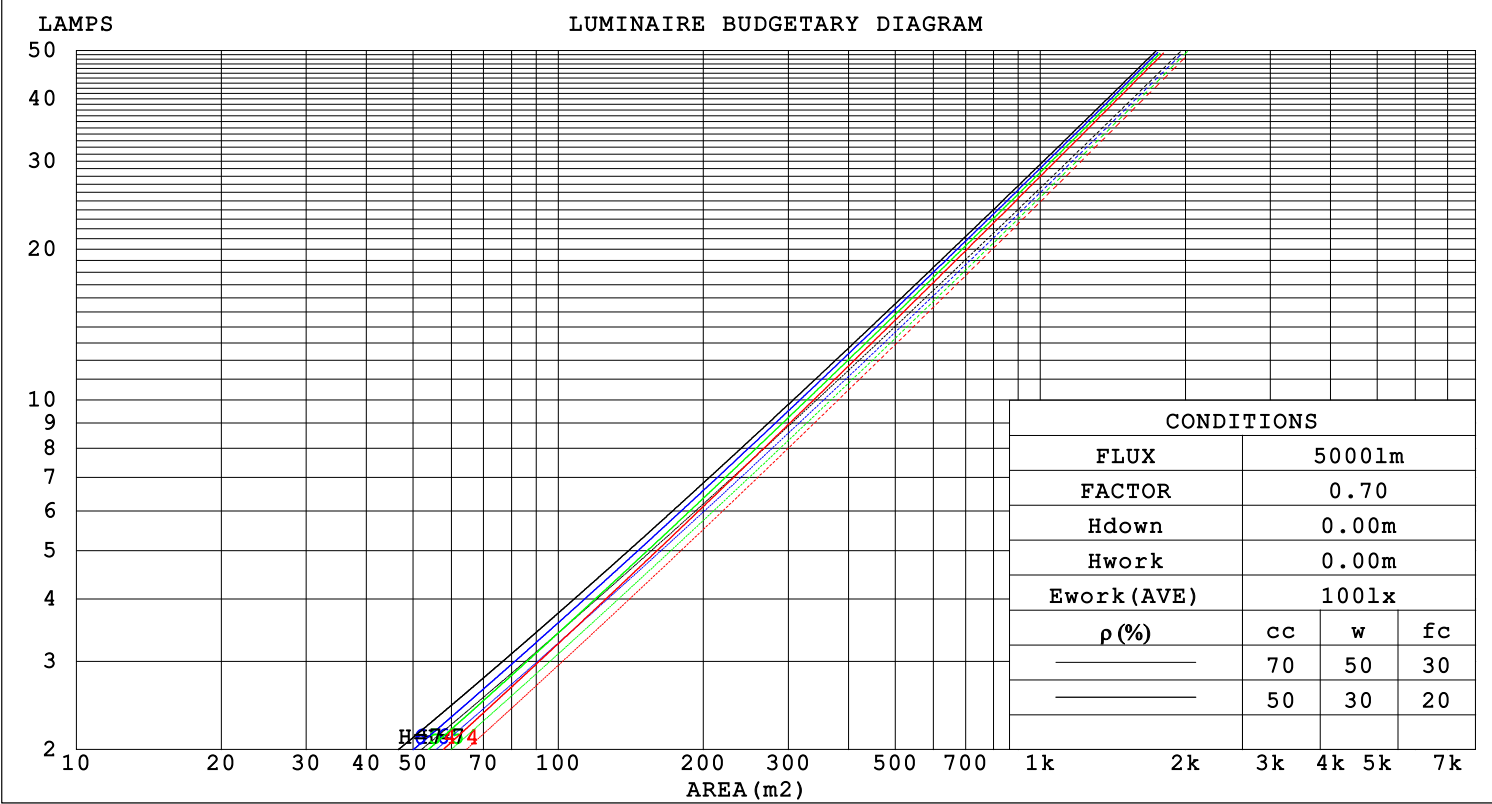
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 3000K

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: 3000K 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	.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:8.400 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: FLEXION DOUBLE HEAD								TYPE: 3000K CRI-90				WEIGHT:		
SPECIFICATION: OSRAM 350 MA								DIMENSION: L-160 CUTOUT L-150 H-80				MSERIAL 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:8.400 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: FLEXION DOUBLE HEAD					TYPE: 3000K 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	-0.5	0.2	0.4	-0.0	0.7	0.2	0.9	1.1
	3H	-0.4	0.3	-0.2	0.5	0.7	-0.0	0.7	0.2	0.9	1.1
	4H	-0.0	0.6	0.2	0.8	1.1	0.0	0.7	0.3	0.9	1.1
	6H	0.7	1.3	0.9	1.5	1.8	0.1	0.7	0.4	1.0	1.2
	8H	1.2	1.8	1.5	2.0	2.3	0.2	0.8	0.5	1.0	1.3
	12H	1.9	2.5	2.2	2.7	3.0	0.3	0.9	0.6	1.2	1.4
4H	2H	-0.8	-0.2	-0.6	0.1	0.3	-0.1	0.5	0.1	0.7	1.0
	3H	-0.5	0.1	-0.2	0.3	0.6	0.1	0.7	0.4	1.0	1.2
	4H	-0.1	0.5	0.3	0.8	1.1	0.4	0.9	0.7	1.2	1.5
	6H	0.8	1.3	1.2	1.6	2.0	0.7	1.2	1.1	1.5	1.8
	8H	1.5	2.0	1.9	2.3	2.7	0.9	1.3	1.3	1.7	2.0
	12H	2.5	2.9	2.9	3.3	3.7	1.2	1.6	1.6	2.0	2.3
8H	4H	0.0	0.5	0.4	0.8	1.2	0.5	0.9	0.9	1.3	1.6
	6H	1.0	1.4	1.4	1.7	2.2	1.3	1.6	1.7	2.0	2.4
	8H	1.8	2.1	2.2	2.5	2.9	1.8	2.1	2.2	2.5	3.0
	12H	3.0	3.3	3.5	3.7	4.2	2.4	2.7	2.9	3.1	3.6
12H	4H	0.1	0.5	0.5	0.9	1.3	0.5	0.9	0.9	1.2	1.6
	6H	1.1	1.5	1.6	1.9	2.3	1.3	1.7	1.8	2.1	2.5
	8H	1.9	2.2	2.4	2.7	3.1	2.1	2.3	2.5	2.8	3.2
Variations with the observer position at spacings:											
S = 1.0H		+ 1.3 / - 1.0					+ 1.2 / - 1.2				
1.5H		+ 2.7 / - 1.2					+ 2.7 / - 1.3				
2.0H		+ 1.6 / - 0.6					+ 0.6 / - 0.6				

CIE Pub.117 Corrected 1040 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.1)

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:8.400 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019										
NAME: FLEXION DOUBLE HEAD					TYPE: 3000K 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		

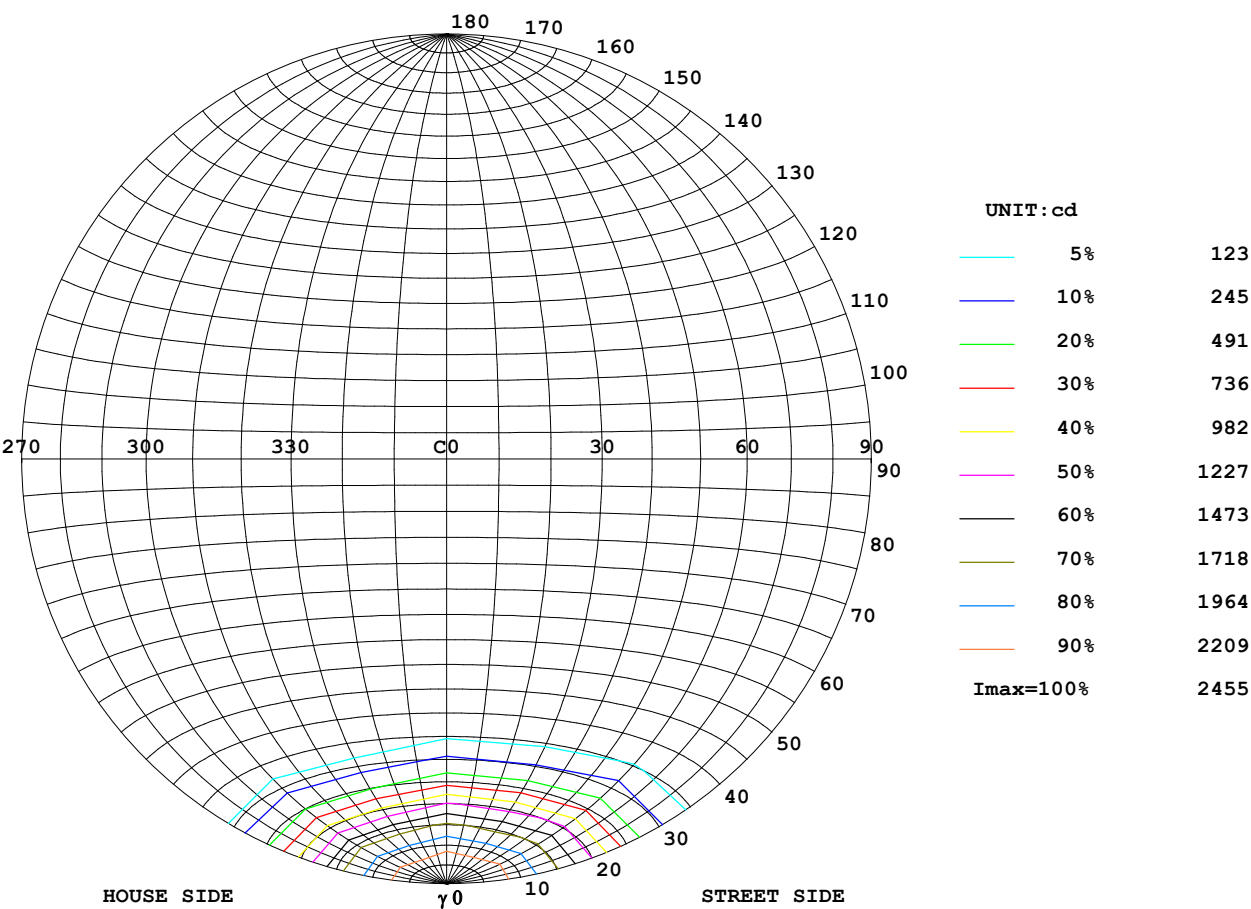
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.400 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 3000K 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

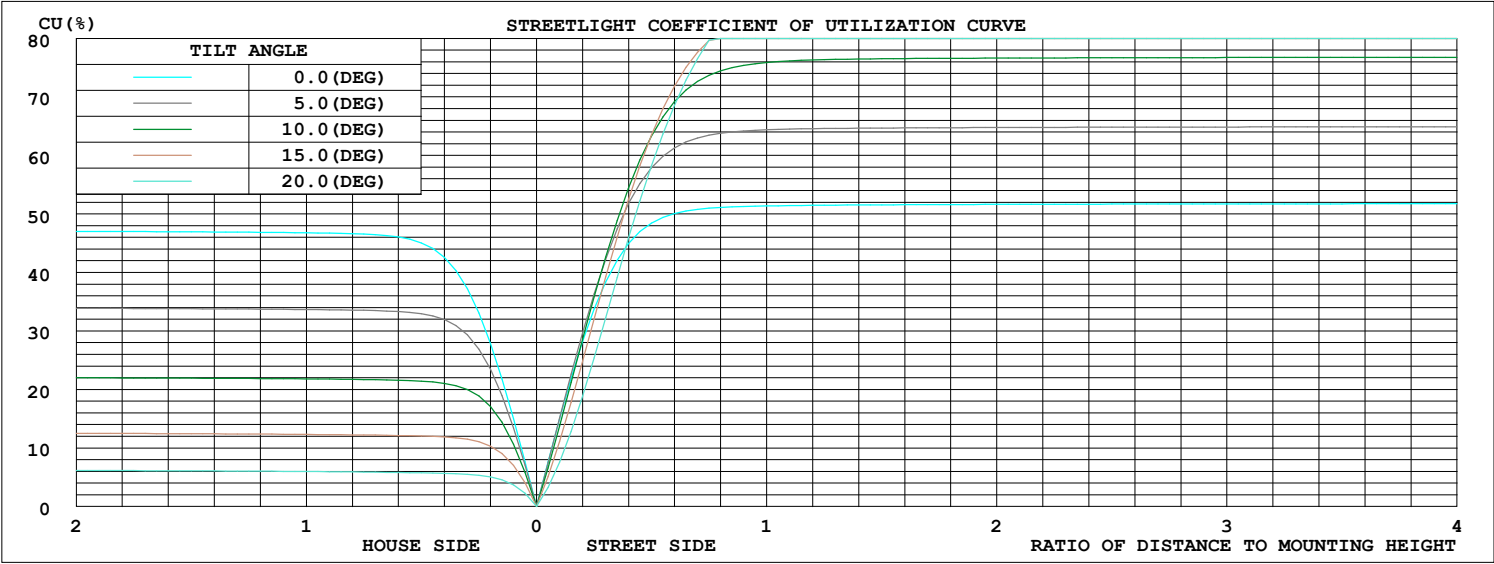
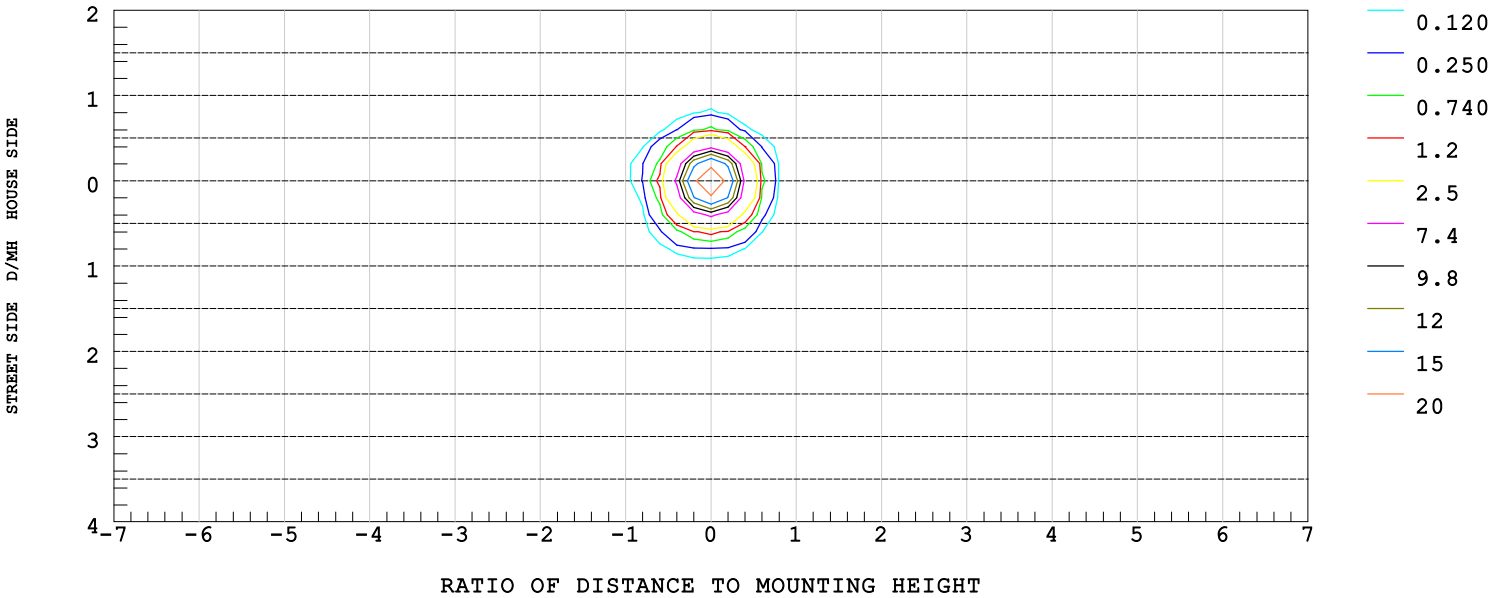
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: L-160 CUTOUT L-150 H-80	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 24.55 lx



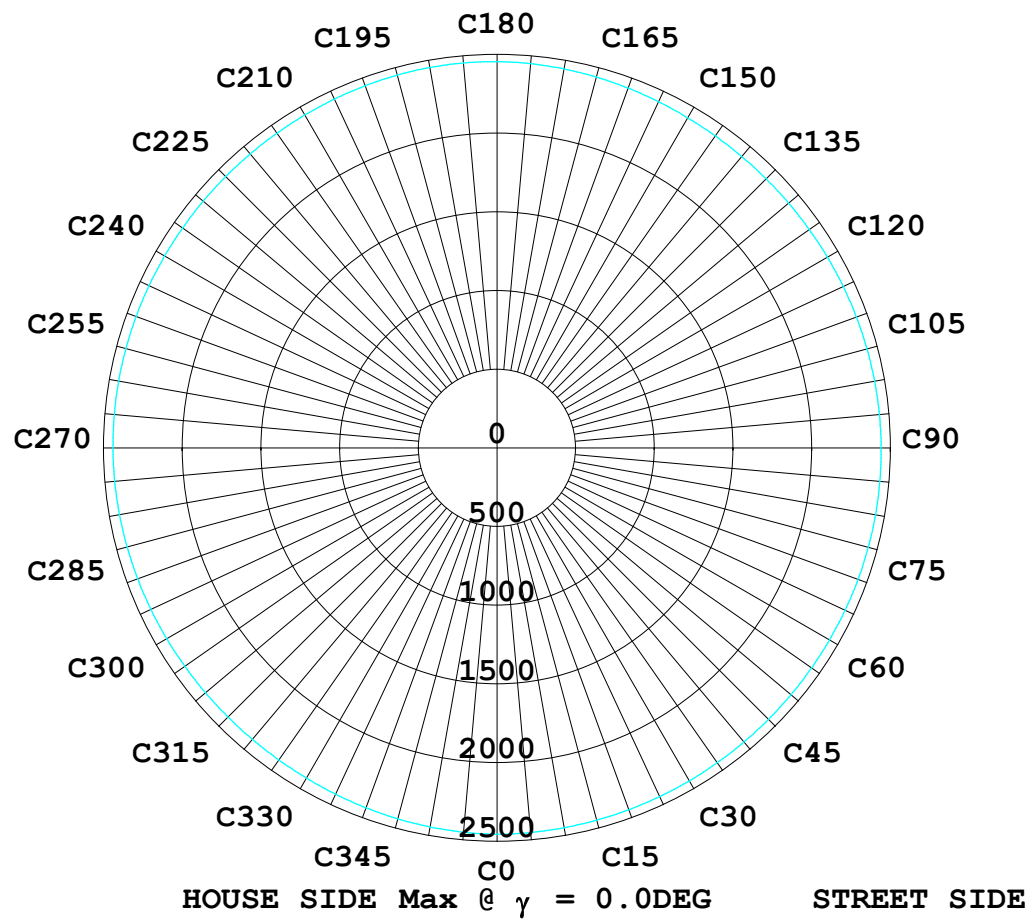
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION DOUBLE HEAD	TYPE: 3000K 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:8.400 m
Remarks: 3000K

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: 3000K 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	2455	2443	2440	2441	2424	2422	2455	2443	2440	2441	2424	2422
5.0	2386	2353	2378	2364	2369	2325	2339	2350	2336	2337	2321	2337
10.0	2130	2089	2144	2139	2123	2075	2071	2120	2073	2074	2040	2084
15.0	1745	1678	1751	1747	1767	1691	1653	1705	1635	1654	1631	1702
20.0	1235	1180	1267	1230	1234	1158	1071	1116	1026	1044	1022	1161
25.0	637	620	691	646	664	580	499	528	446	483	466	573
30.0	266	255	307	264	277	203	171	182	141	169	162	190
35.0	107	99.7	127	99.8	106	62.4	50.1	53.8	35.2	57.2	52.2	88.7
40.0	42.2	36.4	52.7	33.5	38.6	17.5	15.3	22.3	10.3	23.6	15.3	34.5
45.0	18.2	11.7	22.5	10.7	17.1	4.37	4.65	11.4	2.61	11.7	4.23	15.1
50.0	9.66	2.32	10.0	2.82	9.94	1.76	2.61	8.04	1.41	8.74	2.32	8.74
55.0	7.76	1.55	7.62	2.18	7.97	1.27	2.18	6.63	0.99	7.19	1.90	7.12
60.0	6.56	1.41	6.27	1.76	6.49	1.05	2.18	5.64	0.99	5.78	1.34	5.85
65.0	5.85	1.48	5.50	1.19	5.15	0.99	2.25	4.93	1.05	5.00	0.99	5.22
70.0	5.00	1.19	4.72	1.05	4.65	1.05	2.39	4.58	1.62	5.00	1.19	4.51
75.0	4.58	1.34	4.23	1.12	4.16	1.05	2.46	4.16	1.55	4.51	1.27	4.16
80.0	4.23	1.41	3.95	1.12	3.88	1.12	2.61	3.81	1.62	4.09	1.27	3.81
85.0	3.95	1.48	3.66	1.27	3.59	1.34	2.75	3.45	1.48	3.66	1.27	3.45
90.0	3.73	1.90	3.38	1.69	3.31	1.69	3.73	3.03	1.55	3.10	1.55	3.10

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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