

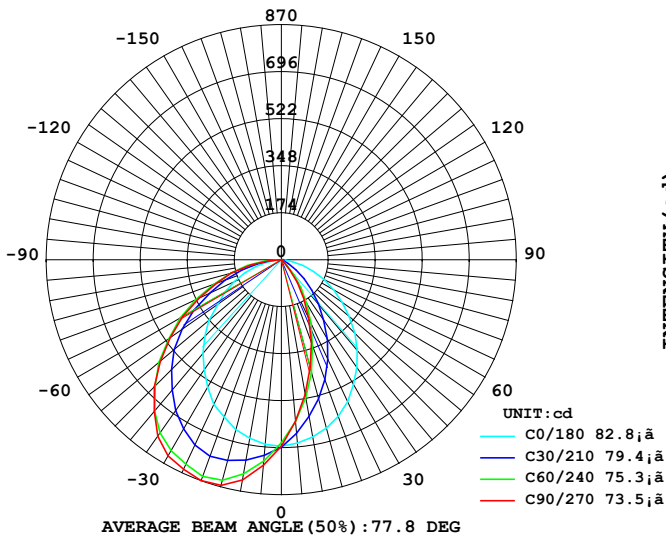
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

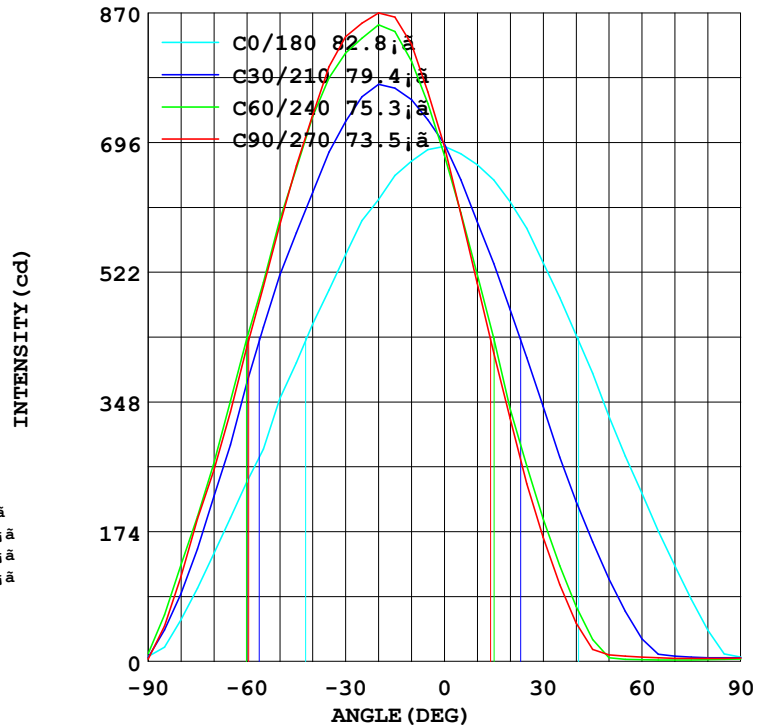
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA . FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

DATA OF LAMP		Imax (cd)	870.2	S/MH (C0/180)	1.18
MODEL	VIRAJ-45 WALL	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.62
NOMINAL POWER (W)	20	TOTAL FLUX (lm)	1581.5	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	81.5	Current (A)	0.090
NOMINAL FLUX (lm)	1581.5	η up (%)	0.0	Power (W)	19.40
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.993
TEST VOLTAGE (V)	219.5	Effective Flux (lm)	1533.6	EEL	0.172

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: 3000K

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 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

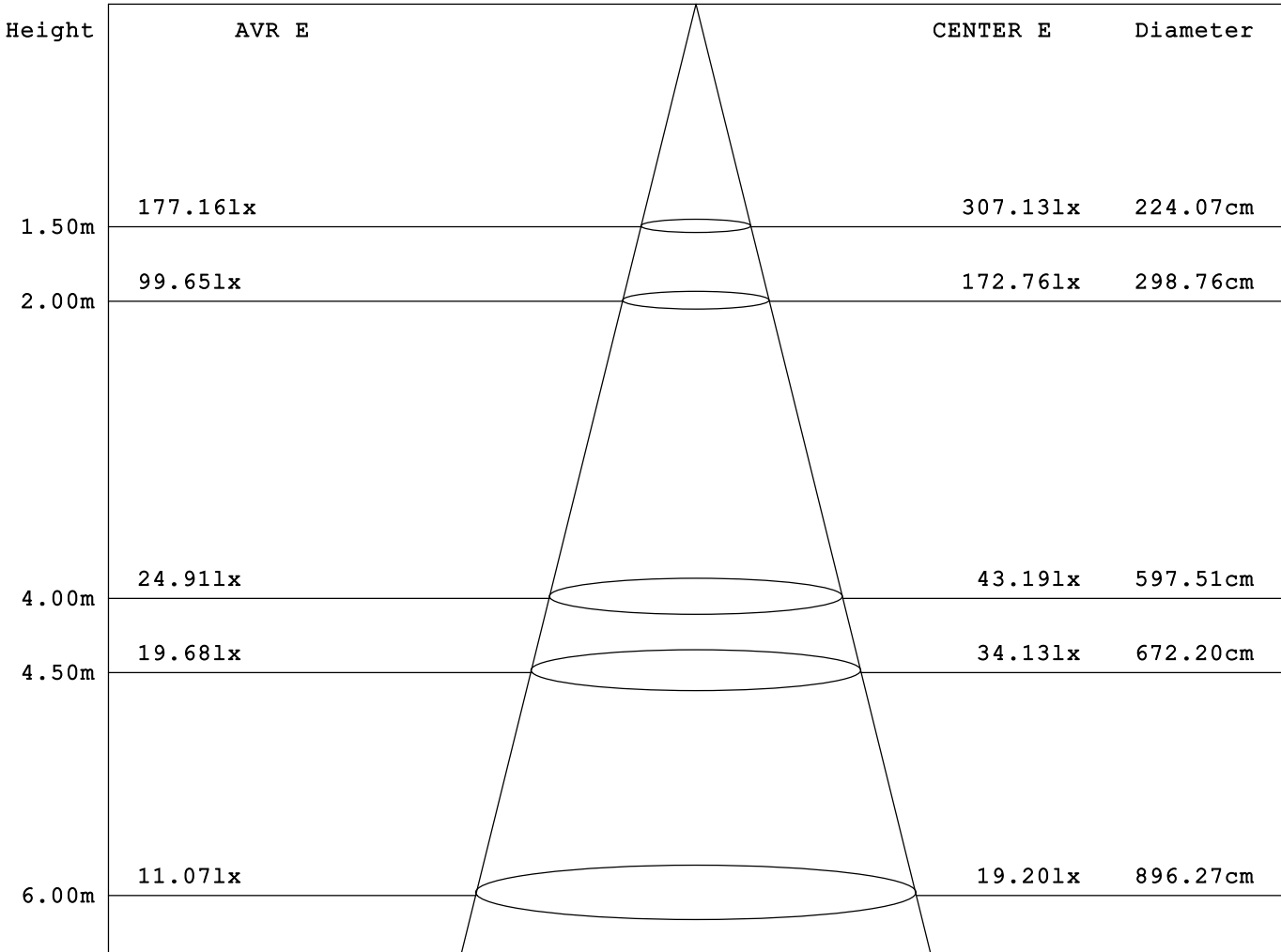
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

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 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:



Angle:73.5deg

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: 3000K

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 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	671.1	779.4	828.0	762.8	666.6	554.9	507.8	540.8	0- 10	64.14	64.14
20.0	619.9	814.2	870.2	789.7	616.7	405.4	326.1	395.9	10- 20	179.6	243.7
30.0	545.9	770.4	838.3	745.7	535.1	267.0	166.7	263.3	20- 30	258.2	502.0
40.0	452.7	680.1	732.9	653.5	438.1	144.5	51.53	143.5	30- 40	289.9	792.0
50.0	352.0	555.1	585.3	525.5	328.8	57.76	8.934	59.02	40- 50	275.4	1067
60.0	240.7	403.2	421.4	372.3	225.4	16.29	5.685	18.00	50- 60	230.0	1297
70.0	144.3	243.2	256.3	220.3	128.3	4.467	4.241	4.332	60- 70	163.3	1461
80.0	55.77	109.7	113.2	92.41	41.78	3.700	3.971	3.474	70- 80	92.36	1553
90.0	6.498	7.942	3.068	4.963	5.595	4.106	4.422	3.880	80- 90	28.34	1582
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: 3000K

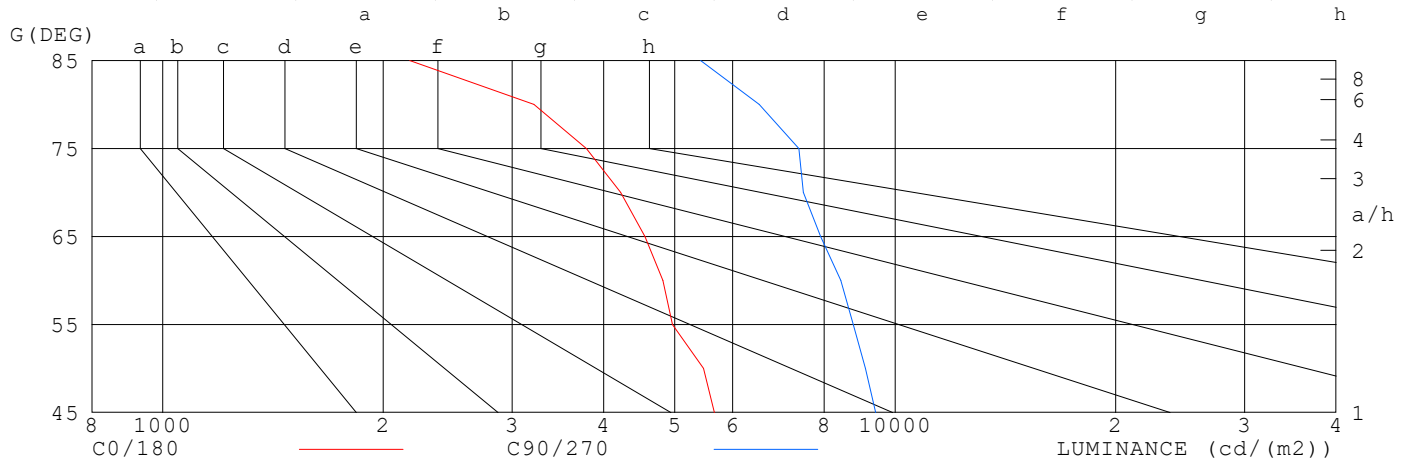
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA . FARIBAAD HARYANA 121005		
NAME: VIRAJ-45 WALL WASHER	TYPE: .5W 3K 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	2175	5426
80	3212	6523
75	3787	7392
70	4219	7494
65	4553	7914
60	4816	8429
55	4966	8769
50	5477	9107
45	5666	9403

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

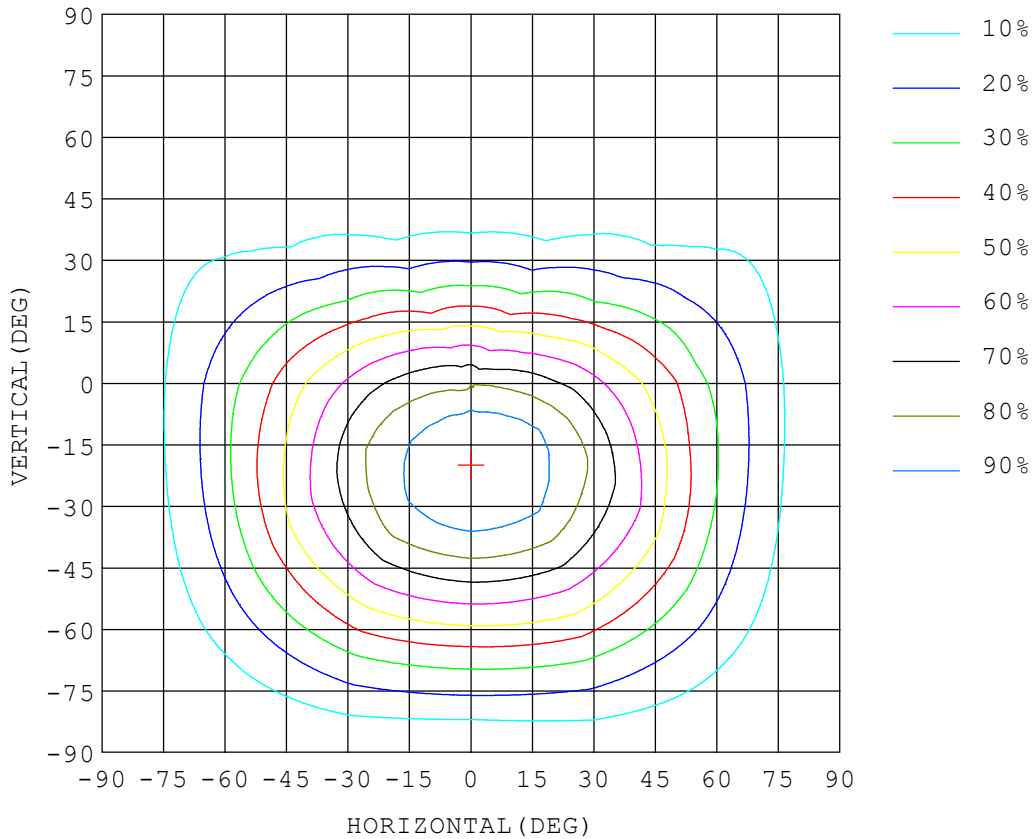
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

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 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

UNIT: cd



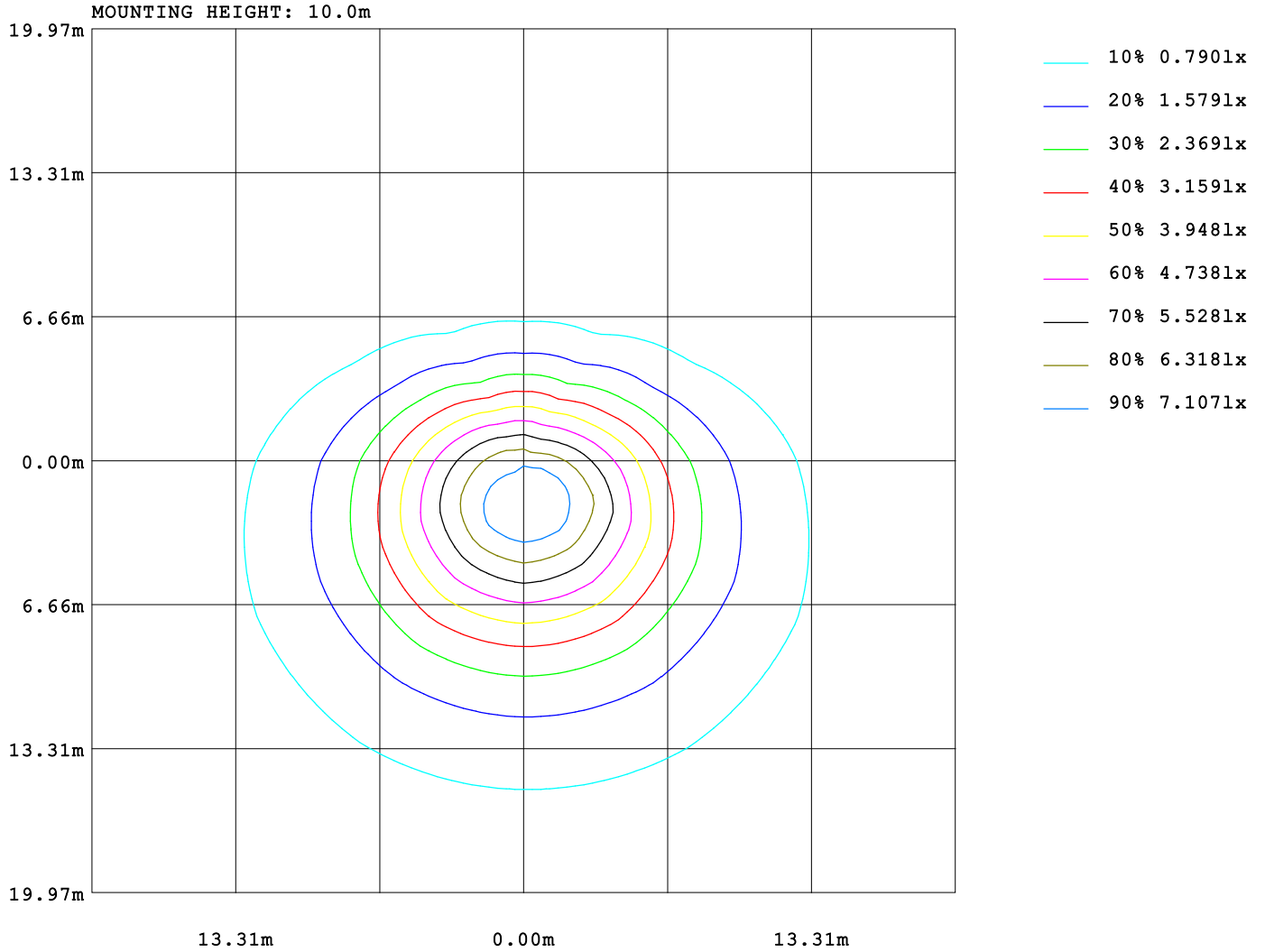
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

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 3K 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: 3000K

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 3K 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	0.02	0.05	0.07	0.08	0.08	0.08	0.08	0.10	0.12	0.12	0.10	0.08			0.07	0.08	0.08	0.07	0.06
80	0.02	0.06	0.09	0.08	0.08	0.07	0.07	0.09	0.11	0.11	0.08	0.06	0.06	0.08	0.08	0.11	0.08	0.02	1.36	0.00						
70	0.02	0.10	0.18	0.10	0.10	0.08	0.06	0.09	0.13	0.13	0.09	0.06	0.08	0.10	0.10	0.22	0.14	0.03	1.80	0.00						
60	0.02	0.17	0.33	0.19	0.17	0.23	0.12	0.13	0.19	0.19	0.13	0.12	0.25	0.18	0.20	0.39	0.22	0.04	3.27	0.00						
50	0.03	0.26	0.56	0.50	0.59	0.90	0.60	0.60	0.74	0.74	0.59	0.61	0.94	0.65	0.55	0.64	0.32	0.05	9.87	0.00						
40	0.04	0.36	0.88	1.25	1.67	2.39	2.68	2.84	3.29	3.26	2.79	2.67	2.43	1.74	1.35	0.98	0.44	0.06	31.1	19.1						
30	0.05	0.47	1.27	2.27	3.47	4.73	6.02	6.58	7.31	7.25	6.45	5.94	4.75	3.60	2.41	1.40	0.56	0.07	64.6	63.4						
0	0.05	0.57	1.70	3.36	5.51	7.79	10.0	11.5	12.3	12.2	11.2	9.90	7.86	5.73	3.54	1.87	0.67	0.08	106	105						
-10	0.06	0.66	2.11	4.39	7.44	10.8	14.1	16.6	17.9	17.6	16.4	14.2	11.0	7.74	4.62	2.31	0.77	0.09	149	149						
-20	0.06	0.71	2.37	5.10	8.80	13.0	17.2	20.5	22.4	22.8	21.0	17.7	13.4	9.22	5.39	2.60	0.83	0.09	183	183						
-30	0.06	0.71	2.43	5.40	9.44	14.1	19.0	22.8	25.4	25.6	23.6	19.8	14.8	10.0	5.75	2.69	0.84	0.09	203	202						
-40	0.06	0.67	2.36	5.35	9.57	14.3	19.1	23.1	25.4	25.6	23.7	19.9	15.1	10.2	5.79	2.63	0.80	0.08	204	203						
-50	0.05	0.59	2.14	4.92	8.99	13.3	17.8	21.6	23.5	23.7	22.1	18.5	14.1	9.67	5.42	2.43	0.73	0.08	190	189						
-60	0.04	0.49	1.79	4.18	7.54	11.4	15.2	18.1	19.7	19.9	18.6	15.9	12.0	8.24	4.66	2.08	0.62	0.06	161	160						
-70	0.03	0.36	1.35	3.18	5.78	8.81	11.8	13.8	15.0	15.1	14.2	12.3	9.43	6.33	3.66	1.63	0.48	0.05	124	123						
-80	0.03	0.23	0.89	2.11	3.89	5.99	8.01	9.34	10.1	10.2	9.64	8.44	6.47	4.36	2.51	1.13	0.34	0.04	83.7	81.8						
-90	0.02	0.13	0.45	1.11	2.12	3.36	4.49	5.21	5.63	5.70	5.42	4.81	3.75	2.50	1.42	0.65	0.21	0.03	47.0	43.0						
	0.02	0.06	0.15	0.33	0.65	1.04	1.37	1.53	1.60	1.65	1.68	1.60	1.29	0.87	0.51	0.25	0.10	0.02	14.7	3.59						
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90									
Φ t	0.66	6.64	21.1	43.9	75.9	113	148	175	191	192	178	153	118	81.3	48.0	24.1	8.21	1.00	1582							
Φ a	0.00	2.38	17.3	40.7	72.7	109	145	172	188	189	175	150	115	78.3	44.9	20.4	3.90	0.00								1534

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

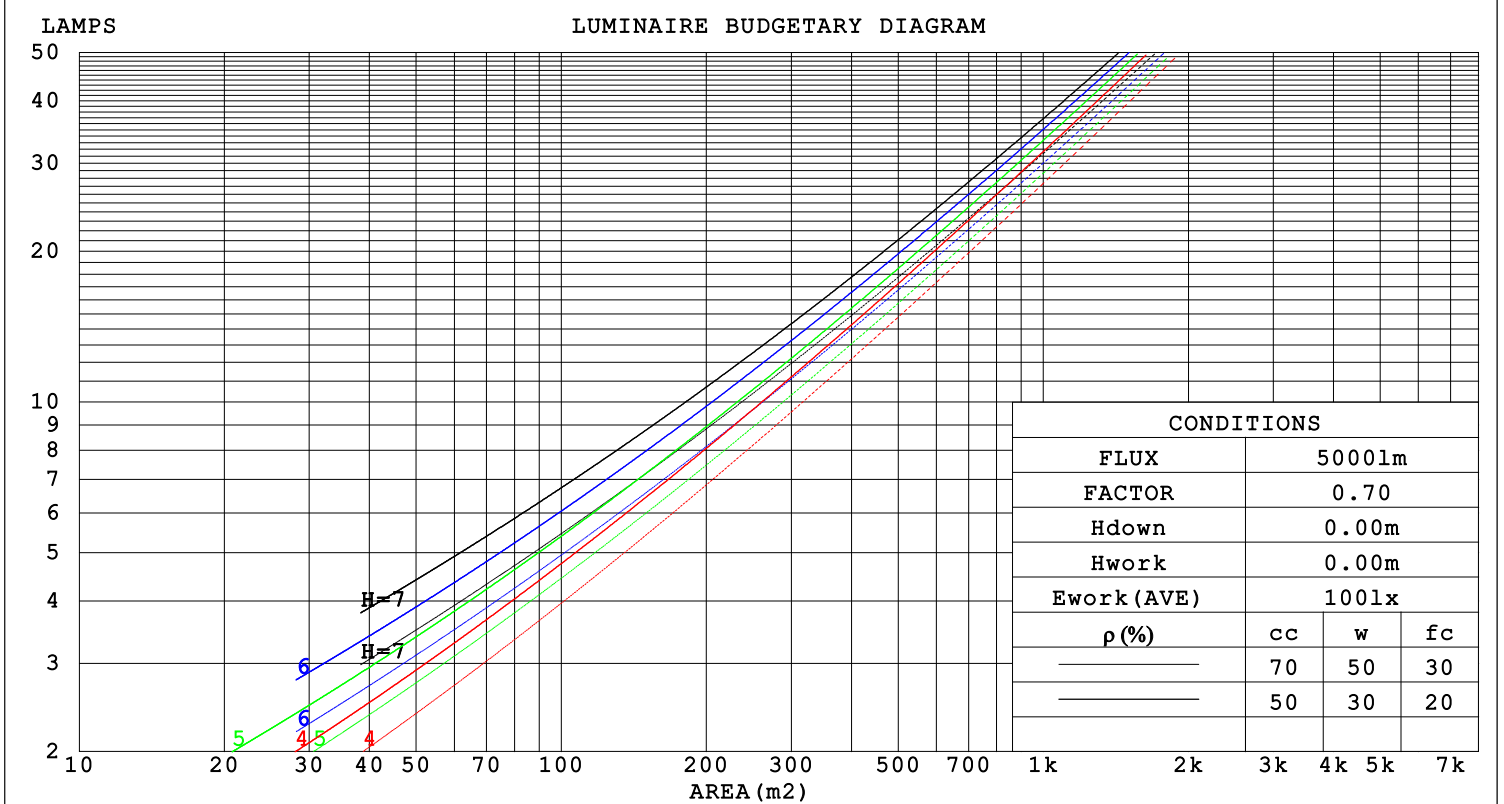
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

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 3K 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	1.05	1.01	.97	1.02	.99	.95	.98	.95	.92	.94	.92	.90	.91	.89	.87	.85
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.77	.83	.79	.76	.80	.77	.74	.72
3.0	.81	.74	.67	.80	.73	.67	.77	.71	.66	.74	.69	.64	.72	.67	.63	.61
4.0	.73	.64	.58	.71	.63	.57	.69	.62	.57	.67	.61	.56	.64	.59	.55	.53
5.0	.65	.57	.50	.64	.56	.50	.62	.55	.49	.60	.54	.49	.58	.53	.48	.46
6.0	.59	.50	.44	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.52	.44	.39	.50	.44	.39	.49	.43	.38	.36
8.0	.49	.41	.35	.49	.41	.35	.47	.40	.35	.46	.40	.35	.45	.39	.35	.33
9.0	.45	.37	.32	.45	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.31	.30
10.0	.42	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.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: 3000K

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 3K 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	.293	.167	.053	.286	.163	.052	.273	.157	.050	.261	.151	.048	.250	.145	.047	
2.0	.276	.151	.046	.270	.149	.046	.259	.144	.045	.248	.139	.044	.238	.135	.042	
3.0	.257	.137	.041	.251	.135	.040	.241	.131	.040	.232	.127	.039	.223	.123	.038	
4.0	.238	.124	.036	.233	.122	.036	.224	.119	.035	.216	.116	.035	.208	.113	.034	
5.0	.221	.112	.033	.216	.111	.032	.208	.108	.032	.201	.106	.032	.194	.104	.031	
6.0	.205	.103	.029	.201	.102	.029	.194	.100	.029	.188	.098	.029	.181	.096	.028	
7.0	.192	.095	.027	.188	.094	.027	.182	.092	.026	.176	.090	.026	.170	.088	.026	
8.0	.179	.088	.025	.176	.087	.025	.171	.085	.024	.165	.084	.024	.160	.082	.024	
9.0	.168	.081	.023	.166	.081	.023	.161	.079	.023	.156	.078	.022	.151	.077	.022	
10.0	.159	.076	.021	.156	.076	.021	.152	.074	.021	.147	.073	.021	.143	.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	.179	.156	.136	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.018	.015	.012	
3.0	.162	.114	.076	.139	.099	.066	.095	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.154	.101	.060	.132	.087	.052	.091	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.147	.090	.049	.126	.078	.042	.087	.055	.030	.050	.032	.018	.016	.010	.006	
6.0	.139	.082	.040	.120	.071	.035	.083	.050	.025	.048	.029	.015	.015	.010	.005	
7.0	.133	.075	.034	.114	.065	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
8.0	.126	.069	.030	.109	.060	.026	.075	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.120	.064	.026	.104	.056	.023	.072	.039	.016	.042	.023	.010	.014	.008	.003	
10.0	.115	.060	.023	.099	.052	.020	.069	.036	.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: 3000K

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 3K 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	20.6	22.0	20.8	22.2	22.4	22.4	23.9	22.7	24.1	24.3
3H	21.7	23.0	22.0	23.2	23.5	23.9	25.2	24.1	25.4	25.7
4H	22.1	23.3	22.4	23.6	23.8	24.5	25.8	24.8	26.0	26.3
6H	22.3	23.5	22.6	23.8	24.0	24.9	26.1	25.3	26.4	26.7
8H	22.3	23.4	22.6	23.7	24.0	25.0	26.2	25.4	26.5	26.8
12H	22.3	23.4	22.6	23.7	24.0	25.1	26.2	25.4	26.5	26.8
4H 2H	21.5	22.8	21.8	23.0	23.3	22.9	24.2	23.2	24.4	24.7
3H	22.9	24.0	23.2	24.3	24.6	24.6	25.7	24.9	26.0	26.3
4H	23.4	24.4	23.7	24.7	25.0	25.4	26.4	25.8	26.7	27.1
6H	23.7	24.6	24.1	24.9	25.3	26.0	26.9	26.4	27.2	27.6
8H	23.7	24.6	24.1	24.9	25.3	26.1	27.0	26.5	27.3	27.7
12H	23.7	24.5	24.2	24.9	25.3	26.2	27.0	26.7	27.4	27.8
8H 4H	23.8	24.7	24.2	25.0	25.4	25.6	26.4	26.0	26.8	27.2
6H	24.3	25.0	24.8	25.4	25.8	26.4	27.1	26.8	27.5	27.9
8H	24.4	25.1	24.9	25.5	25.9	26.6	27.3	27.1	27.7	28.1
12H	24.5	25.0	25.0	25.5	26.0	26.8	27.4	27.3	27.8	28.3
12H 4H	23.9	24.7	24.3	25.0	25.4	25.6	26.4	26.0	26.7	27.2
6H	24.4	25.1	24.9	25.5	25.9	26.4	27.0	26.9	27.4	27.9
8H	24.6	25.2	25.1	25.6	26.1	26.7	27.3	27.2	27.7	28.2

Variations with the observer position at spacings:

S = 1.0H	+ 0.2 / - 0.3	+ 0.1 / - 0.2
1.5H	+ 0.5 / - 0.6	+ 0.3 / - 0.4
2.0H	+ 0.5 / - 1.0	+ 0.2 / - 0.4

CIE Pub.117 Corrected 1582 lm Total Lamp Luminous Flux. (8log(F/F0) = 1.6)

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: 3000K

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 3K 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	61	50	43	60	49	43	59	49	43	37
0.80	71	60	53	70	59	53	68	58	52	46
1.00	79	68	61	78	68	61	75	69	61	54
1.25	86	76	69	84	75	69	82	74	68	61
1.50	90	81	74	89	80	74	86	78	73	66
2.00	97	89	83	95	87	82	91	85	80	73
2.50	100	93	87	98	92	86	95	89	85	77
3.00	103	97	92	101	95	91	97	93	89	80
4.00	107	102	97	105	100	96	101	97	93	85
5.00	109	105	101	107	103	99	103	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

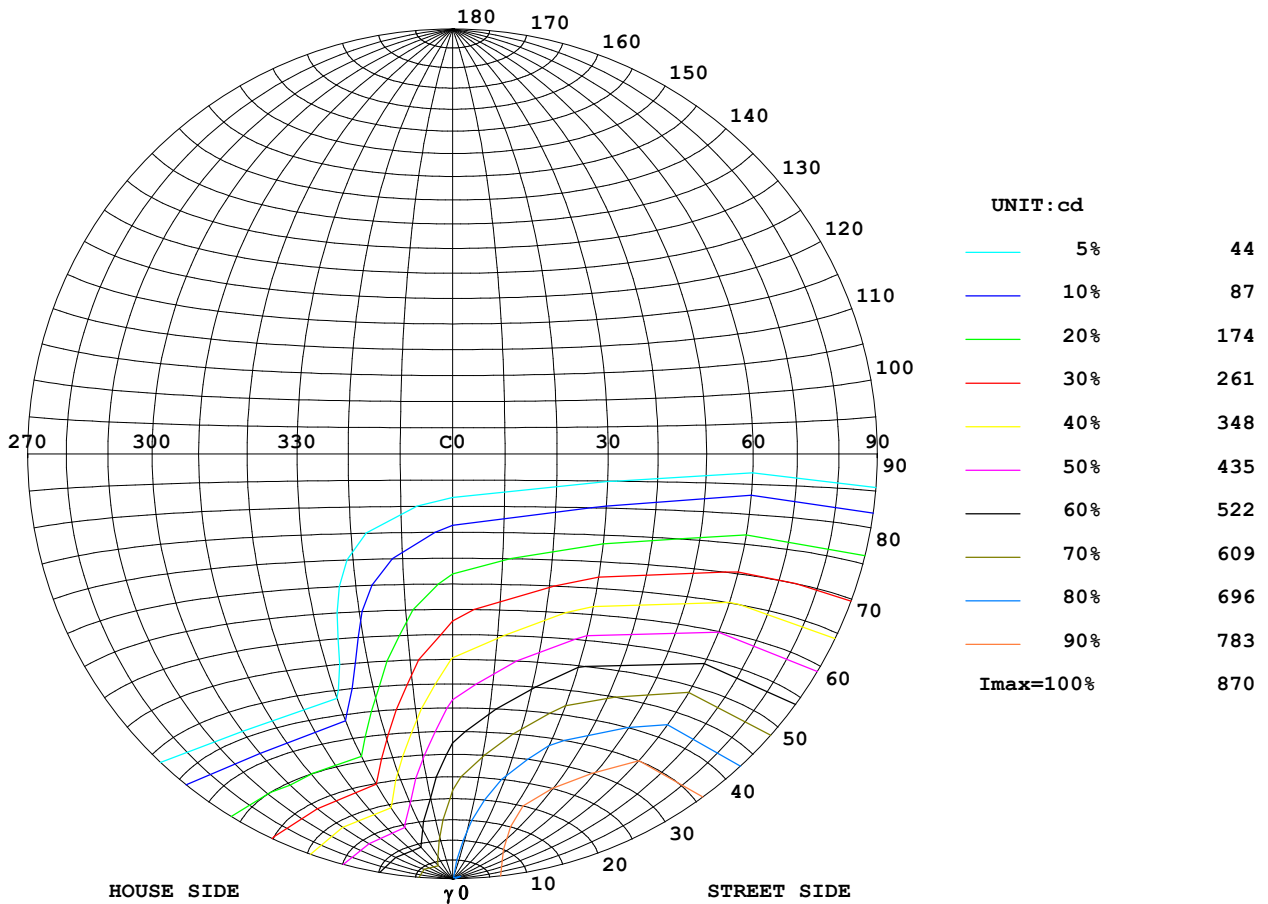
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

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 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:



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

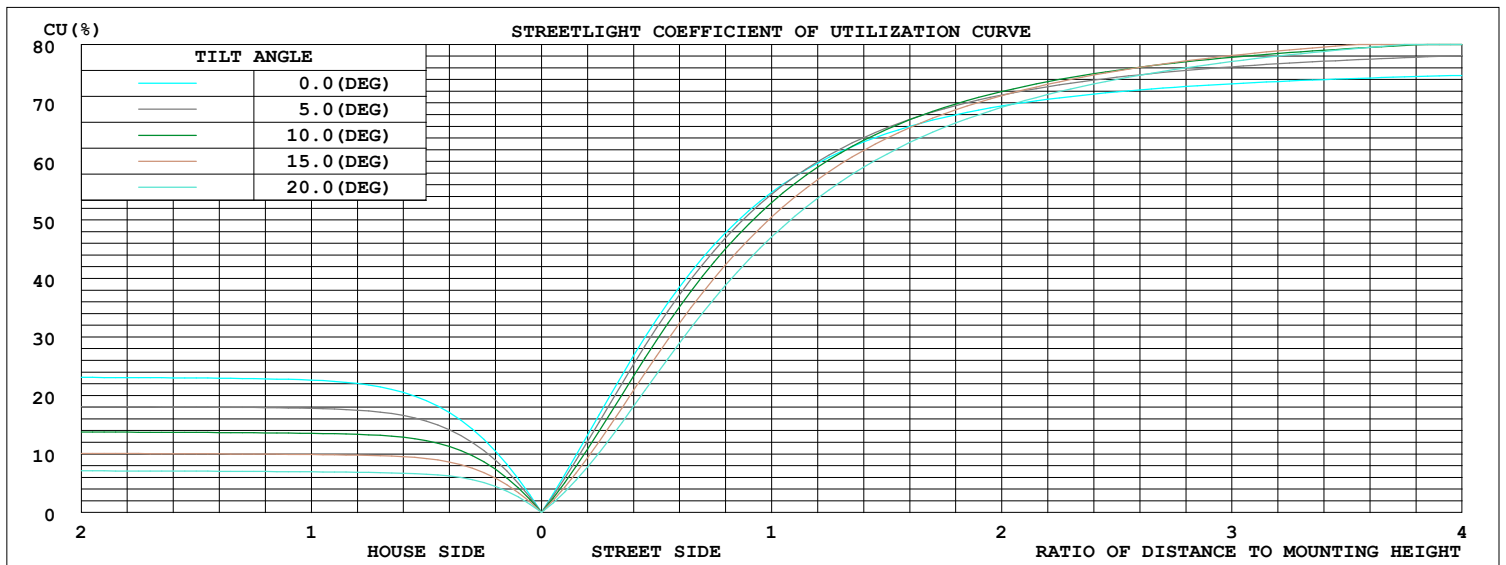
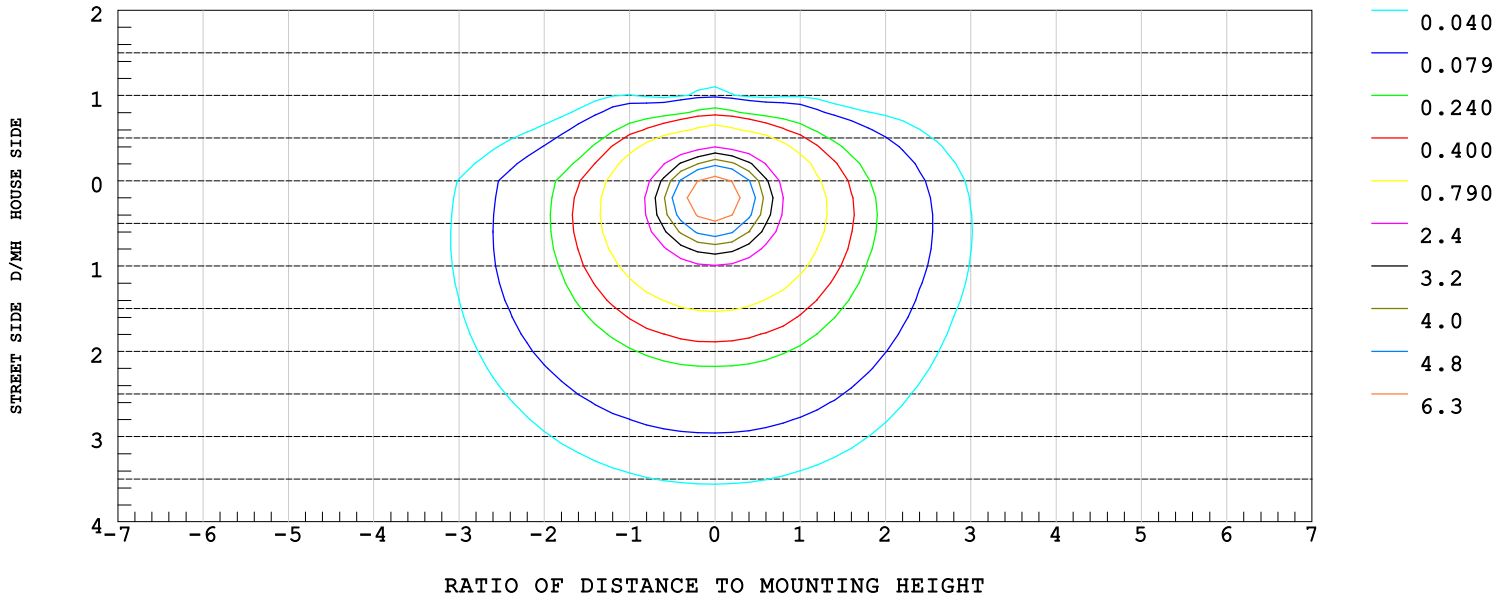
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

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 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*45*70	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 6.91 lx



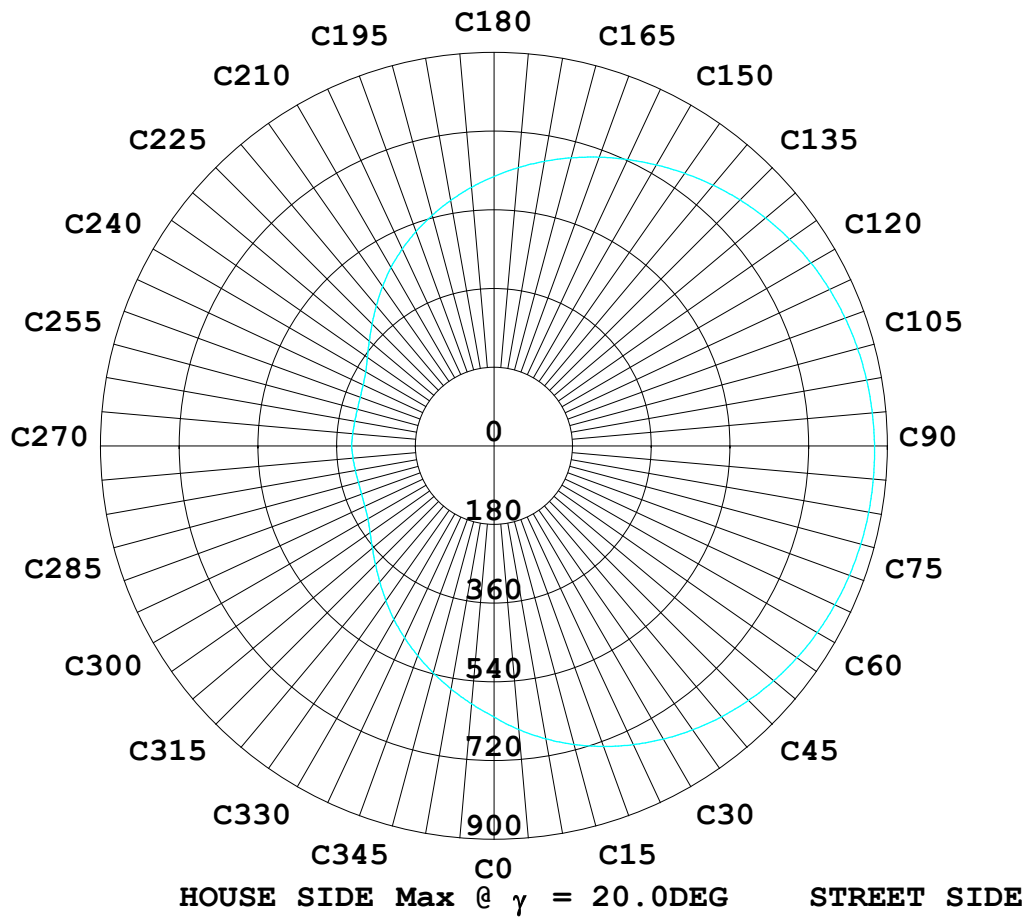
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

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 3K 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: 3000K

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 3K 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	691	694	678	691	675	672	691	694	678	691	675	672
5.0	687	727	749	764	738	705	681	646	602	601	591	625
10.0	671	754	805	828	796	730	667	590	520	508	507	575
15.0	652	769	845	865	830	739	646	534	433	414	424	519
20.0	620	774	854	870	837	742	617	472	339	326	333	459
25.0	591	758	836	856	819	724	581	408	262	239	258	397
30.0	546	724	816	838	796	696	535	342	192	167	187	340
35.0	498	683	783	798	765	650	488	274	129	103	126	270
40.0	453	629	731	733	714	593	438	215	74.2	51.5	73.2	214
45.0	401	575	661	665	643	539	387	160	29.4	16.1	29.2	163
50.0	352	518	592	585	568	483	329	110	5.14	8.93	5.23	113
55.0	285	448	509	503	491	418	275	67.1	2.97	7.12	2.88	70.4
60.0	241	373	433	421	410	335	225	30.3	2.25	5.68	2.16	33.8
65.0	192	291	349	334	331	264	175	9.47	1.89	4.78	1.71	10.1
70.0	144	221	265	256	249	192	128	7.03	1.89	4.24	1.62	7.03
75.0	98.0	151	194	191	182	126	83.3	5.77	1.98	4.06	1.62	5.68
80.0	55.7	90.4	129	113	114	70.6	41.7	5.14	2.25	3.97	1.98	4.96
85.0	18.9	42.3	62.5	47.2	50.9	26.1	10.0	4.87	2.70	4.15	2.34	4.69
90.0	6.49	5.23	10.6	3.06	7.67	2.25	5.59	4.78	3.42	4.42	3.06	4.69

Test System:HOPOO HPG1800
 Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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 Test Distance:9.500 m
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