

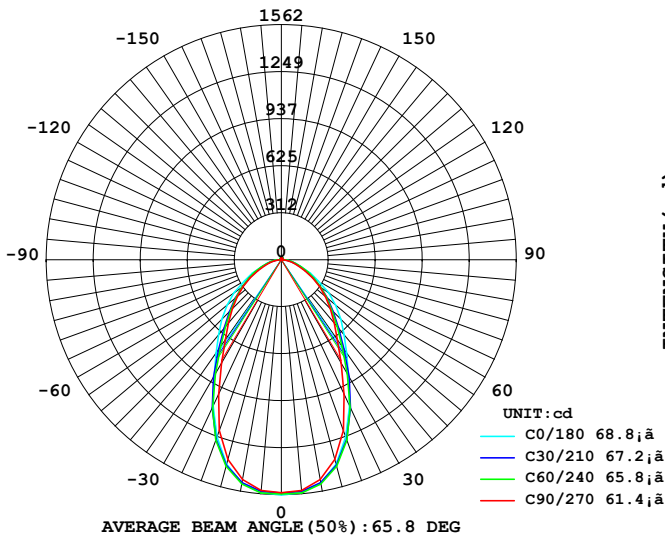
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

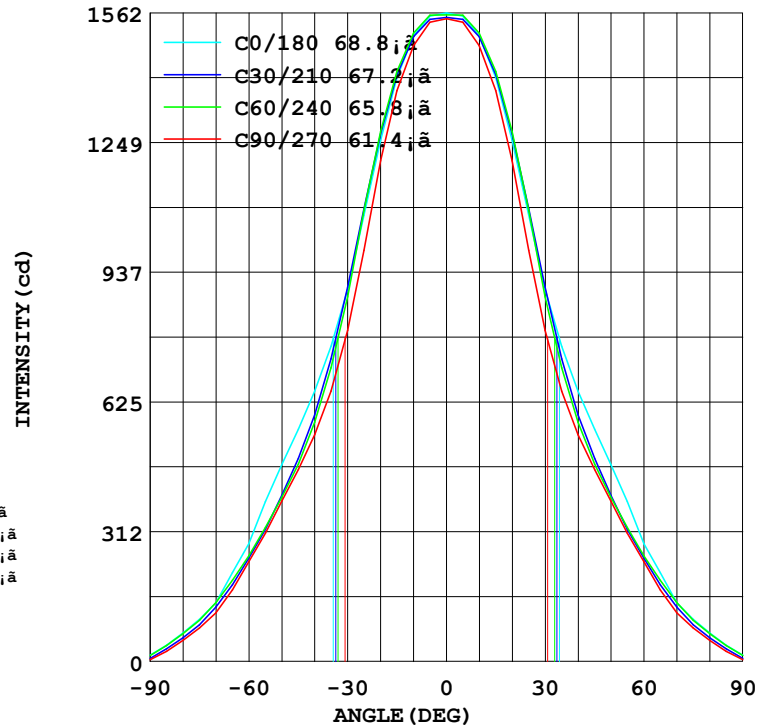
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND.AREA FARIBAAD HARYANA 121005		
NAME: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*70	SERIAL No.:

DATA OF LAMP		Imax (cd)	1562	S/MH (C0/180)	0.95
MODEL	1022-1-2-3-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.90
NOMINAL POWER (W)	21	TOTAL FLUX (lm)	2541.1	Voltage (V)	219.1
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	121.6	Current (A)	0.096
NOMINAL FLUX (lm)	2541.2	η up (%)	2.2	Power (W)	20.90
LAMPS QUANTITY	1	η down (%)	97.8	Power Factor (PF)	0.992
TEST VOLTAGE (V)	219.1	Effective Flux (lm)	2335.8	EEL	0.122

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-06-2023

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: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*70	SERIAL No.:

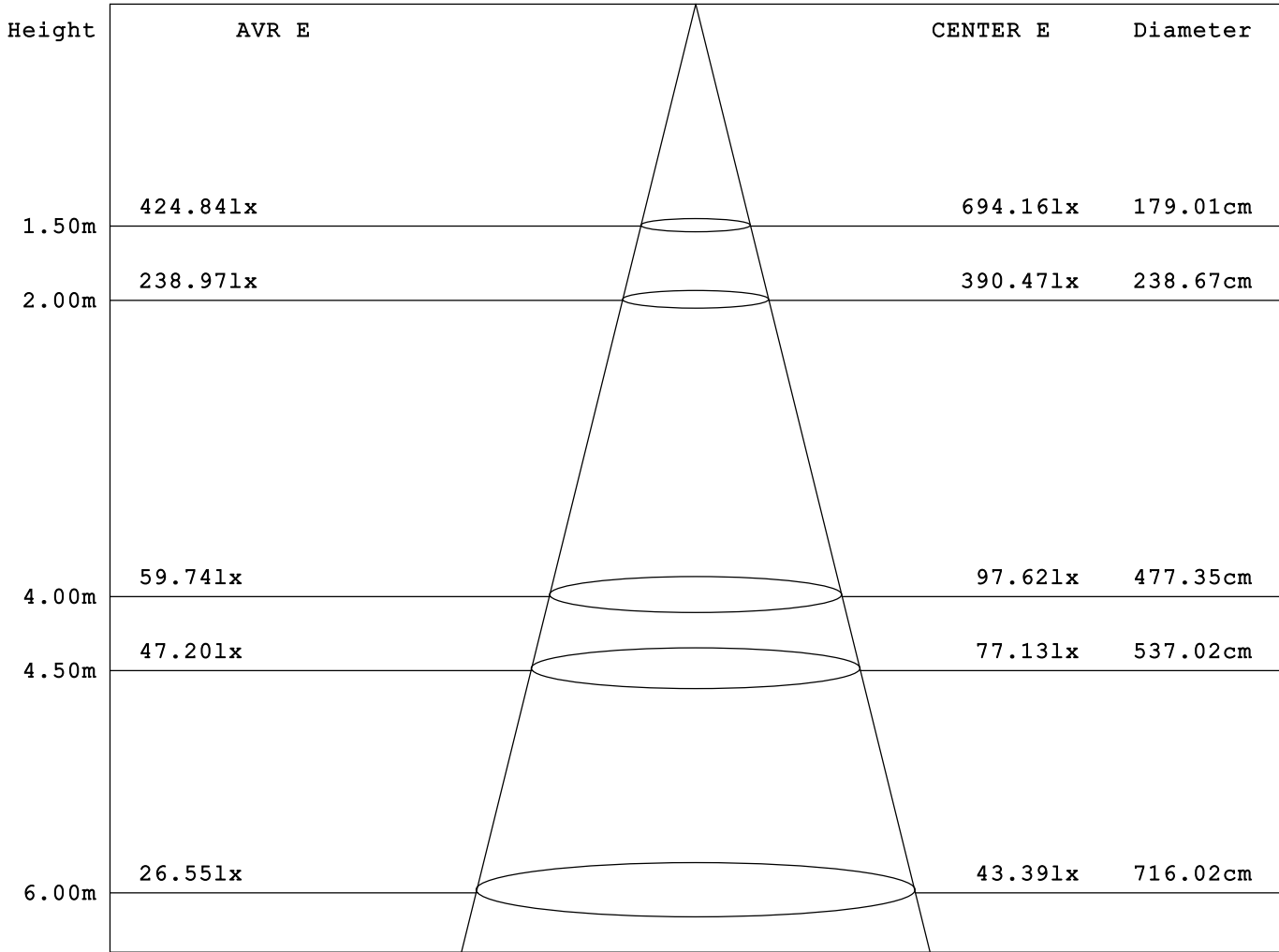
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-06-2023

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: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*70	SERIAL No.:



Angle: 61.6deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

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: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*70	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1506	1509	1483	1509	1506	1509	1483	1509	0- 10	146.3	146.3
20.0	1255	1273	1206	1273	1255	1273	1206	1273	10- 20	392.5	538.8
30.0	896.0	889.7	797.4	889.7	896.0	889.7	797.4	889.7	20- 30	490.2	1029
40.0	651.0	584.7	545.6	584.7	651.0	584.7	545.6	584.7	30- 40	451.3	1480
50.0	473.4	397.2	385.3	397.2	473.4	397.2	385.3	397.2	40- 50	381.8	1862
60.0	283.0	250.9	240.2	250.9	283.0	250.9	240.2	250.9	50- 60	295.1	2157
70.0	140.4	135.6	116.5	135.6	140.4	135.6	116.5	135.6	60- 70	190.5	2348
80.0	68.31	61.91	50.08	61.91	68.31	61.91	50.08	61.91	70- 80	100.3	2448
90.0	14.98	11.05	3.880	11.05	14.98	11.05	3.880	11.05	80- 90	37.71	2486
100.0	9.115	5.595	2.978	5.595	9.115	5.595	2.978	5.595	90-100	7.566	2494
110.0	9.115	6.137	4.061	6.137	9.115	6.137	4.061	6.137	100-110	6.323	2500
120.0	9.747	7.265	5.595	7.265	9.747	7.265	5.595	7.265	110-120	6.765	2507
130.0	10.83	8.799	7.490	8.799	10.83	8.799	7.490	8.799	120-130	7.300	2514
140.0	12.27	10.69	9.837	10.69	12.27	10.69	9.837	10.69	130-140	7.614	2522
150.0	13.98	12.63	12.18	12.63	13.98	12.63	12.18	12.63	140-150	7.405	2529
160.0	15.43	14.39	13.98	14.39	15.43	14.39	13.98	14.39	150-160	6.313	2535
170.0	16.87	15.83	15.43	15.83	16.87	15.83	15.43	15.83	160-170	4.302	2540
180.0	17.59	16.74	16.51	16.74	17.59	16.74	16.51	16.74	170-180	1.560	2541
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

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

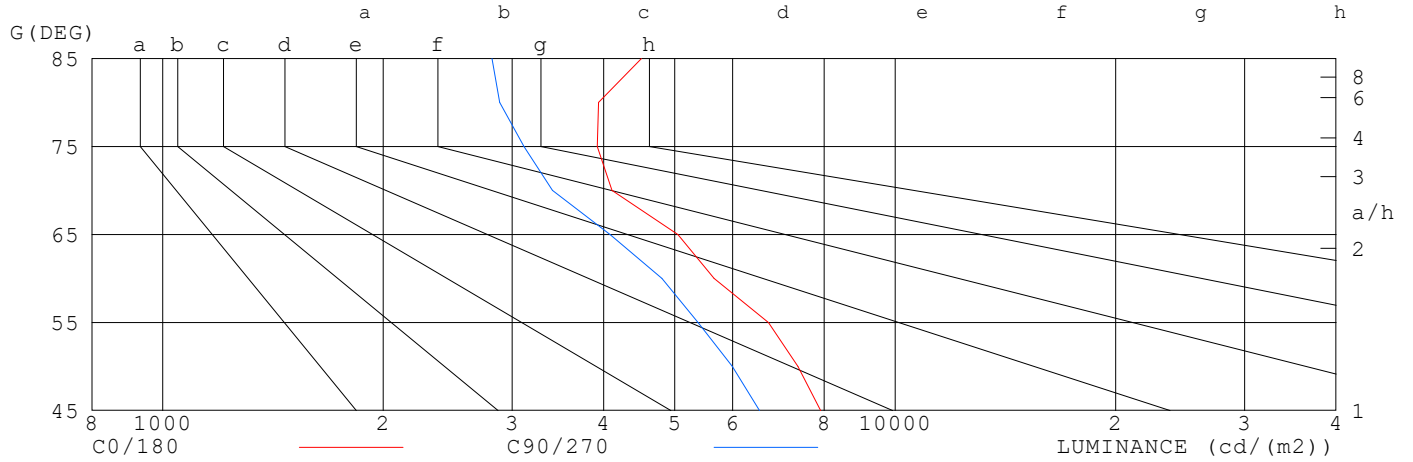
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SARORPUR NANGLA IND.AREA FARIBAAD HARYANA 121005		
NAME: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*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	4504	2817
80	3934	2884
75	3919	3114
70	4106	3407
65	5050	4083
60	5660	4805
55	6716	5384
50	7366	5995
45	7909	6532

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

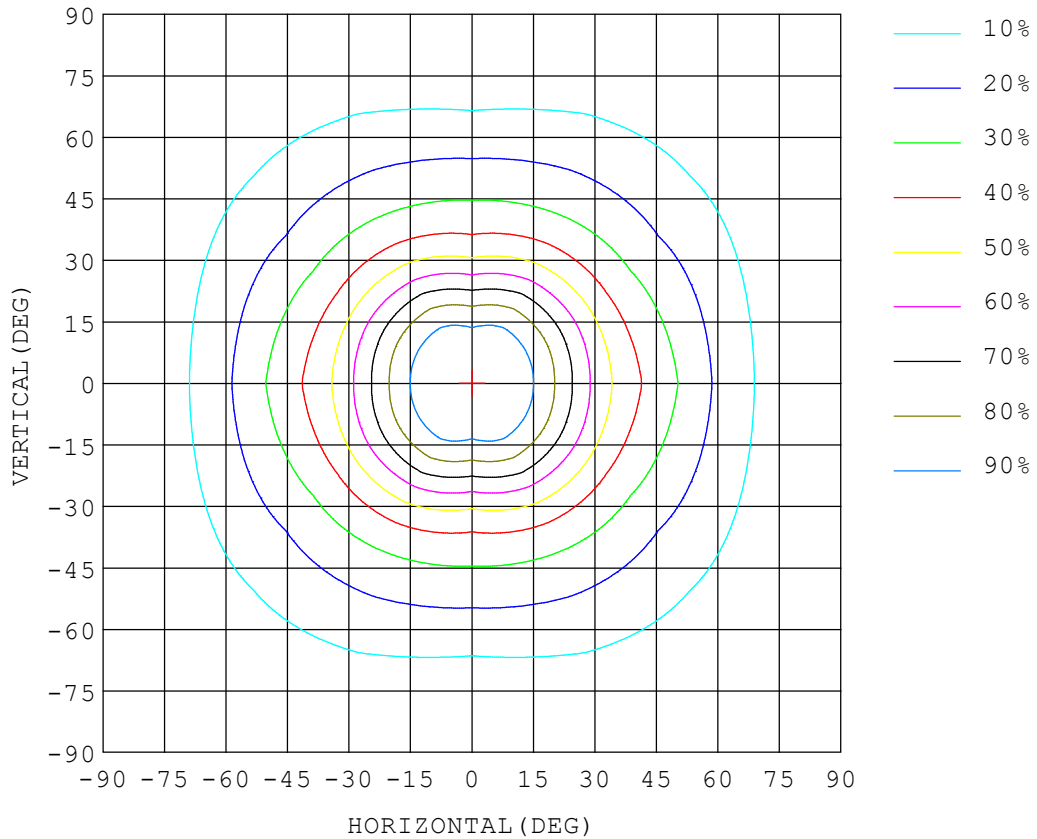
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND.AREA FARIBAAD HARYANA 121005		
NAME: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*70	SERIAL No.:

UNIT: cd



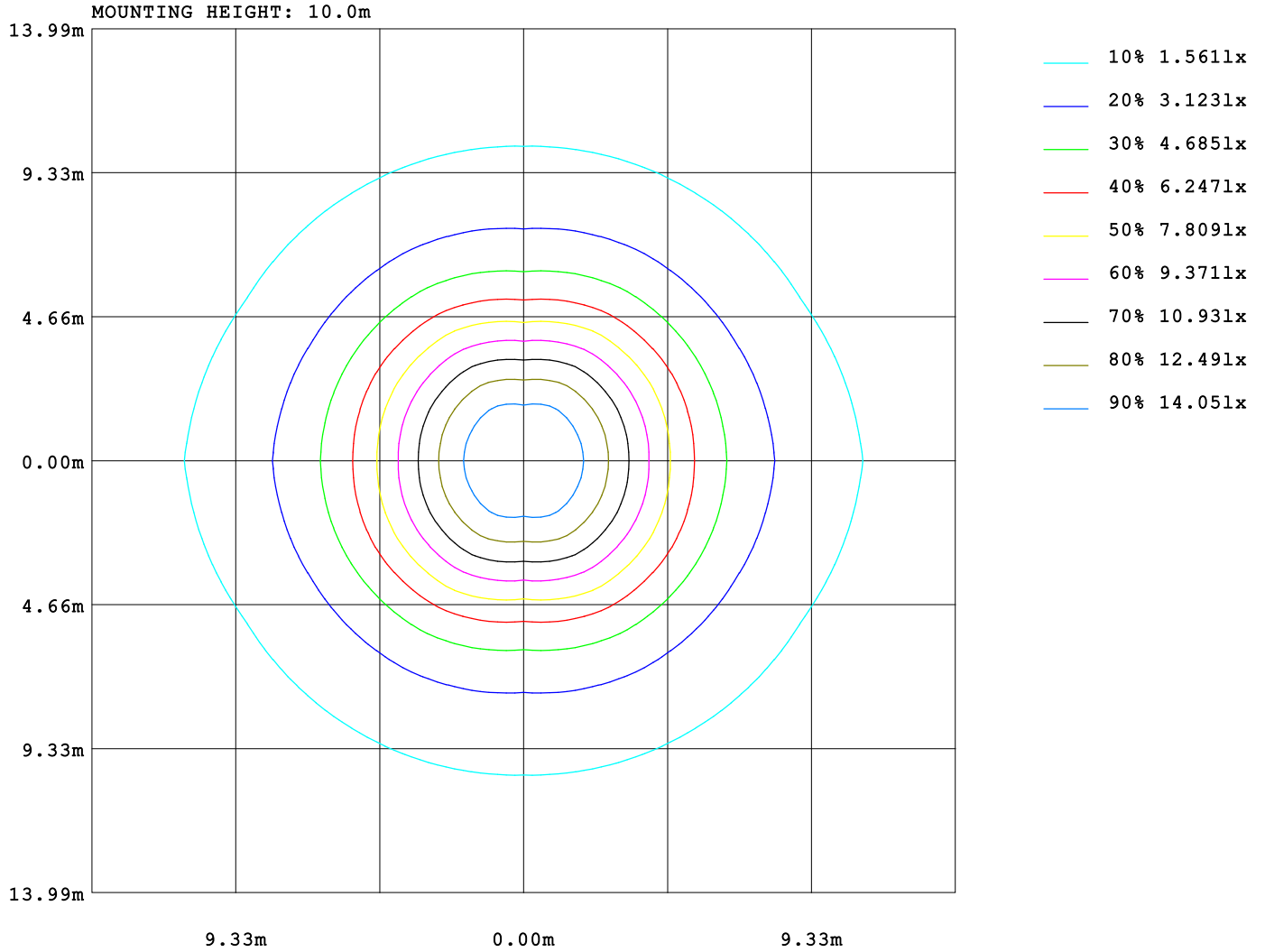
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

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: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*70	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

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: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*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	Φ t	Φ a	
90	0.04	0.14	0.24	0.38	0.60	0.83	0.96	0.93	0.85	0.85	0.93	0.96	0.83	0.60	0.38	0.24	0.14	0.04	9.93	0.00		
80	0.06	0.24	0.50	0.89	1.41	1.98	2.43	2.59	2.57	2.57	2.59	2.43	1.98	1.41	0.89	0.50	0.24	0.06	25.3	0.00		
70	0.07	0.34	0.80	1.47	2.44	3.57	4.59	5.17	5.38	5.38	5.17	4.59	3.57	2.44	1.47	0.80	0.34	0.07	47.7	24.9		
60	0.08	0.45	1.12	2.20	3.81	5.69	7.49	8.77	9.40	9.40	8.77	7.49	5.69	3.81	2.20	1.12	0.45	0.08	78.1	69.4		
50	0.10	0.55	1.47	3.10	5.39	8.15	10.8	12.9	14.0	14.0	12.9	10.8	8.15	5.39	3.10	1.47	0.55	0.10	113	108		
40	0.11	0.65	1.86	4.08	7.08	10.8	14.9	18.5	20.1	20.1	18.5	14.9	10.8	7.08	4.08	1.86	0.65	0.11	157	153		
30	0.12	0.73	2.23	5.05	8.95	13.8	20.2	27.0	30.4	30.4	27.0	20.2	13.8	8.95	5.05	2.23	0.73	0.12	217	214		
20	0.13	0.80	2.54	5.91	10.6	16.7	25.9	35.8	41.2	41.2	35.8	25.9	16.7	10.6	5.91	2.54	0.80	0.13	280	277		
10	0.13	0.83	2.73	6.53	11.7	18.7	29.2	40.3	46.1	46.1	40.3	29.2	18.7	11.7	6.53	2.73	0.83	0.13	313	310		
0	0.13	0.83	2.73	6.53	11.7	18.7	29.2	40.3	46.1	46.1	40.3	29.2	18.7	11.7	6.53	2.73	0.83	0.13	313	310		
-10	0.13	0.80	2.54	5.91	10.6	16.7	25.9	35.8	41.2	41.2	35.8	25.9	16.7	10.6	5.91	2.54	0.80	0.13	280	277		
-20	0.12	0.73	2.23	5.05	8.95	13.8	20.2	27.0	30.4	30.4	27.0	20.2	13.8	8.95	5.05	2.23	0.73	0.12	217	214		
-30	0.11	0.65	1.86	4.08	7.08	10.8	14.9	18.5	20.1	20.1	18.5	14.9	10.8	7.08	4.08	1.86	0.65	0.11	157	153		
-40	0.10	0.55	1.47	3.10	5.39	8.15	10.8	12.9	14.0	14.0	12.9	10.8	8.15	5.39	3.10	1.47	0.55	0.10	113	108		
-50	0.08	0.45	1.12	2.20	3.81	5.69	7.49	8.77	9.40	9.40	8.77	7.49	5.69	3.81	2.20	1.12	0.45	0.08	78.1	69.4		
-60	0.07	0.34	0.80	1.47	2.44	3.57	4.59	5.17	5.38	5.38	5.17	4.59	3.57	2.44	1.47	0.80	0.34	0.07	47.7	24.9		
-70	0.06	0.24	0.50	0.89	1.41	1.98	2.43	2.59	2.57	2.57	2.59	2.43	1.98	1.41	0.89	0.50	0.24	0.06	25.3	0.00		
-80	0.04	0.14	0.24	0.38	0.60	0.83	0.96	0.93	0.85	0.85	0.93	0.96	0.83	0.60	0.38	0.24	0.14	0.04	9.93	0.00		
-90																						
	-90	-80	-70	-60	-50	-40	-30	-20	20	30	40	50	60	70	80	90						
Φ t	1.67	9.45	27.0	59.2	104	161	233	305	340	340	305	233	161	104	59.2	27.0	9.45	1.67	2541			
Φ a	0.00	0.00	14.4	48.6	93.9	151	223	295	331	331	295	223	151	93.9	48.6	14.4	0.00	0.00		2336		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

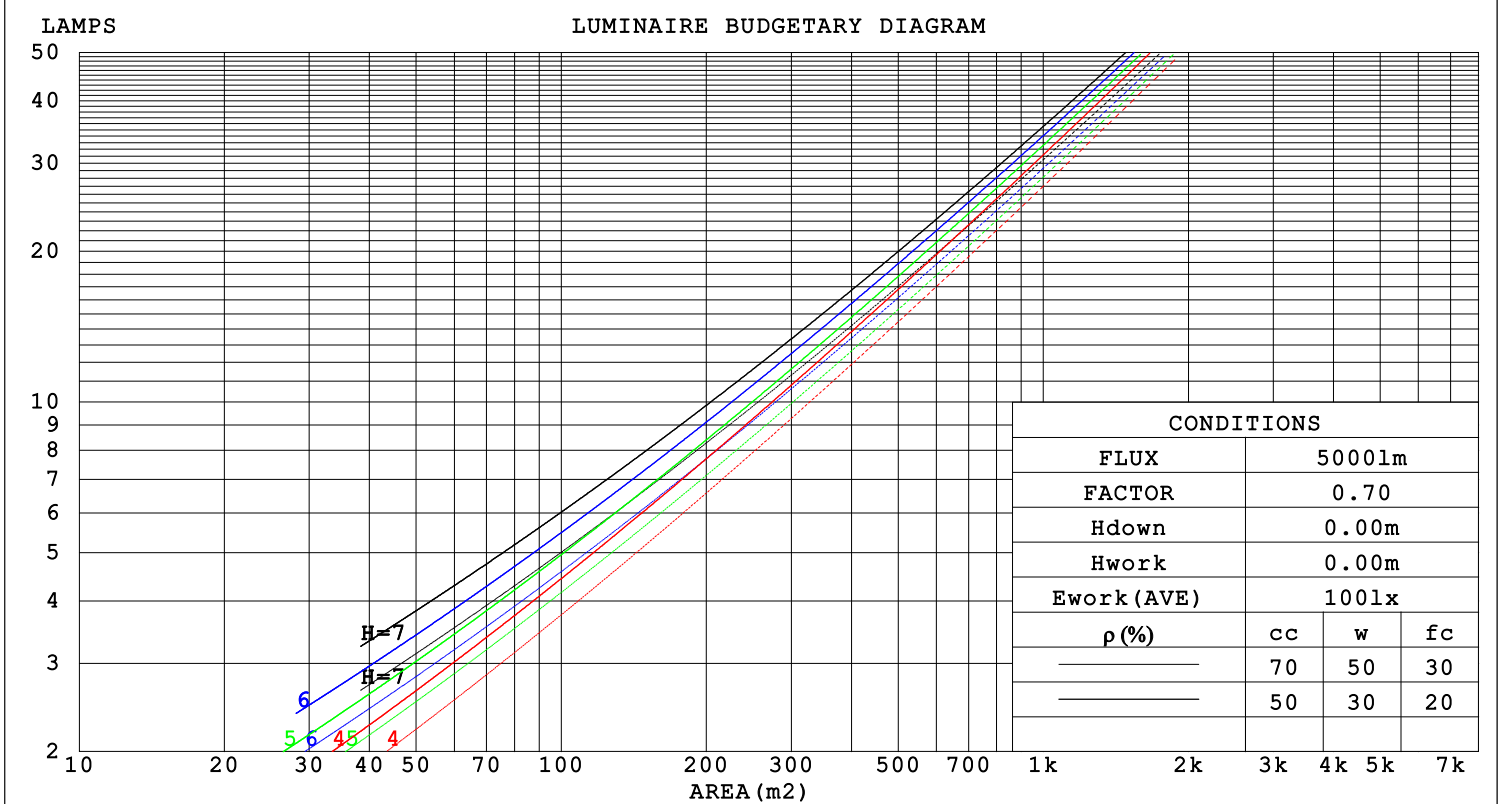
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND.AREA FARIBAAD HARYANA 121005		
NAME: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*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	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.06	1.02	.99	1.03	.90	.97	.99	.96	.93	.94	.92	.90	.91	.89	.87	.85
2.0	.94	.88	.83	.92	.87	.82	.88	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.85	.78	.72	.83	.76	.71	.80	.74	.70	.77	.72	.68	.74	.70	.67	.65
4.0	.76	.69	.63	.75	.68	.62	.72	.66	.61	.70	.65	.60	.68	.63	.59	.57
5.0	.69	.62	.56	.68	.61	.55	.66	.60	.55	.64	.58	.54	.62	.57	.53	.51
6.0	.64	.56	.50	.63	.55	.50	.61	.54	.49	.59	.53	.48	.57	.52	.48	.46
7.0	.58	.51	.45	.58	.50	.45	.56	.49	.44	.54	.48	.44	.53	.48	.44	.42
8.0	.54	.46	.41	.53	.46	.41	.52	.45	.41	.50	.45	.40	.49	.44	.40	.38
9.0	.50	.43	.38	.49	.42	.37	.48	.42	.37	.47	.41	.37	.46	.41	.37	.35
10.0	.47	.39	.35	.46	.39	.35	.45	.39	.34	.44	.38	.34	.43	.38	.34	.32



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

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: 1022-1-2-3-2					TYPE: .5W 4K CRI 90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*66*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	.265	.151	.048	.257	.147	.047	.243	.139	.044	.230	.132	.043	.218	.126	.041	
2.0	.250	.137	.042	.243	.134	.041	.231	.128	.040	.219	.123	.038	.208	.118	.037	
3.0	.233	.124	.037	.227	.122	.037	.216	.117	.036	.206	.113	.035	.197	.109	.034	
4.0	.217	.113	.033	.212	.111	.033	.202	.107	.032	.193	.104	.031	.185	.100	.031	
5.0	.202	.103	.030	.198	.102	.030	.189	.098	.029	.181	.096	.028	.174	.093	.028	
6.0	.189	.095	.027	.185	.093	.027	.177	.091	.026	.170	.088	.026	.163	.086	.026	
7.0	.177	.088	.025	.174	.087	.025	.167	.084	.024	.160	.082	.024	.154	.080	.024	
8.0	.167	.081	.023	.163	.080	.023	.157	.079	.022	.151	.077	.022	.146	.075	.022	
9.0	.157	.076	.021	.154	.075	.021	.149	.073	.021	.143	.072	.021	.138	.070	.020	
10.0	.149	.071	.020	.146	.071	.020	.141	.069	.019	.136	.068	.019	.131	.066	.019	

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	.207	.207	.207	.177	.177	.177	.121	.121	.121	.069	.069	.069	.022	.022	.022	
1.0	.194	.173	.155	.166	.149	.133	.113	.102	.092	.065	.059	.054	.021	.019	.017	
2.0	.183	.149	.120	.157	.128	.104	.108	.089	.072	.062	.052	.042	.020	.017	.014	
3.0	.174	.131	.096	.149	.113	.084	.103	.078	.059	.059	.046	.035	.019	.015	.011	
4.0	.166	.117	.080	.142	.101	.070	.098	.071	.049	.057	.041	.029	.018	.013	.010	
5.0	.158	.106	.068	.136	.092	.059	.094	.064	.042	.054	.038	.025	.017	.012	.008	
6.0	.151	.098	.060	.130	.085	.052	.090	.059	.037	.052	.035	.022	.017	.011	.007	
7.0	.144	.091	.053	.124	.079	.046	.086	.055	.033	.050	.033	.020	.016	.011	.006	
8.0	.138	.085	.048	.119	.074	.042	.082	.052	.030	.048	.031	.018	.016	.010	.006	
9.0	.133	.080	.044	.114	.069	.039	.079	.049	.027	.046	.029	.016	.015	.009	.005	
10.0	.127	.076	.041	.110	.066	.036	.076	.046	.026	.044	.027	.015	.014	.009	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

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: 1022-1-2-3-2					TYPE: .5W 4K CRI 90			WEIGHT:		
SPECIFICATION:					DIMENSION: 1200*66*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	18.1	19.4	18.4	19.6	19.9	17.6	18.9	17.9	19.1	19.3
	3H	19.0	20.2	19.3	20.4	20.7	18.4	19.6	18.7	19.9	20.1
	4H	19.4	20.5	19.7	20.8	21.1	18.8	19.9	19.1	20.2	20.5
	6H	19.7	20.8	20.1	21.1	21.4	19.0	20.1	19.4	20.4	20.7
	8H	19.9	20.9	20.2	21.2	21.5	19.1	20.1	19.5	20.5	20.8
	12H	20.0	21.0	20.4	21.3	21.6	19.2	20.2	19.5	20.5	20.8
4H	2H	18.4	19.6	18.8	19.9	20.1	18.0	19.1	18.3	19.4	19.7
	3H	19.5	20.5	19.8	20.8	21.1	19.1	20.1	19.5	20.4	20.7
	4H	20.0	20.9	20.4	21.2	21.6	19.6	20.5	20.0	20.8	21.2
	6H	20.4	21.2	20.9	21.6	22.0	20.0	20.8	20.4	21.2	21.6
	8H	20.7	21.4	21.1	21.8	22.2	20.1	20.9	20.6	21.3	21.7
	12H	20.8	21.5	21.3	21.9	22.4	20.2	20.9	20.7	21.3	21.8
8H	4H	20.1	20.9	20.6	21.3	21.7	19.8	20.5	20.2	20.9	21.3
	6H	20.7	21.3	21.2	21.8	22.2	20.4	21.0	20.8	21.4	21.9
	8H	21.0	21.6	21.5	22.0	22.5	20.6	21.2	21.1	21.6	22.1
	12H	21.3	21.8	21.8	22.2	22.8	20.8	21.3	21.3	21.8	22.3
12H	4H	20.1	20.8	20.6	21.2	21.7	19.8	20.5	20.2	20.9	21.3
	6H	20.8	21.3	21.3	21.8	22.3	20.4	21.0	20.9	21.4	21.9
	8H	21.1	21.6	21.6	22.1	22.6	20.7	21.2	21.2	21.7	22.2

Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.7 / - 0.6					+ 0.4 / - 0.6				

CIE Pub.117 Corrected 2541 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.2)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

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: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*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	66	56	50	65	55	49	64	55	49	44
0.80	75	65	59	74	65	59	72	64	58	52
1.00	83	73	67	81	73	67	79	73	66	60
1.25	89	80	74	87	79	73	85	78	73	66
1.50	93	85	79	91	84	78	88	82	77	70
2.00	99	92	86	97	90	85	93	88	84	76
2.50	102	95	90	100	94	89	96	91	87	79
3.00	105	99	94	102	97	93	98	94	91	82
4.00	108	103	99	106	101	98	101	98	95	86
5.00	110	106	102	107	104	101	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

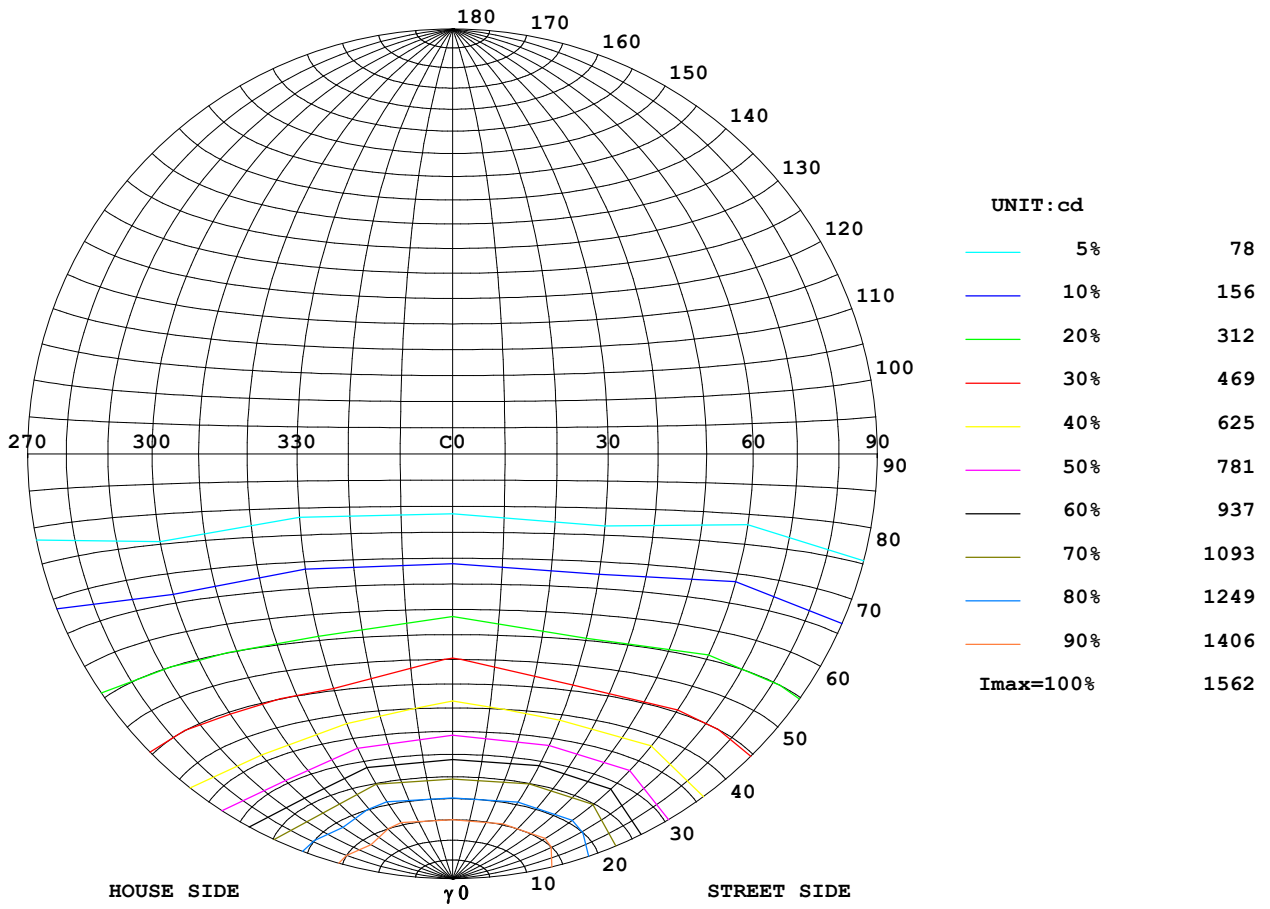
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

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: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*70	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

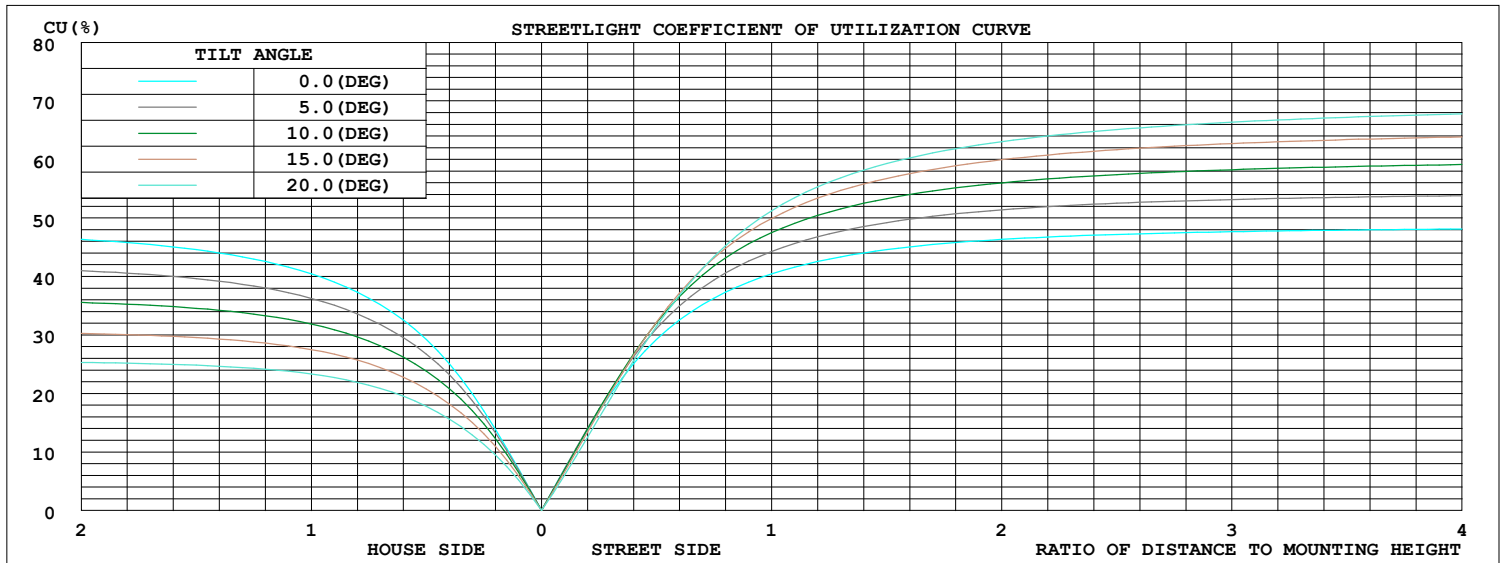
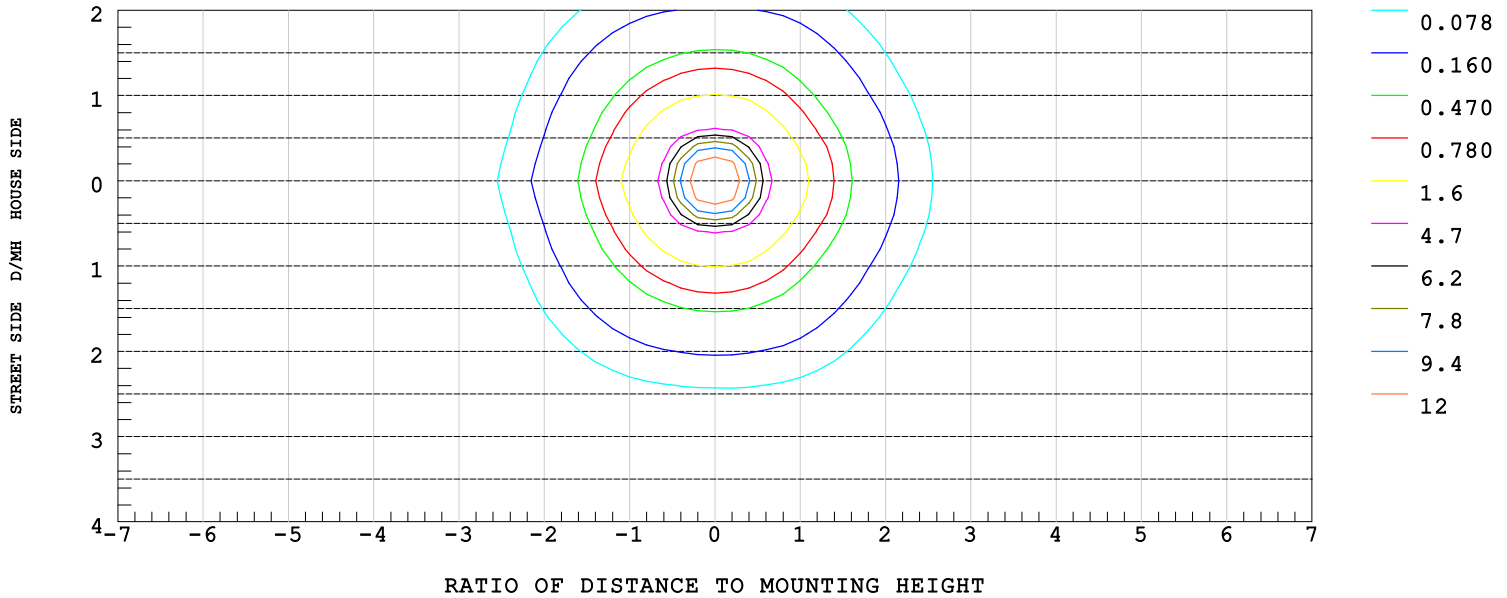
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND.AREA FARIBAAD HARYANA 121005		
NAME: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*70	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 15.62 lx



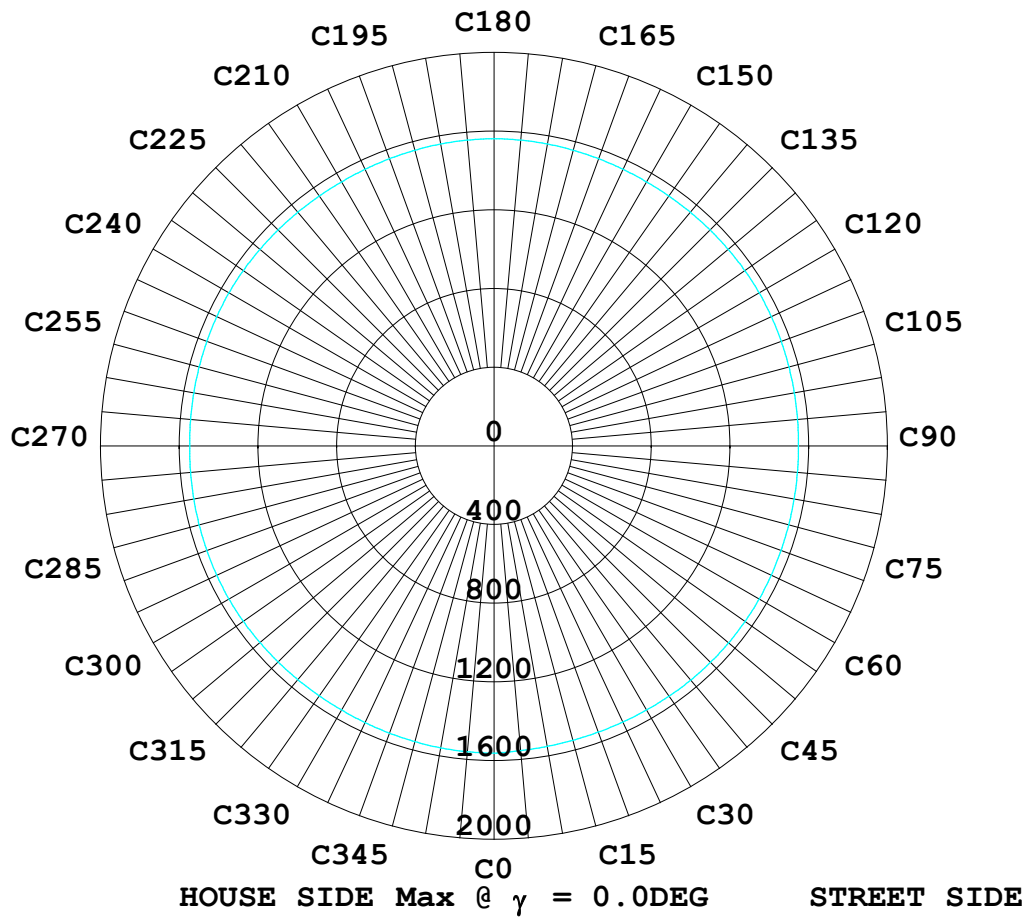
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

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: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*70	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-06-2023

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: 1022-1-2-3-2	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*66*70	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1562	1550	1557	1548	1557	1550	1562	1550	1557	1548	1557	1550
5.0	1554	1546	1556	1539	1556	1546	1554	1546	1556	1539	1556	1546
10.0	1506	1505	1513	1483	1513	1505	1506	1505	1513	1483	1513	1505
15.0	1406	1413	1421	1374	1421	1413	1406	1413	1421	1374	1421	1413
20.0	1255	1270	1275	1206	1275	1270	1255	1270	1275	1206	1275	1270
25.0	1075	1090	1086	990	1086	1090	1075	1090	1086	990	1086	1090
30.0	896	901	878	797	878	901	896	901	878	797	878	901
35.0	758	729	707	651	707	729	758	729	707	651	707	729
40.0	651	594	576	546	576	594	651	594	576	546	576	594
45.0	559	489	475	462	475	489	559	489	475	462	475	489
50.0	473	400	395	385	395	400	473	400	395	385	395	400
55.0	385	317	323	309	323	317	385	317	323	309	323	317
60.0	283	248	254	240	254	248	283	248	254	240	254	248
65.0	213	185	196	173	196	185	213	185	196	173	196	185
70.0	140	130	141	117	141	130	140	130	141	117	141	130
75.0	101	88.5	99.2	80.5	99.2	88.5	101	88.5	99.2	80.5	99.2	88.5
80.0	68.3	56.8	66.9	50.0	66.9	56.8	68.3	56.8	66.9	50.0	66.9	56.8
85.0	39.2	30.0	38.4	24.5	38.4	30.0	39.2	30.0	38.4	24.5	38.4	30.0
90.0	14.9	7.58	14.5	3.88	14.5	7.58	14.9	7.58	14.5	3.88	14.5	7.58
95.0	9.56	2.52	8.66	2.43	8.66	2.52	9.56	2.52	8.66	2.43	8.66	2.52
100.0	9.11	3.06	8.12	2.97	8.12	3.06	9.11	3.06	8.12	2.97	8.12	3.06
105.0	9.02	3.70	7.94	3.33	7.94	3.70	9.02	3.70	7.94	3.33	7.94	3.70
110.0	9.11	4.33	7.94	4.06	7.94	4.33	9.11	4.33	7.94	4.06	7.94	4.33
115.0	9.38	5.14	8.21	4.69	8.21	5.14	9.38	5.14	8.21	4.69	8.21	5.14
120.0	9.74	5.95	8.57	5.59	8.57	5.95	9.74	5.95	8.57	5.59	8.57	5.95
125.0	10.2	6.85	9.11	6.58	9.11	6.85	10.2	6.85	9.11	6.58	9.11	6.85
130.0	10.8	7.76	9.83	7.49	9.83	7.76	10.8	7.76	9.83	7.49	9.83	7.76
135.0	11.5	8.75	10.6	8.66	10.6	8.75	11.5	8.75	10.6	8.66	10.6	8.75
140.0	12.2	9.83	11.5	9.83	11.5	9.83	12.2	9.83	11.5	9.83	11.5	9.83
145.0	13.2	10.9	12.4	11.0	12.4	10.9	13.2	10.9	12.4	11.0	12.4	10.9
150.0	13.9	11.9	13.3	12.1	13.3	11.9	13.9	11.9	13.3	12.1	13.3	11.9
155.0	14.7	12.9	14.3	13.0	14.3	12.9	14.7	12.9	14.3	13.0	14.3	12.9
160.0	15.4	13.8	14.9	13.9	14.9	13.8	15.4	13.8	14.9	13.9	14.9	13.8
165.0	16.2	14.6	15.7	14.6	15.7	14.6	16.2	14.6	15.7	14.6	15.7	14.6
170.0	16.8	15.3	16.3	15.4	16.3	15.3	16.8	15.3	16.3	15.4	16.3	15.3
175.0	17.3	15.9	16.8	16.0	16.8	15.9	17.3	15.9	16.8	16.0	16.8	15.9
180.0	17.5	16.6	16.8	16.5	16.8	16.6	17.5	16.6	16.8	16.5	16.8	16.6

Test System:HOPOO HPG1800
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