

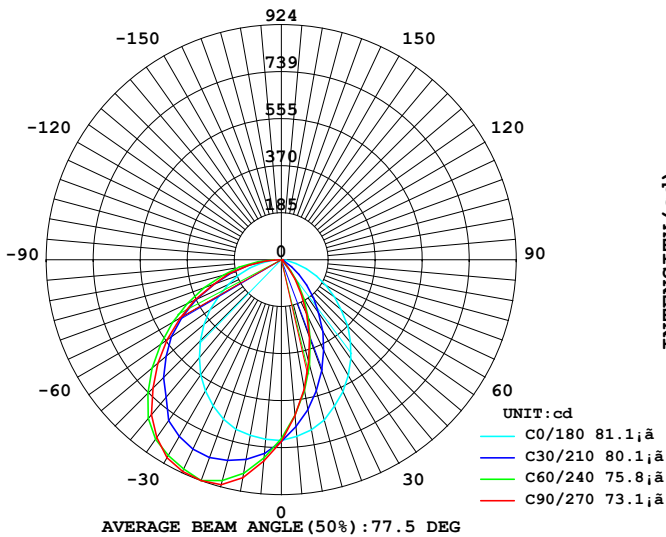
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

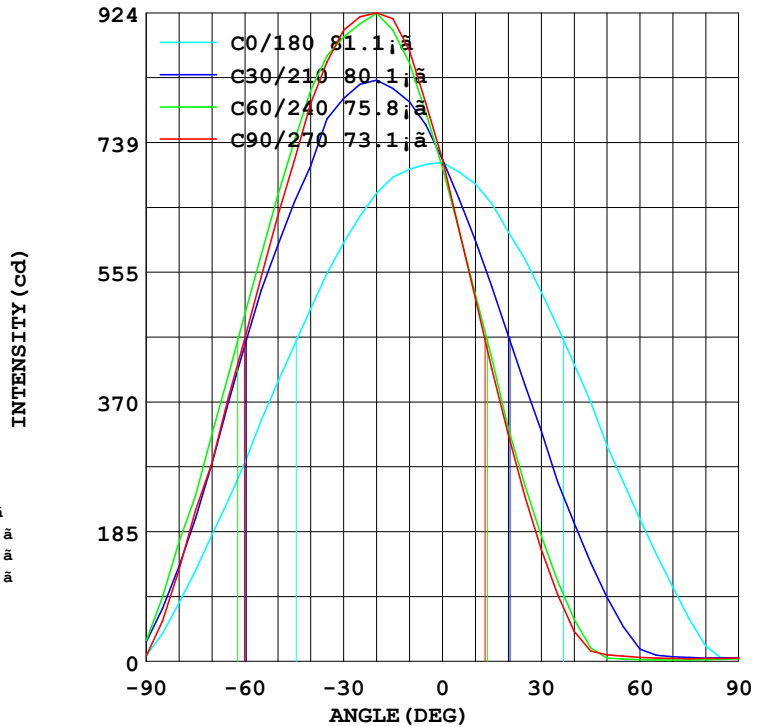
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

DATA OF LAMP		Imax (cd)	924.2	S/MH (C0/180)	1.24
MODEL	VIRAJ-45 WALL	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.65
NOMINAL POWER (W)	20	TOTAL FLUX (lm)	1675.9	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	87.1	Current (A)	0.094
NOMINAL FLUX (lm)	1676.0	η up (%)	0.0	Power (W)	19.25
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.993
TEST VOLTAGE (V)	219.5	Effective Flux (lm)	1625.9	EEL	0.161

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-12-2023

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

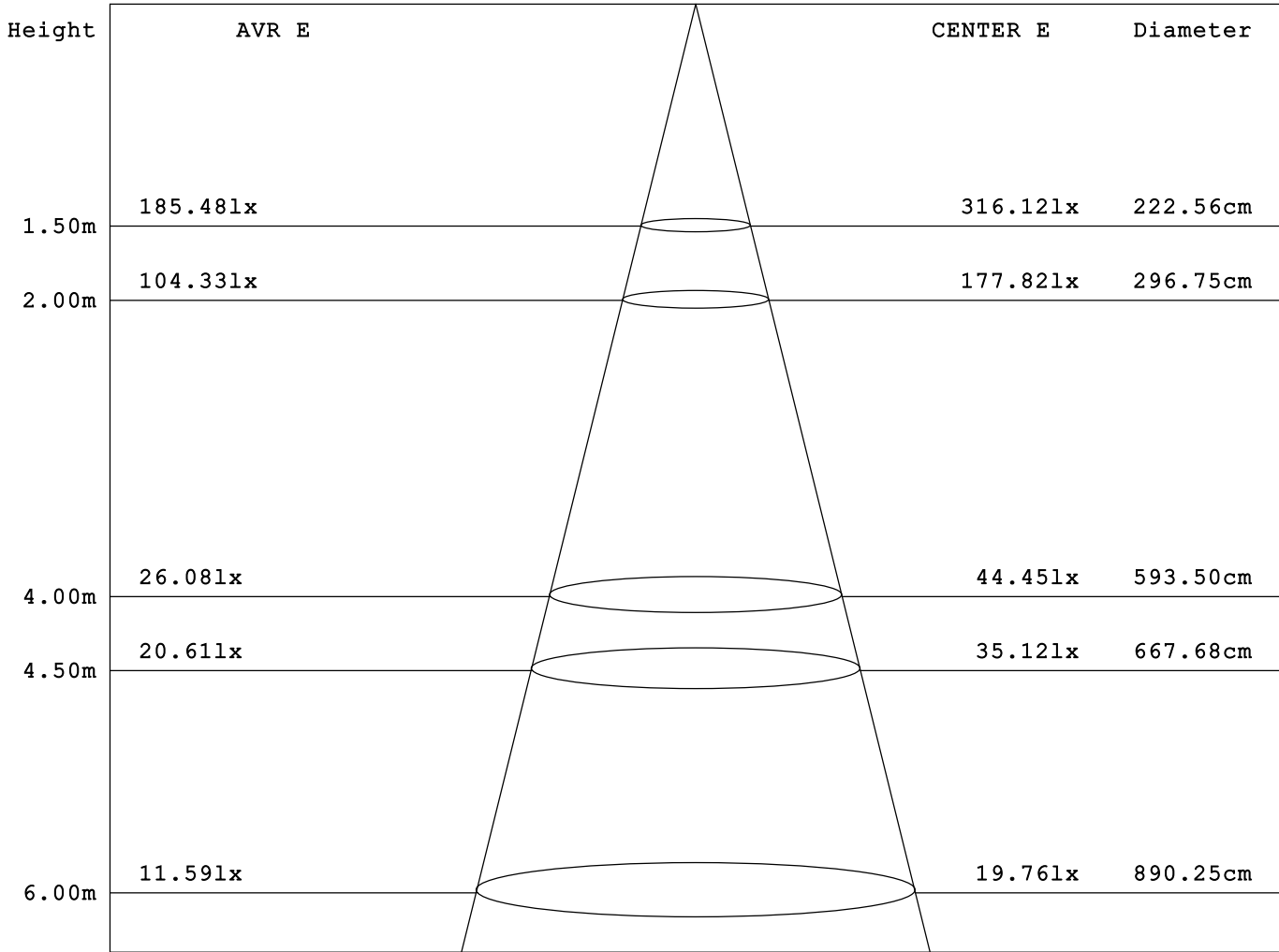
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:



Angle:73.1deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	701.6	824.7	870.2	781.6	680.4	562.6	518.5	558.9	0- 10	66.27	66.27
20.0	667.2	876.0	924.2	811.4	612.4	399.1	324.2	408.5	10- 20	186.1	252.4
30.0	596.5	846.0	899.5	764.6	526.8	254.4	160.4	274.3	20- 30	269.0	521.4
40.0	502.5	760.0	795.1	666.9	423.8	128.9	43.13	152.5	30- 40	304.3	825.8
50.0	397.6	628.0	634.2	528.5	307.5	48.14	9.476	66.19	40- 50	291.1	1117
60.0	282.8	472.4	459.9	365.9	202.5	10.01	5.866	22.56	50- 60	246.0	1363
70.0	179.6	302.0	281.8	207.8	105.6	4.286	4.332	5.054	60- 70	177.2	1540
80.0	82.66	152.0	129.6	79.69	21.47	3.700	4.151	3.564	70- 80	101.6	1642
90.0	7.761	28.65	7.671	4.557	5.234	4.467	4.693	3.835	80- 90	34.12	1676
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:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

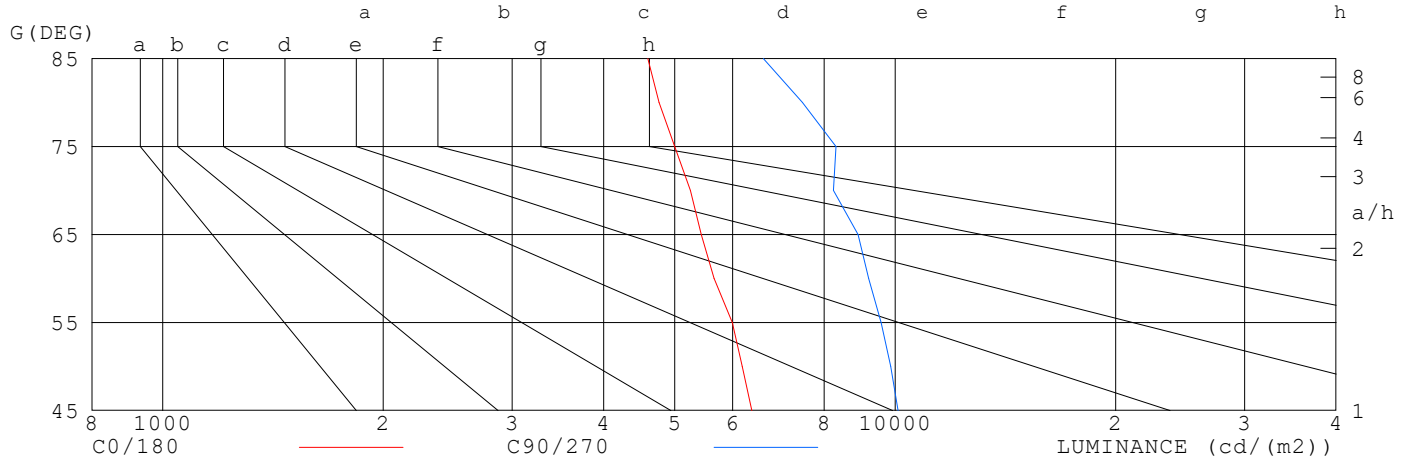
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	4598	6607
80	4761	7469
75	5000	8303
70	5254	8241
65	5439	8905
60	5657	9198
55	5995	9567
50	6186	9868
45	6371	10096

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

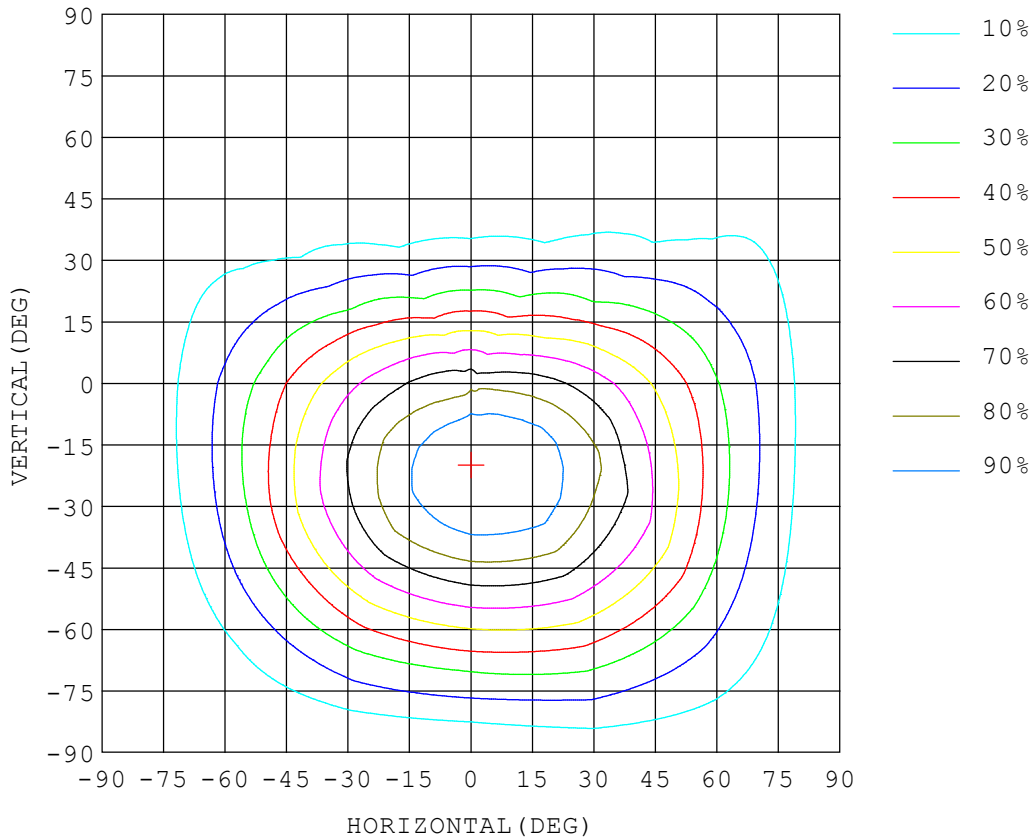
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

UNIT: cd



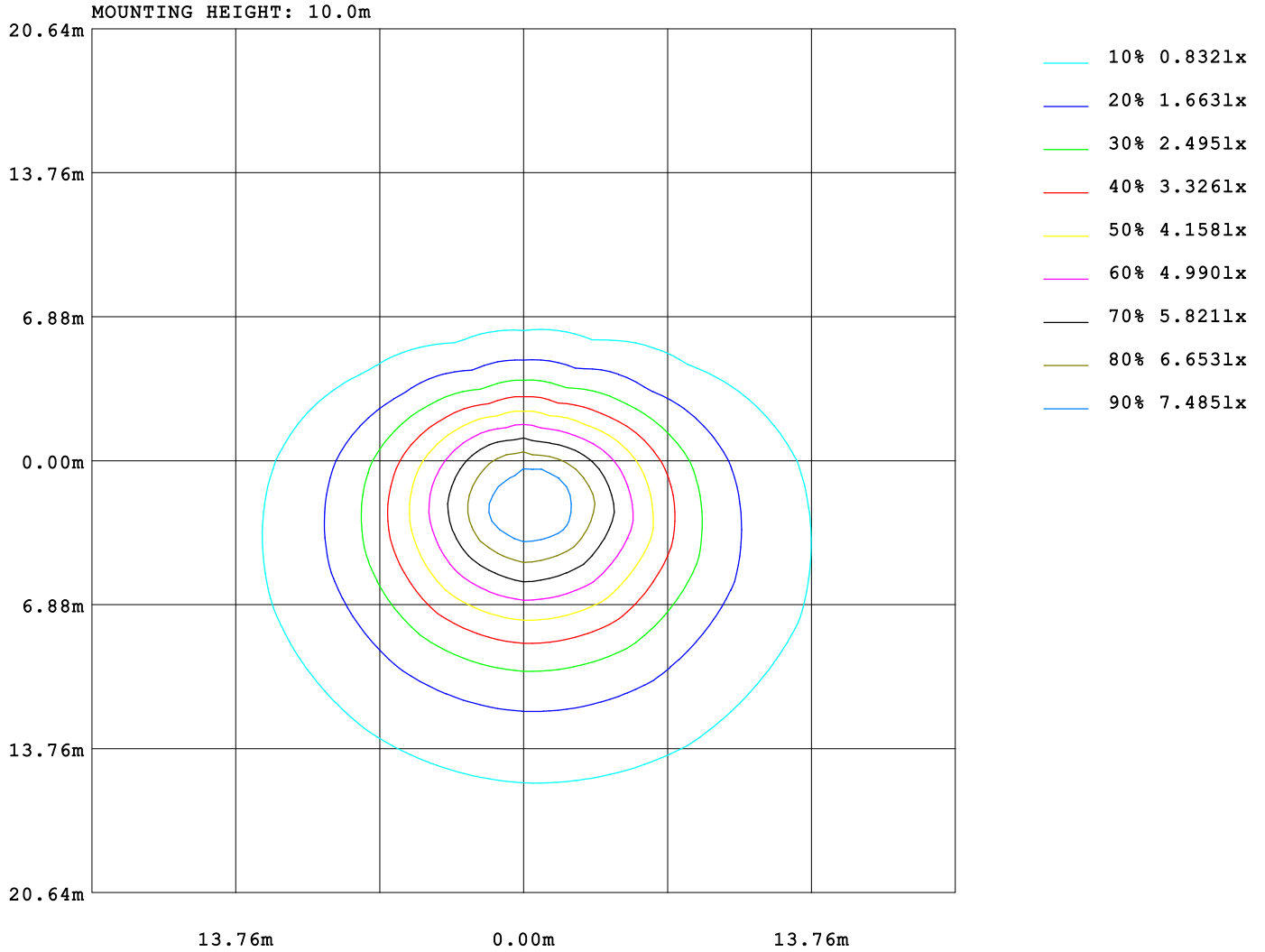
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90		
90	0.01	0.04	0.06	0.08	0.09	0.09	0.09	0.11	0.12	0.12	0.10	0.08	0.07	0.08	0.07	0.09	0.08	0.03	1.42	0.00	
80	0.01	0.04	0.07	0.08	0.08	0.07	0.07	0.09	0.11	0.11	0.09	0.06	0.07	0.08	0.08	0.17	0.15	0.04	1.47	0.00	
70	0.01	0.06	0.12	0.10	0.09	0.08	0.06	0.10	0.13	0.14	0.10	0.07	0.09	0.11	0.12	0.30	0.23	0.06	1.96	0.00	
60	0.01	0.10	0.24	0.17	0.14	0.17	0.11	0.14	0.20	0.21	0.15	0.15	0.32	0.24	0.25	0.50	0.34	0.07	3.50	0.00	
50	0.02	0.16	0.45	0.42	0.39	0.70	0.49	0.46	0.63	0.68	0.59	0.68	1.09	0.79	0.69	0.81	0.46	0.09	9.59	0.00	
40	0.02	0.24	0.73	1.04	1.31	2.02	2.30	2.46	2.99	3.10	2.76	2.80	2.66	2.01	1.63	1.21	0.60	0.10	30.0	16.4	
30	0.02	0.33	1.08	1.97	3.06	4.29	5.59	6.24	7.12	7.23	6.59	6.22	5.16	4.06	2.86	1.71	0.74	0.12	64.4	62.7	
20	0.03	0.42	1.47	3.02	5.11	7.39	9.65	11.3	12.3	12.4	11.6	10.4	8.55	6.41	4.18	2.25	0.89	0.13	108	107	
10	0.03	0.49	1.84	4.03	7.06	10.4	13.8	16.7	18.3	18.2	17.3	15.2	12.1	8.67	5.43	2.77	1.01	0.14	154	153	
0	0.03	0.54	2.08	4.75	8.48	12.8	17.1	20.7	23.0	23.9	22.4	19.1	14.9	10.3	6.34	3.12	1.08	0.15	191	191	
-10	0.03	0.54	2.15	5.07	9.21	14.1	19.2	23.5	26.5	27.3	25.4	21.8	16.6	11.3	6.81	3.28	1.10	0.15	214	214	
-20	0.03	0.50	2.08	5.01	9.33	14.3	19.5	24.1	26.9	27.5	25.9	22.1	17.0	11.7	6.92	3.26	1.07	0.14	218	217	
-30	0.02	0.43	1.86	4.57	8.70	13.4	18.3	22.6	25.1	25.7	24.3	20.7	16.0	11.3	6.61	3.07	1.00	0.13	204	203	
-40	0.02	0.34	1.51	3.81	7.24	11.4	15.6	19.0	21.1	21.6	20.6	17.9	13.9	9.86	5.86	2.70	0.89	0.12	174	173	
-50	0.01	0.23	1.08	2.82	5.47	8.71	12.0	14.5	16.2	16.6	15.9	14.1	11.1	7.80	4.69	2.21	0.74	0.10	135	133	
-60	0.01	0.13	0.66	1.78	3.59	5.82	8.09	9.83	11.0	11.4	11.0	9.96	7.89	5.51	3.38	1.65	0.57	0.08	92.5	90.6	
-70	0.01	0.05	0.26	0.84	1.85	3.17	4.47	5.46	6.17	6.50	6.40	5.91	4.80	3.41	2.13	1.08	0.39	0.06	53.0	49.3	
-80	0.01	0.04	0.07	0.18	0.46	0.86	1.26	1.58	1.83	2.06	2.26	2.30	1.99	1.47	1.00	0.56	0.23	0.04	18.2	6.44	
-90																					
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90		
Φ t	0.35	4.66	17.8	39.7	71.7	110	148	179	200	205	194	170	135	95.3	59.1	30.8	11.5	1.76	1676		
Φ a	0.00	0.57	13.4	36.1	68.3	107	145	176	197	202	191	167	131	92.2	56.1	27.1	7.51	0.00		1626	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

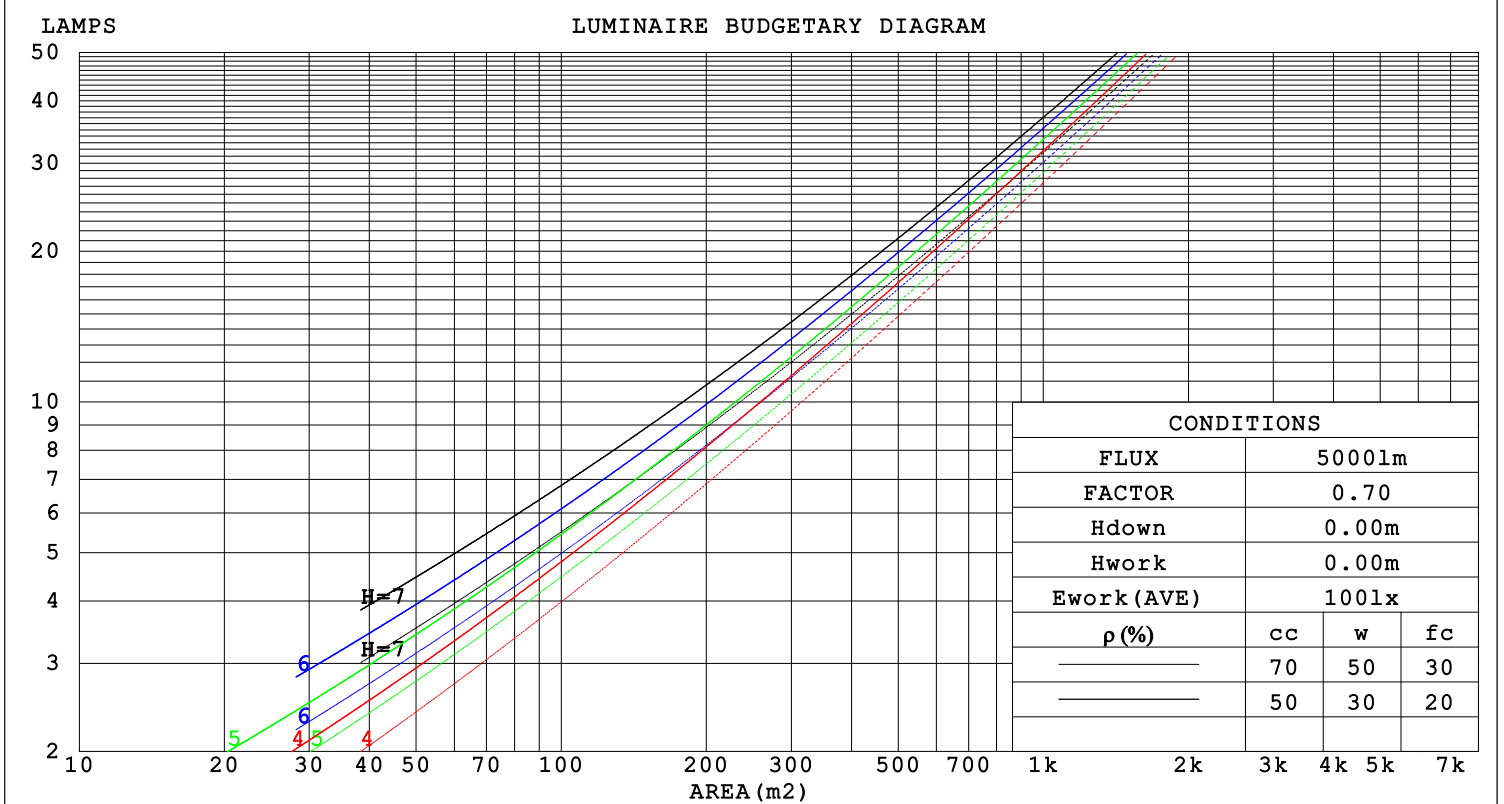
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.92	.89	.90	.88	.87	.84
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.79	.75	.80	.76	.73	.71
3.0	.81	.73	.67	.79	.72	.66	.77	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.64	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.64	.59	.55	.52
5.0	.65	.56	.50	.64	.56	.49	.62	.54	.49	.60	.53	.48	.58	.52	.48	.46
6.0	.59	.50	.44	.58	.49	.44	.56	.49	.43	.54	.48	.43	.53	.47	.42	.40
7.0	.53	.45	.39	.53	.44	.39	.51	.44	.38	.50	.43	.38	.48	.42	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.46	.39	.34	.45	.39	.34	.32
9.0	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.38	.33	.28	.27



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005														
NAME: VIRAJ-45 WALL WASHER										TYPE: .5W 4K CRI90			WEIGHT:	
SPECIFICATION:										DIMENSION: 1200*45*70			SERIAL No.:	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.298	.170	.054	.291	.166	.053	.278	.159	.051	.266	.153	.049	.255	.148	.048	
2.0	.280	.153	.047	.274	.151	.046	.262	.146	.045	.251	.141	.044	.241	.137	.043	
3.0	.259	.138	.041	.254	.136	.041	.244	.132	.040	.234	.128	.039	.225	.125	.039	
4.0	.240	.125	.037	.235	.123	.036	.226	.120	.036	.218	.117	.035	.210	.114	.035	
5.0	.222	.113	.033	.218	.112	.033	.210	.109	.032	.202	.107	.032	.196	.104	.031	
6.0	.207	.104	.030	.203	.102	.029	.196	.100	.029	.189	.098	.029	.183	.096	.029	
7.0	.193	.095	.027	.189	.094	.027	.183	.093	.027	.177	.091	.026	.171	.089	.026	
8.0	.180	.088	.025	.177	.087	.025	.172	.086	.024	.166	.084	.024	.161	.083	.024	
9.0	.169	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.022	.152	.077	.022	
10.0	.159	.076	.021	.157	.076	.021	.152	.075	.021	.148	.074	.021	.144	.072	.021	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.135	.154	.134	.116	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.146	.114	.086	.100	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.162	.114	.076	.139	.099	.066	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.060	.133	.087	.052	.091	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.147	.090	.048	.126	.078	.042	.087	.055	.030	.050	.032	.018	.016	.010	.006	
6.0	.140	.082	.040	.120	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.133	.075	.034	.114	.065	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
8.0	.127	.069	.029	.109	.060	.026	.075	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.104	.056	.022	.072	.039	.016	.042	.023	.010	.014	.008	.003	
10.0	.115	.060	.023	.099	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	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	21.5	23.0	21.8	23.2	23.4	23.0	24.5	23.3	24.7	24.9
	3H	22.7	24.1	23.0	24.3	24.6	24.5	25.8	24.8	26.1	26.3
	4H	23.2	24.5	23.5	24.8	25.0	25.2	26.4	25.5	26.7	26.9
	6H	23.6	24.8	23.9	25.1	25.3	25.6	26.8	26.0	27.1	27.4
	8H	23.7	24.9	24.0	25.1	25.4	25.7	26.9	26.1	27.2	27.5
	12H	23.8	24.9	24.1	25.2	25.5	25.8	27.0	26.2	27.2	27.6
4H	2H	22.5	23.8	22.8	24.1	24.3	23.6	24.9	23.9	25.1	25.4
	3H	24.0	25.1	24.4	25.4	25.7	25.3	26.5	25.7	26.8	27.1
	4H	24.6	25.7	25.0	26.0	26.3	26.2	27.2	26.5	27.5	27.8
	6H	25.1	26.0	25.5	26.4	26.7	26.8	27.7	27.2	28.1	28.4
	8H	25.3	26.1	25.7	26.5	26.9	27.0	27.9	27.4	28.2	28.6
	12H	25.4	26.2	25.8	26.6	27.0	27.1	27.9	27.6	28.3	28.7
8H	4H	25.2	26.0	25.6	26.4	26.8	26.5	27.3	26.9	27.7	28.1
	6H	25.9	26.6	26.3	27.0	27.4	27.3	28.0	27.8	28.5	28.9
	8H	26.1	26.8	26.6	27.2	27.6	27.7	28.3	28.1	28.7	29.2
	12H	26.3	26.9	26.8	27.3	27.8	27.9	28.4	28.4	28.9	29.4
12H	4H	25.2	26.0	25.7	26.4	26.8	26.5	27.3	26.9	27.7	28.1
	6H	26.0	26.6	26.5	27.1	27.5	27.4	28.0	27.9	28.5	28.9
	8H	26.4	26.9	26.8	27.4	27.8	27.8	28.3	28.3	28.8	29.3

Variations with the observer position at spacings:		
S = 1.0H	+ 0.2 / - 0.2	+ 0.1 / - 0.2
1.5H	+ 0.4 / - 0.6	+ 0.2 / - 0.3
2.0H	+ 0.5 / - 0.8	+ 0.2 / - 0.3

CIE Pub.117 Corrected 1676 lm Total Lamp Luminous Flux. (8log(F/F0) = 1.8)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	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	60	49	42	60	49	42	58	48	42	36
0.80	70	59	52	69	59	52	67	58	51	45
1.00	78	68	61	77	67	61	75	68	60	53
1.25	85	75	68	84	74	68	81	73	67	60
1.50	90	81	74	88	80	73	85	78	72	65
2.00	96	88	82	95	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	91	101	95	90	97	92	88	80
4.00	107	101	97	105	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

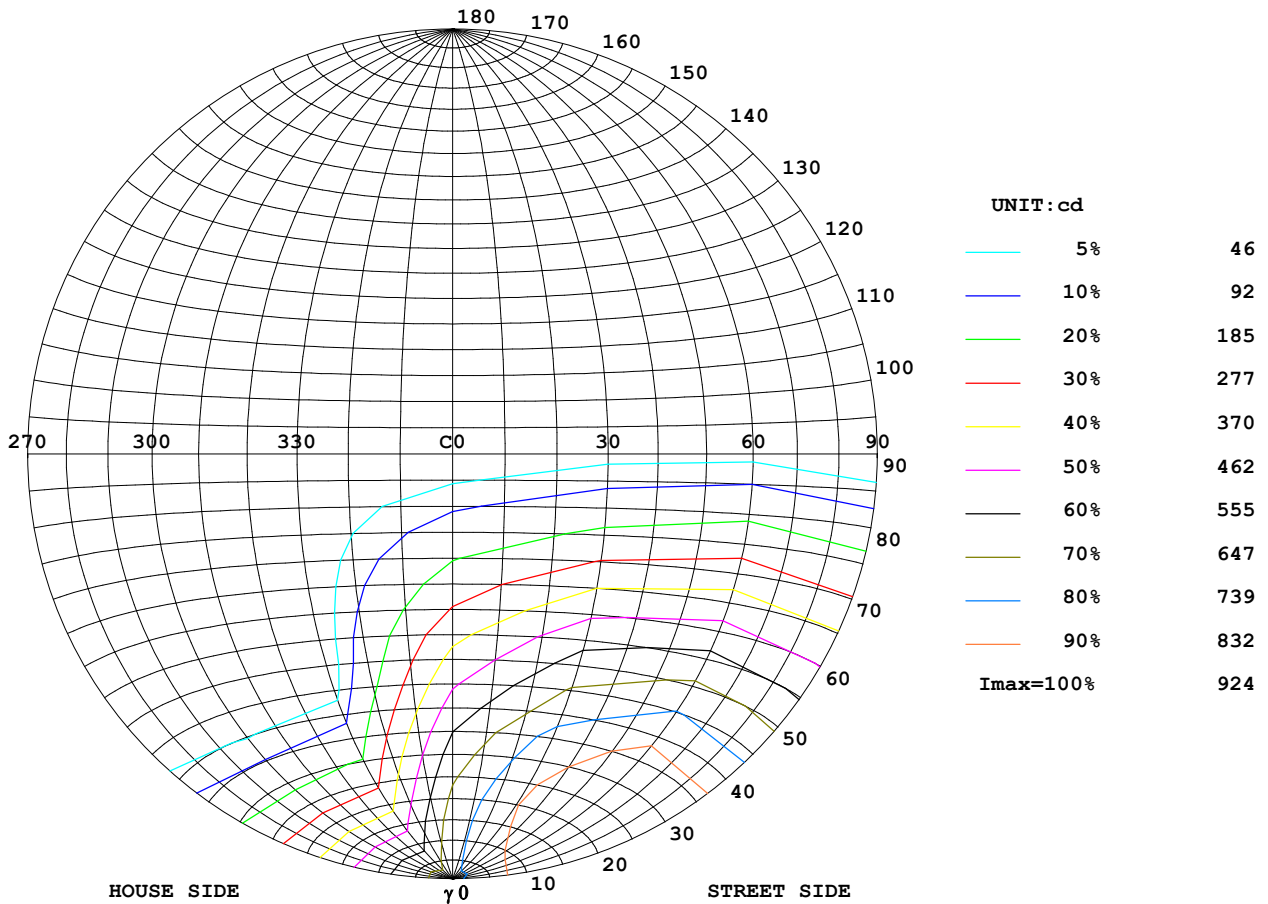
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

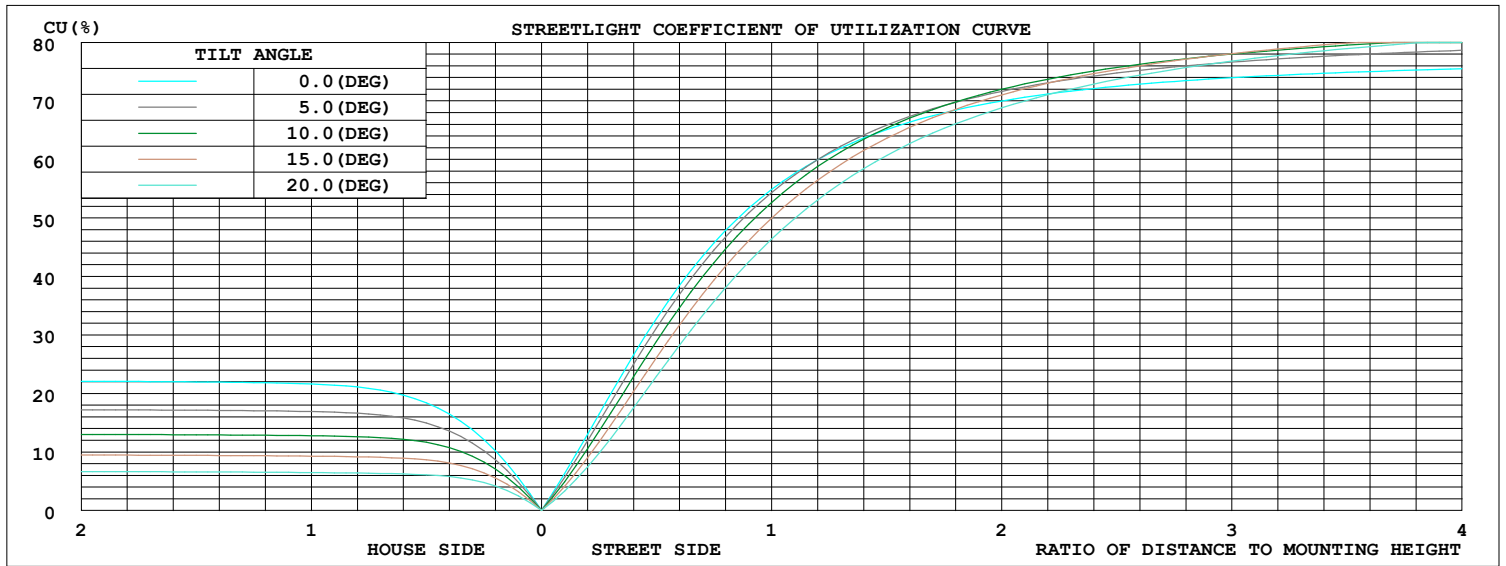
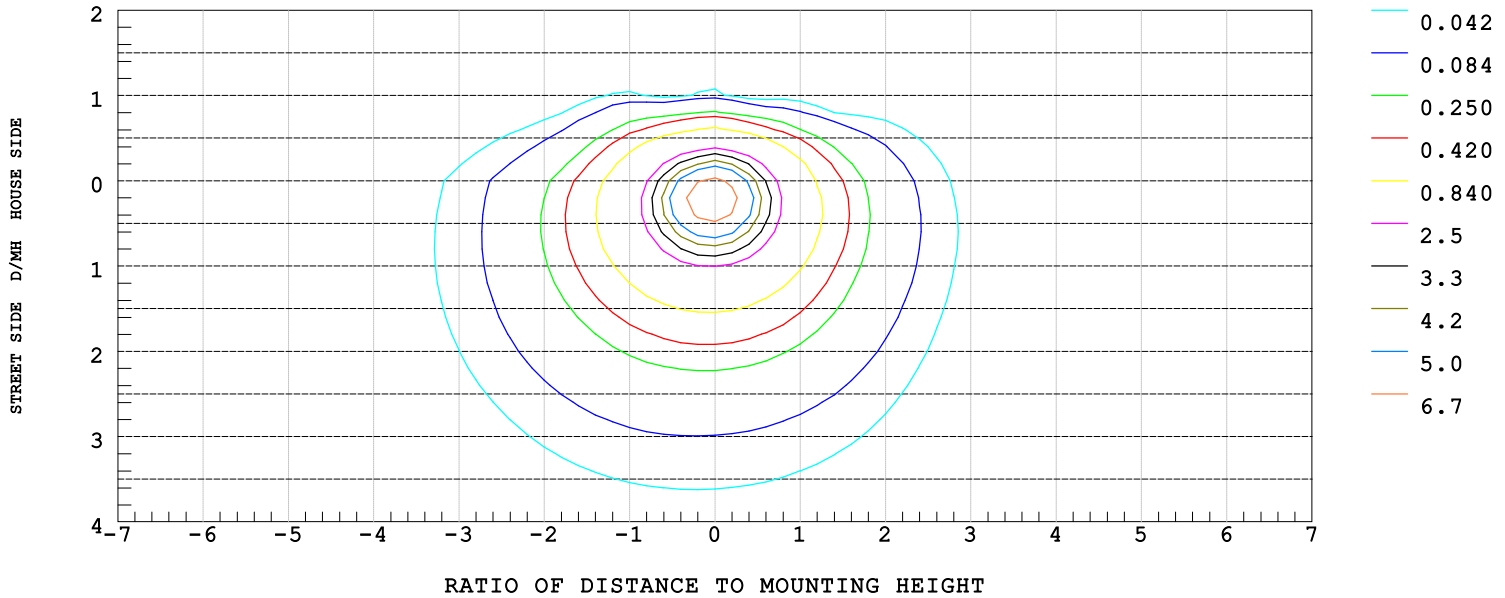
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 7.11 lx



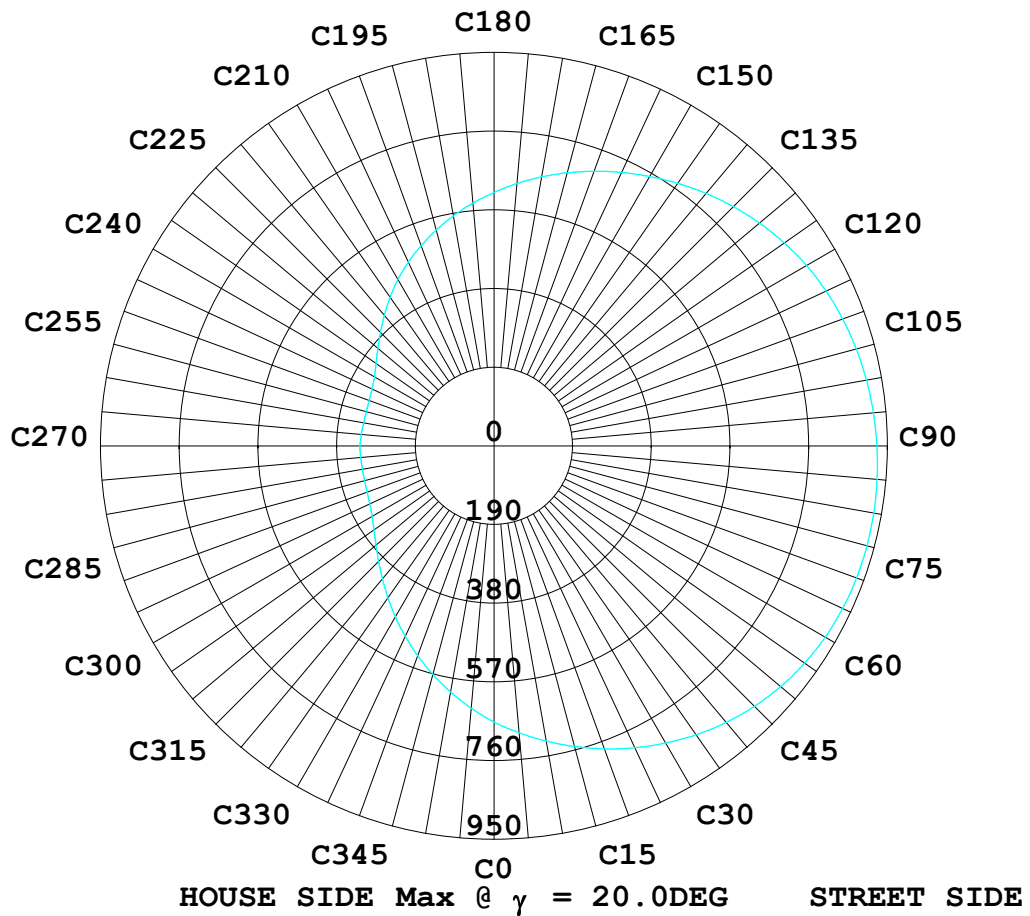
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	711	715	703	715	693	691	711	715	703	715	693	691
5.0	709	764	782	795	761	724	698	660	615	616	608	646
10.0	702	797	852	870	819	744	680	601	525	519	522	596
15.0	690	816	900	916	860	753	652	534	432	417	434	541
20.0	667	828	924	924	872	751	612	465	333	324	340	477
25.0	635	822	908	919	856	734	574	395	252	236	260	418
30.0	597	802	890	900	830	700	527	329	180	160	190	358
35.0	553	773	863	854	796	654	477	256	114	95.0	127	285
40.0	503	706	814	795	738	596	424	198	60.1	43.1	72.8	232
45.0	451	655	742	714	662	540	370	141	19.2	14.8	28.5	177
50.0	398	592	664	634	583	474	308	91.5	4.78	9.47	6.85	126
55.0	344	529	580	549	501	403	256	49.6	3.33	7.31	3.88	81.5
60.0	283	450	495	460	416	316	203	17.4	2.61	5.86	2.79	42.3
65.0	230	369	408	376	333	242	153	8.66	2.07	4.87	2.07	14.7
70.0	180	281	323	282	246	170	106	6.67	1.89	4.33	1.89	8.21
75.0	129	204	236	215	181	104	60.1	5.50	2.07	3.97	1.80	6.13
80.0	82.6	135	169	130	106	53.5	21.4	4.96	2.43	4.15	1.98	5.14
85.0	40.0	75.6	91.8	57.5	41.6	9.74	3.70	5.14	2.97	4.24	2.34	4.69
90.0	7.76	27.7	29.6	7.67	6.94	2.16	5.23	5.05	3.88	4.69	3.15	4.51

Test System:HOPOO HPG1800
 Temperature:25.3DEG
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 Humidity:65.0%
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