

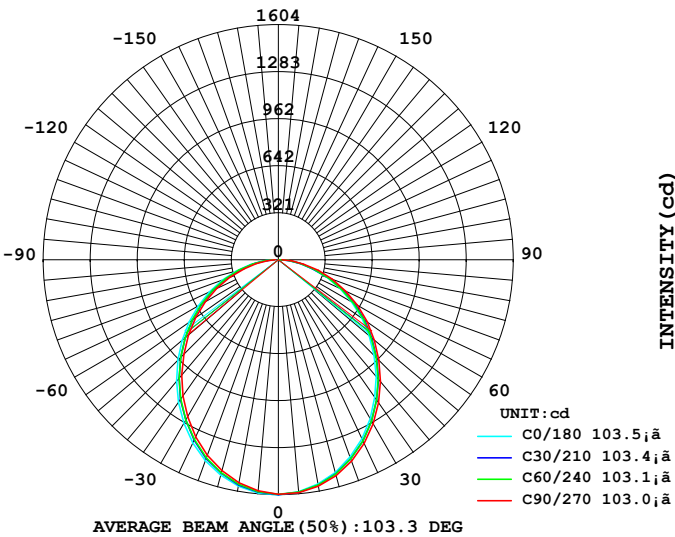
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

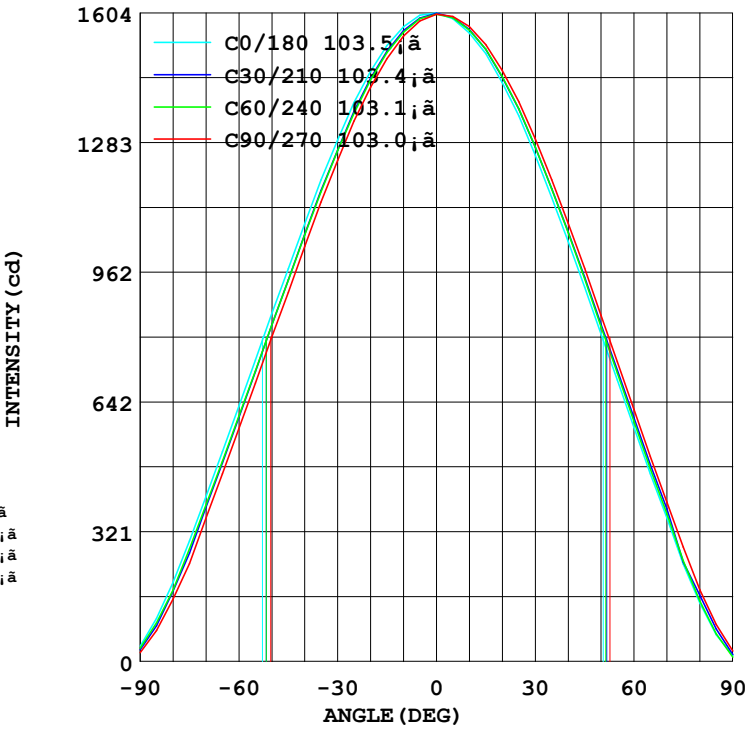
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-46 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1604	S/MH (C0/180)	1.20
MODEL	VIRAJ 45 HEXAGON	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.16
NOMINAL POWER (W)	35	TOTAL FLUX (lm)	4164.7	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	119.7	Current (A)	0.156
NOMINAL FLUX (lm)	4164.8	η up (%)	0.0	Power (W)	34.79
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.986
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	4067.4	EEI	0.117

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-46 MM	SERIAL No.:

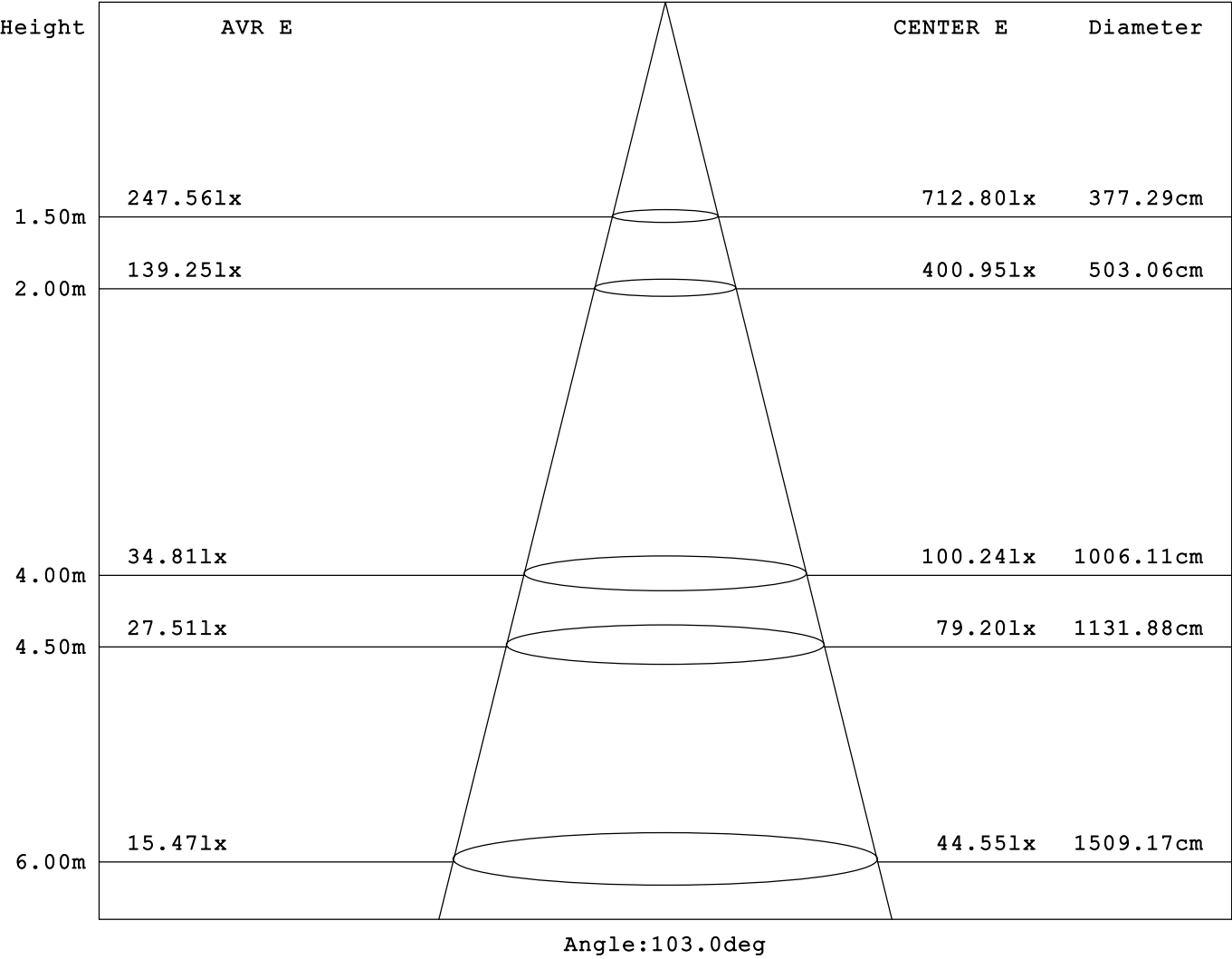
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-46 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-46 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1569	1558	1546	1545	1554	1562	1570	1570	0- 10	150.8	150.8
20.0	1460	1440	1420	1418	1432	1446	1462	1463	10- 20	425.2	576.0
30.0	1289	1264	1238	1235	1253	1273	1293	1295	20- 30	626.6	1203
40.0	1082	1055	1026	1023	1039	1062	1084	1089	30- 40	729.0	1932
50.0	859.6	831.3	801.5	798.9	809.4	830.9	855.5	859.8	40- 50	729.4	2661
60.0	630.3	603.9	574.6	571.4	579.0	598.5	623.4	628.8	50- 60	641.0	3302
70.0	406.2	383.0	353.4	349.3	354.8	370.9	393.7	400.1	60- 70	483.2	3785
80.0	194.4	174.1	153.4	148.8	144.7	156.4	176.6	182.1	70- 80	281.8	4067
90.0	37.26	30.94	22.03	20.25	14.58	14.05	25.51	28.02	80- 90	97.42	4165
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:06-06-2025

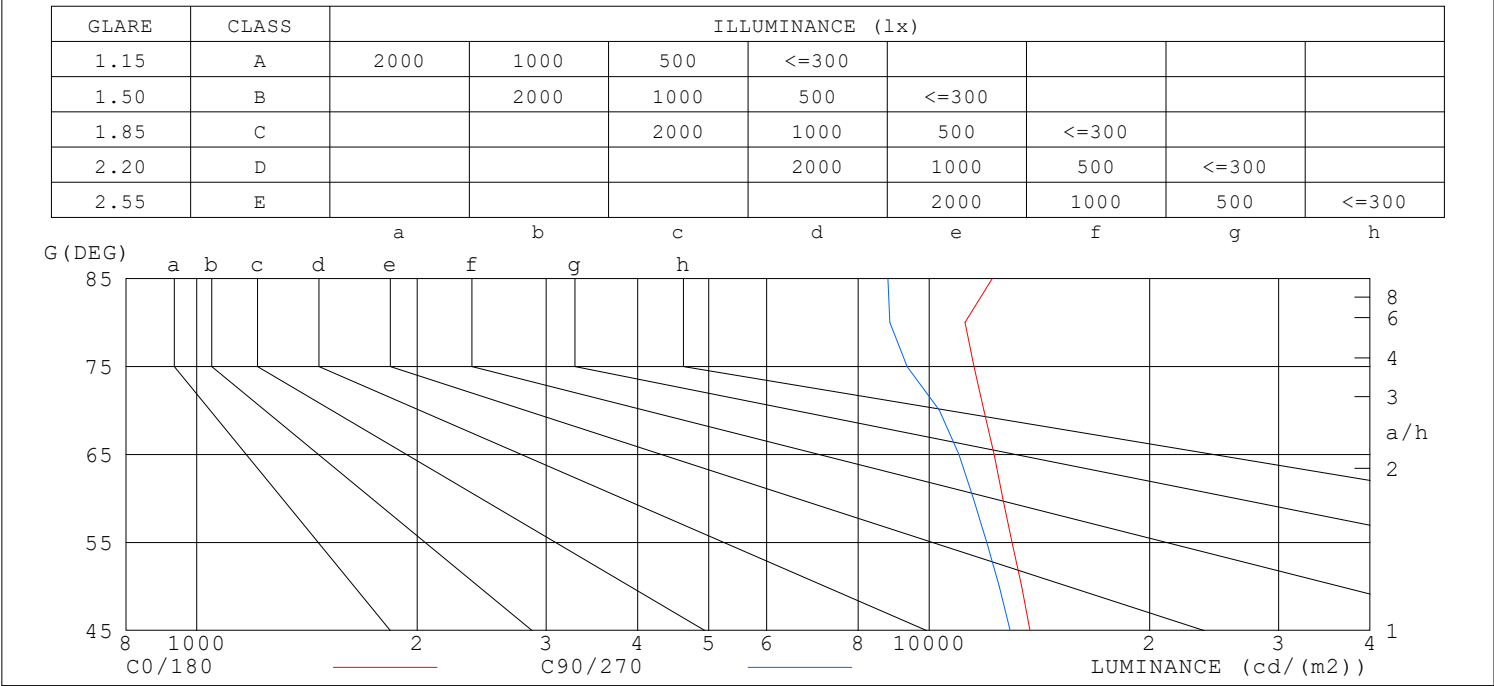
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-46 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	12193	8783
80	11200	8835
75	11511	9332
70	11879	10333
65	12270	10982
60	12607	11494
55	12985	11988
50	13374	12470
45	13734	12905

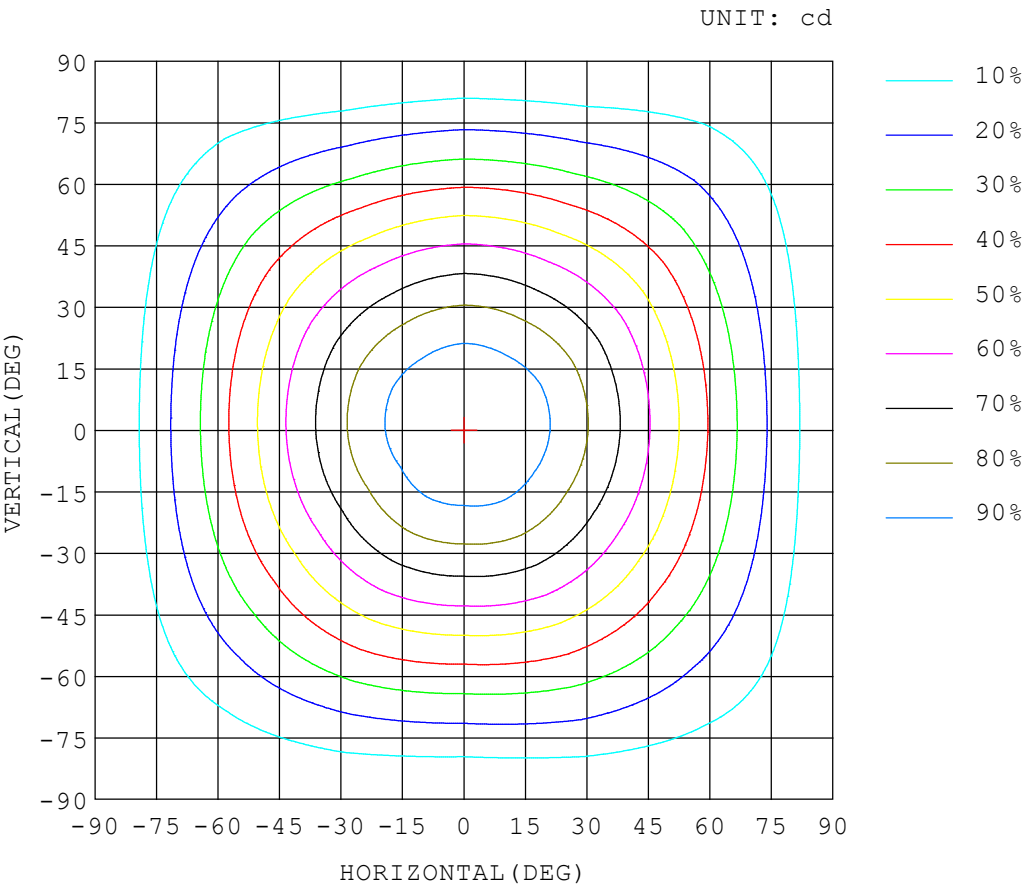
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-46 MM	SERIAL No.:



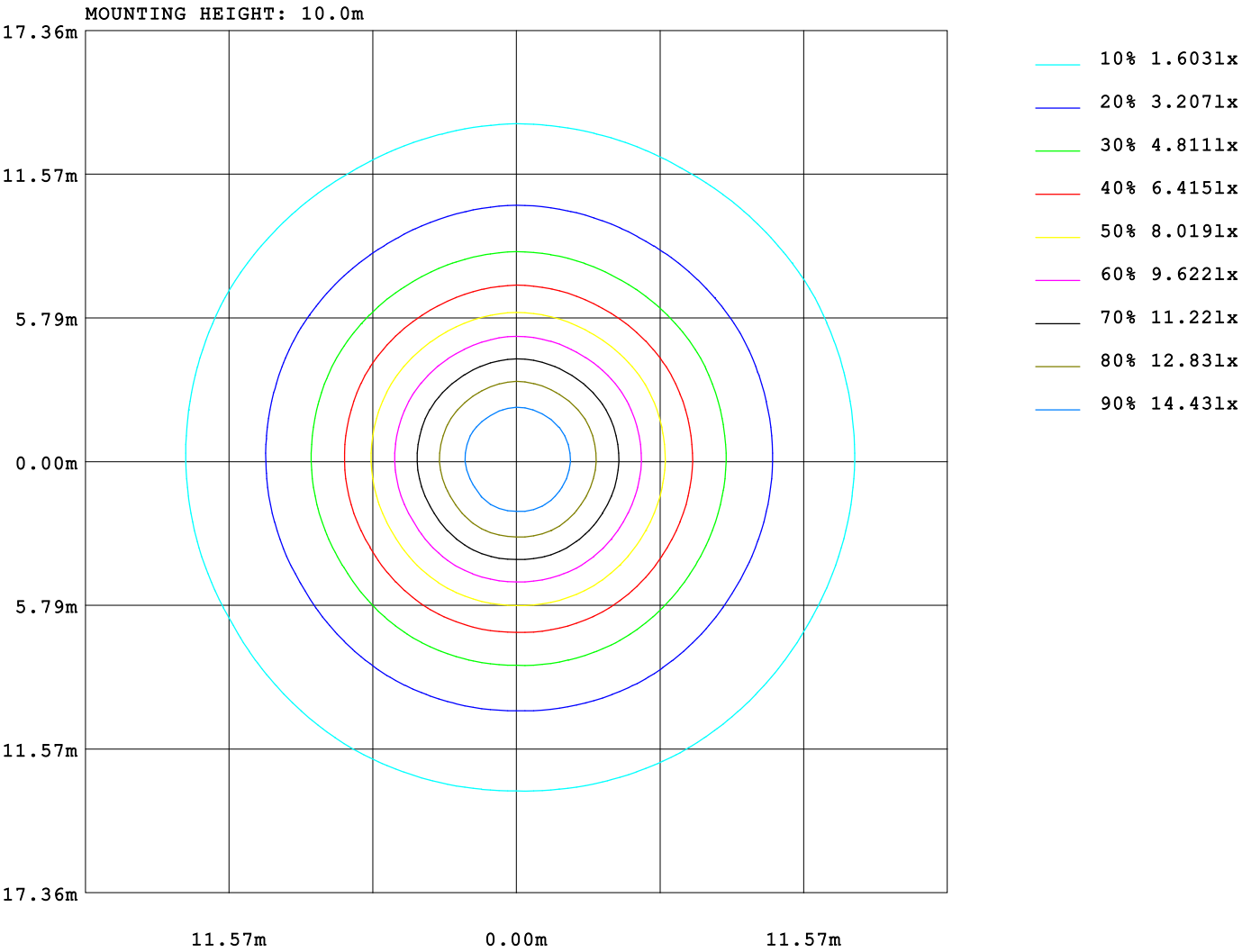
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-46 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K



AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: VIRAJ 45 HEXAGON										TYPE: 5700K CRI-90					WEIGHT:					
SPECIFICATION:										DIMENSION: D-600 H-70 W-46 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a			
	0.06	0.25	0.55	0.91	1.24	1.56	1.95	2.42	2.79	2.86	2.63	2.26	1.94	1.65	1.28	0.85	0.43	0.12	25.7	0.95						
90																										
80	0.09	0.49	1.28	2.40	3.61	4.89	6.24	7.53	8.39	8.49	7.82	6.69	5.47	4.23	2.93	1.69	0.73	0.16	73.2	62.0						
70	0.12	0.77	2.13	4.08	6.61	9.26	11.6	13.8	15.1	15.2	14.1	12.2	9.91	7.40	4.91	2.65	1.05	0.20	131	129						
60	0.15	1.05	3.00	6.18	9.92	13.7	17.2	20.2	22.1	22.2	20.6	17.8	14.4	10.6	6.93	3.67	1.38	0.24	192	190						
50	0.18	1.33	3.96	8.08	12.9	18.0	22.7	26.6	29.0	29.1	27.0	23.3	18.7	13.7	8.79	4.60	1.70	0.28	251	250						
40	0.21	1.57	4.81	9.66	15.6	21.9	27.9	32.6	35.6	35.7	33.1	28.5	22.7	16.4	10.4	5.42	1.98	0.31	305	304						
30	0.23	1.78	5.44	10.9	17.7	25.2	32.3	37.9	41.3	41.4	38.3	33.0	26.1	18.6	11.7	6.06	2.20	0.33	351	350						
	0.24	1.94	5.86	11.7	19.2	27.5	35.5	41.8	45.5	45.6	42.3	36.3	28.4	20.1	12.5	6.50	2.35	0.35	384	384						
	0.25	2.01	6.05	12.1	19.9	28.5	36.9	43.8	47.7	47.8	44.4	37.8	29.5	20.8	13.0	6.72	2.43	0.36	401	400						
	0.25	2.00	6.01	12.0	19.7	28.2	36.5	43.3	47.3	47.6	44.0	37.5	29.2	20.7	12.9	6.68	2.42	0.36	397	397						
	0.24	1.91	5.75	11.5	18.7	26.7	34.4	40.9	44.6	44.9	41.6	35.4	27.7	19.7	12.3	6.39	2.32	0.35	376	375						
-30	0.22	1.75	5.26	10.5	17.0	24.1	31.2	36.9	40.0	40.2	37.5	32.1	25.1	17.9	11.3	5.89	2.14	0.33	340	339						
-40	0.20	1.52	4.59	9.13	14.7	20.9	26.9	31.7	34.1	34.3	32.2	27.7	21.9	15.6	9.91	5.19	1.90	0.30	293	292						
-50	0.17	1.26	3.75	7.50	12.1	17.2	22.1	25.6	27.5	27.6	26.1	22.7	18.0	12.9	8.24	4.32	1.62	0.27	240	239						
-60	0.14	0.98	2.81	5.67	9.31	13.2	16.8	19.4	20.7	20.8	19.8	17.4	13.9	10.0	6.37	3.36	1.30	0.23	183	181						
-70	0.11	0.69	1.89	3.76	6.25	8.95	11.4	13.1	14.0	14.1	13.5	12.0	9.71	7.00	4.41	2.39	0.98	0.19	125	121						
-80	0.09	0.43	1.07	2.08	3.43	4.89	6.17	7.04	7.48	7.61	7.42	6.74	5.50	4.02	2.61	1.47	0.66	0.15	68.9	57.3						
-90	0.06	0.22	0.46	0.79	1.25	1.76	2.18	2.40	2.50	2.56	2.59	2.47	2.12	1.61	1.12	0.72	0.39	0.11	25.3	0.00						
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t	3.00	21.9	64.7	129	210	297	381	448	486	489	456	392	311	224	142	74.6	28.0	4.66	4165							
Φ a	0.00	15.4	59.3	124	204	292	376	442	481	484	450	388	306	219	137	69.8	22.9	0.81		4067						

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

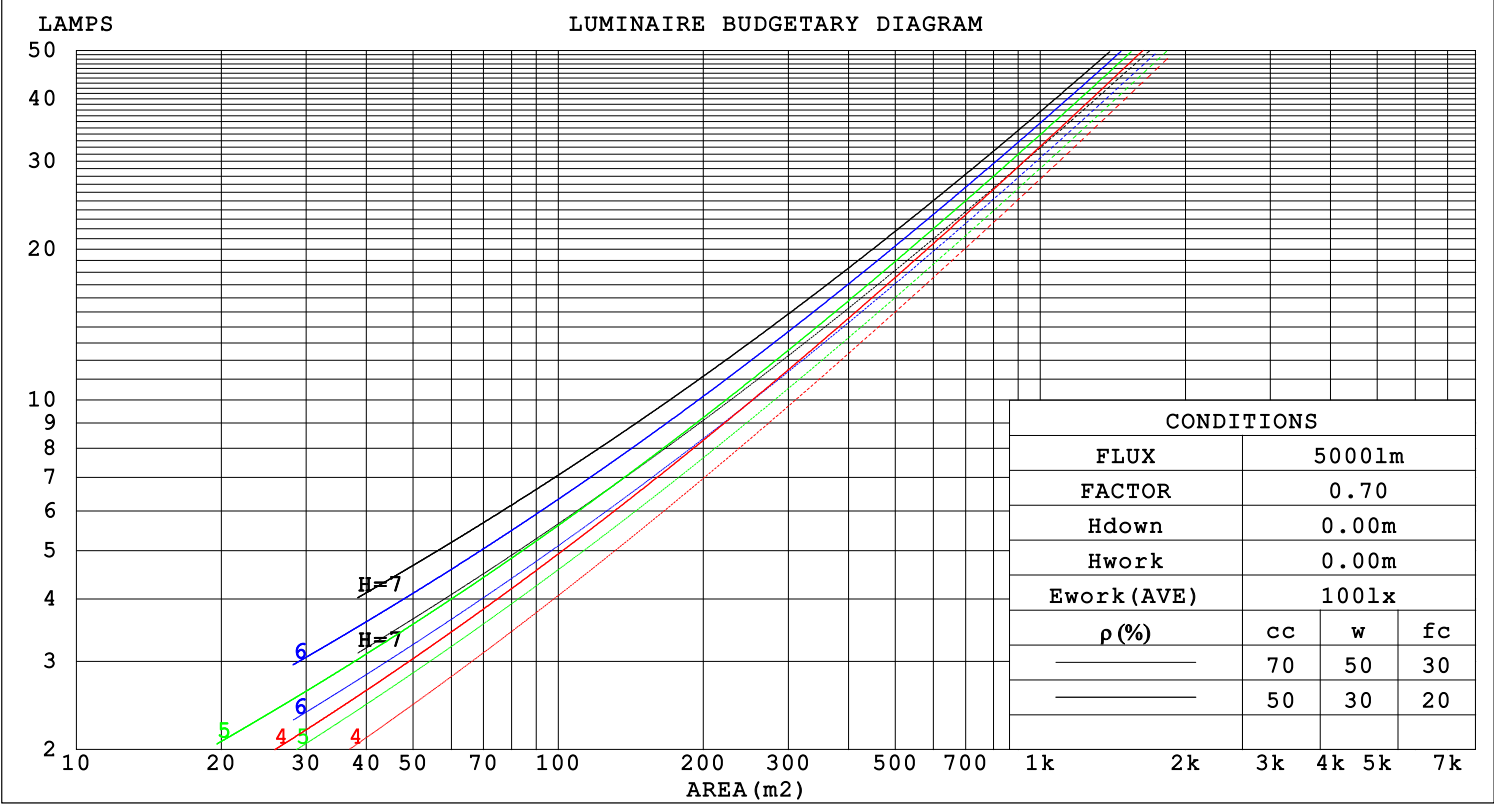
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: VIRAJ 45 HEXAGON								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION:								DIMENSION: D-600 H-70 W-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
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	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.75	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.63	.73	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.70	.61	.55	.67	.60	.54	.65	.59	.54	.63	.57	.53	.51
5.0	.63	.55	.48	.62	.54	.48	.60	.53	.47	.58	.52	.47	.56	.51	.46	.44
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.50	.42	.37	.48	.41	.36	.47	.41	.36	.34
8.0	.48	.39	.33	.47	.39	.33	.46	.38	.33	.44	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.28
10.0	.40	.32	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: VIRAJ 45 HEXAGON								TYPE: 5700K CRI-90				WEIGHT:		
SPECIFICATION:								DIMENSION: D-600 H-70 W-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	.310	.176	.056	.302	.173	.055	.289	.166	.053	.277	.160	.051	.266	.154	.050	
2.0	.289	.158	.049	.283	.156	.048	.271	.151	.047	.261	.146	.046	.251	.142	.045	
3.0	.267	.142	.043	.262	.140	.042	.251	.136	.041	.242	.132	.041	.233	.129	.040	
4.0	.246	.128	.038	.241	.126	.037	.232	.123	.037	.224	.120	.036	.216	.117	.036	
5.0	.228	.116	.034	.223	.115	.033	.215	.112	.033	.208	.110	.033	.201	.107	.032	
6.0	.211	.106	.030	.207	.105	.030	.200	.103	.030	.193	.100	.030	.187	.098	.029	
7.0	.197	.097	.028	.193	.096	.027	.187	.094	.027	.181	.093	.027	.175	.091	.027	
8.0	.184	.090	.025	.181	.089	.025	.175	.087	.025	.169	.086	.025	.164	.084	.025	
9.0	.172	.083	.023	.170	.083	.023	.164	.081	.023	.159	.080	.023	.155	.079	.023	
10.0	.162	.078	.022	.160	.077	.021	.155	.076	.021	.150	.075	.021	.146	.074	.021	

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	.180	.156	.134	.154	.134	.116	.106	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.172	.132	.098	.147	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.141	.099	.065	.096	.068	.045	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.090	.048	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.034	.116	.065	.029	.080	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: VIRAJ 45 HEXAGON					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION:					DIMENSION: D-600 H-70 W-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	21.6	23.1	21.9	23.3	23.5	21.4	22.9	21.7	23.1	23.3
	3H	23.2	24.6	23.5	24.8	25.0	22.8	24.2	23.1	24.4	24.7
	4H	23.8	25.2	24.2	25.4	25.7	23.4	24.7	23.7	24.9	25.2
	6H	24.4	25.6	24.7	25.9	26.2	23.8	25.0	24.1	25.3	25.6
	8H	24.5	25.7	24.9	26.0	26.3	23.9	25.1	24.2	25.4	25.7
	12H	24.7	25.9	25.1	26.2	26.5	24.0	25.1	24.3	25.4	25.7
4H	2H	22.2	23.5	22.5	23.8	24.0	22.0	23.4	22.3	23.6	23.9
	3H	23.9	25.1	24.3	25.4	25.7	23.7	24.8	24.0	25.1	25.4
	4H	24.7	25.8	25.1	26.1	26.4	24.4	25.4	24.7	25.7	26.1
	6H	25.3	26.3	25.7	26.6	27.0	24.9	25.8	25.3	26.2	26.5
	8H	25.6	26.5	26.0	26.8	27.2	25.1	25.9	25.5	26.3	26.7
	12H	25.8	26.6	26.2	27.0	27.4	25.2	26.0	25.6	26.4	26.8
8H	4H	24.9	25.8	25.4	26.2	26.6	24.6	25.5	25.1	25.9	26.3
	6H	25.7	26.5	26.2	26.9	27.3	25.3	26.1	25.8	26.5	26.9
	8H	26.1	26.7	26.5	27.1	27.6	25.6	26.3	26.1	26.7	27.2
	12H	26.4	26.9	26.9	27.4	27.9	25.9	26.4	26.3	26.9	27.3
12H	4H	25.0	25.8	25.4	26.2	26.6	24.7	25.5	25.1	25.9	26.3
	6H	25.8	26.4	26.3	26.9	27.3	25.4	26.1	25.9	26.5	26.9
	8H	26.2	26.7	26.7	27.2	27.7	25.8	26.3	26.2	26.8	27.2
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H		+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 4165 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-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) $k(RI) \times RCR = 5$									
$k = 0.60$	59	47	40	58	47	40	57	46	40	34
0.80	69	57	50	68	57	50	66	56	49	42
1.00	77	66	59	76	65	58	73	67	58	51
1.25	84	73	66	82	73	66	80	71	65	58
1.50	89	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	91	85	97	90	85	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

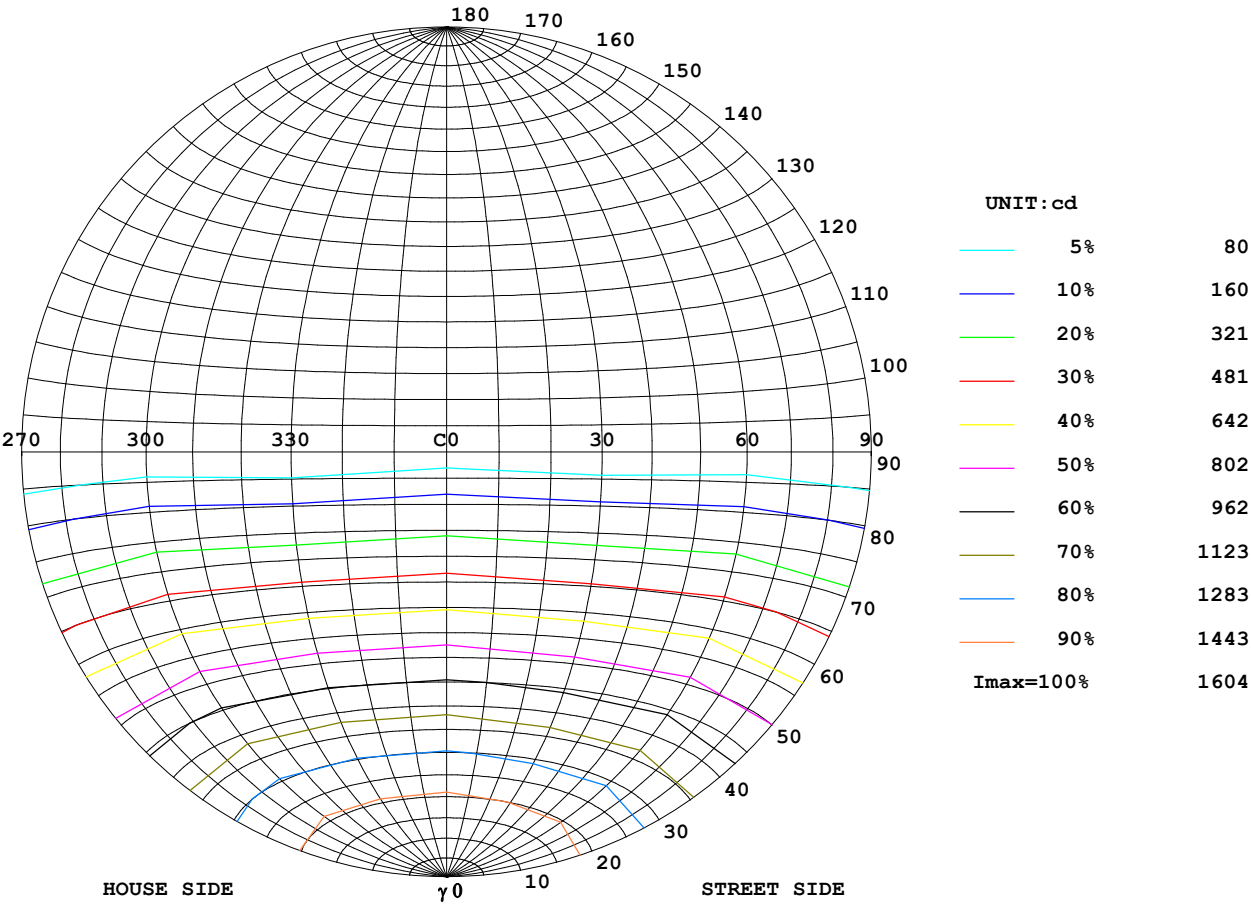
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-46 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

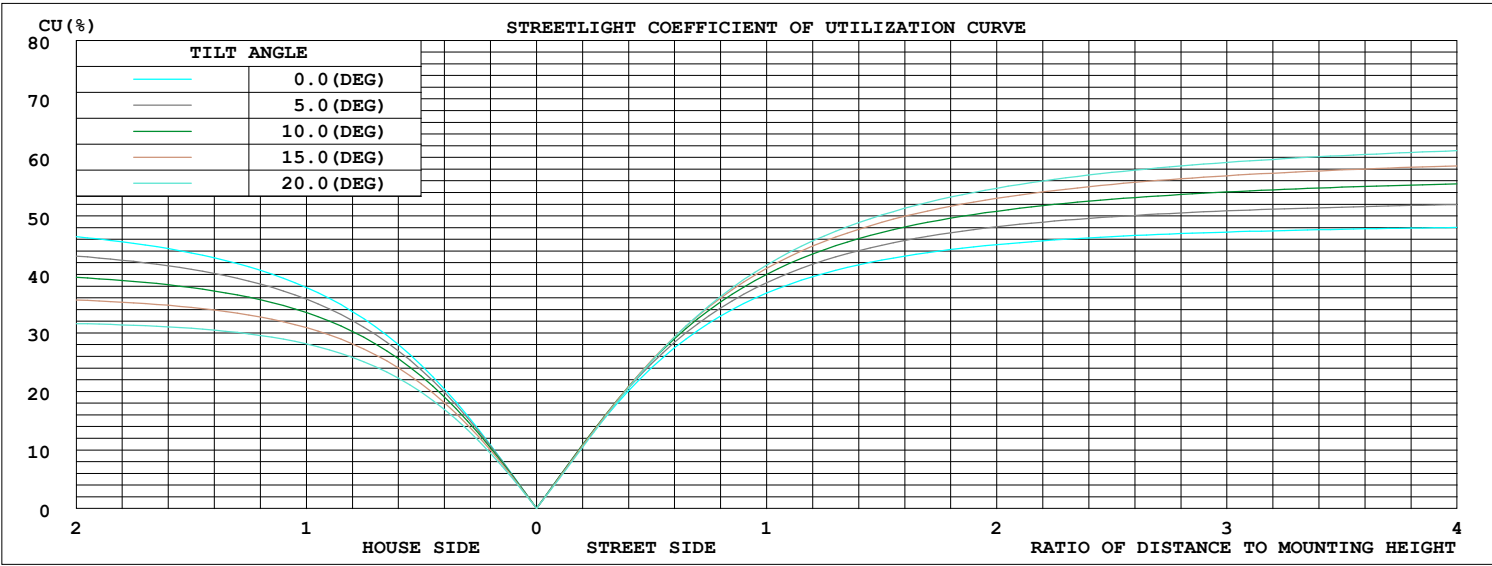
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-46 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 16.04 lx



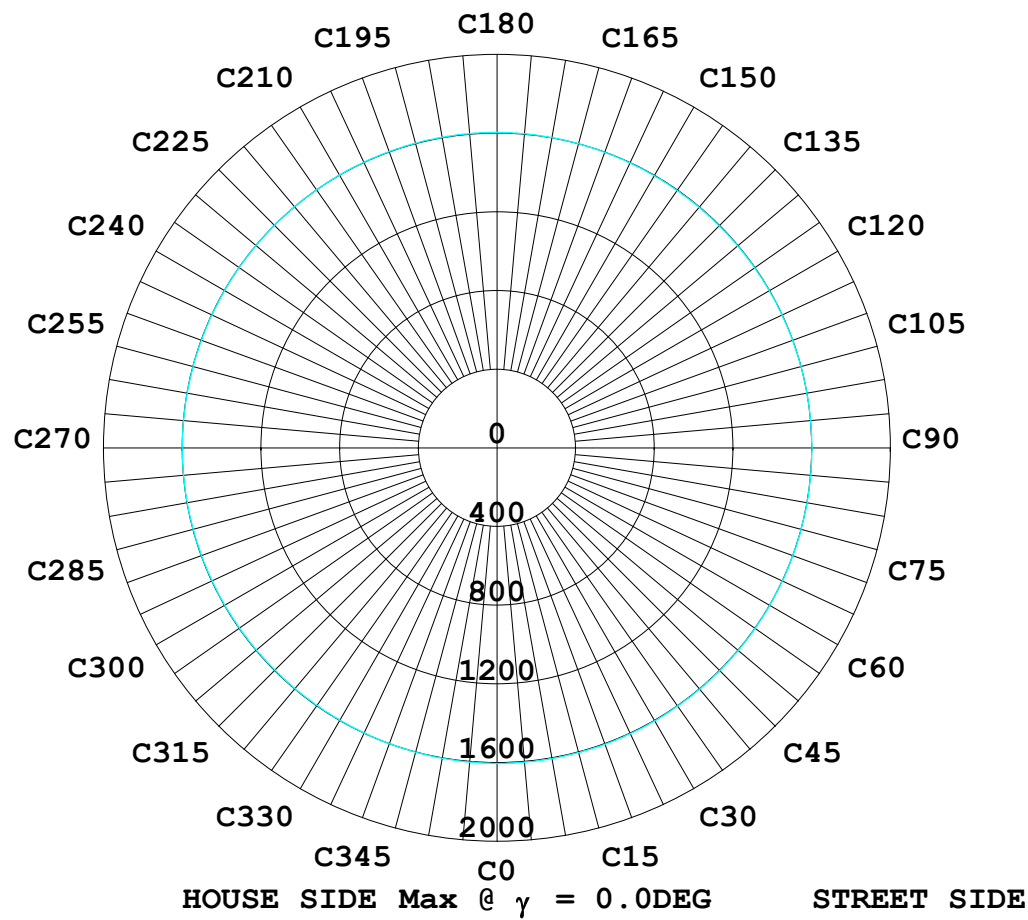
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-46 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 45 HEXAGON	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-70 W-46 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1604	1602	1600	1600	1599	1598	1604	1602	1600	1600	1599	1598
5.0	1598	1591	1589	1584	1584	1579	1590	1593	1592	1595	1594	1596
10.0	1569	1560	1556	1546	1548	1541	1554	1563	1562	1570	1569	1571
15.0	1522	1509	1506	1490	1492	1484	1503	1513	1514	1525	1523	1530
20.0	1460	1442	1438	1420	1424	1412	1432	1446	1446	1462	1457	1469
25.0	1382	1360	1355	1336	1339	1324	1349	1366	1367	1384	1380	1392
30.0	1289	1264	1263	1238	1242	1228	1253	1273	1274	1293	1288	1303
35.0	1191	1165	1161	1136	1142	1124	1147	1169	1169	1191	1186	1202
40.0	1082	1056	1054	1026	1032	1014	1039	1063	1061	1084	1079	1098
45.0	971	944	942	913	920	901	925	950	946	972	965	987
50.0	860	832	831	802	810	788	809	833	828	856	848	871
55.0	745	716	718	688	696	674	696	720	713	741	733	759
60.0	630	602	606	575	583	560	579	603	594	623	615	643
65.0	519	491	495	464	471	449	464	487	477	506	498	527
70.0	406	381	385	353	358	340	355	377	365	394	385	415
75.0	298	268	278	242	247	230	241	246	249	283	268	305
80.0	194	173	175	153	161	137	145	164	149	177	167	197
85.0	106	88.3	95.0	76.5	81.6	61.8	66.0	80.1	68.4	91.2	82.7	108
90.0	37.2	28.7	33.1	22.0	23.7	16.7	14.5	17.2	10.8	25.5	21.1	34.9

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K