

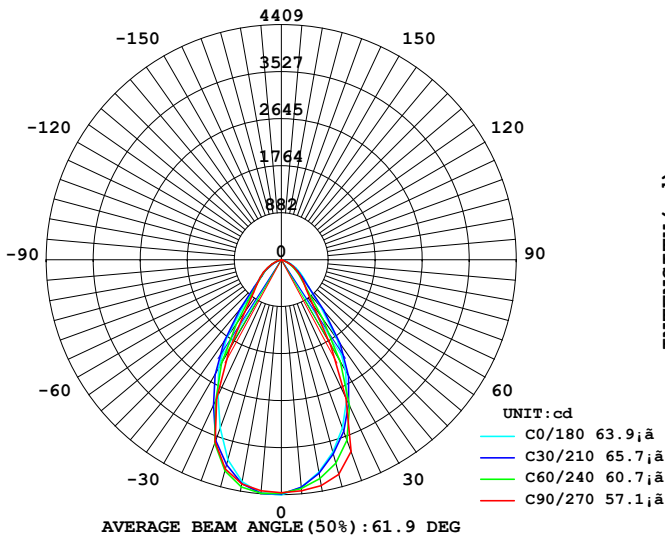
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

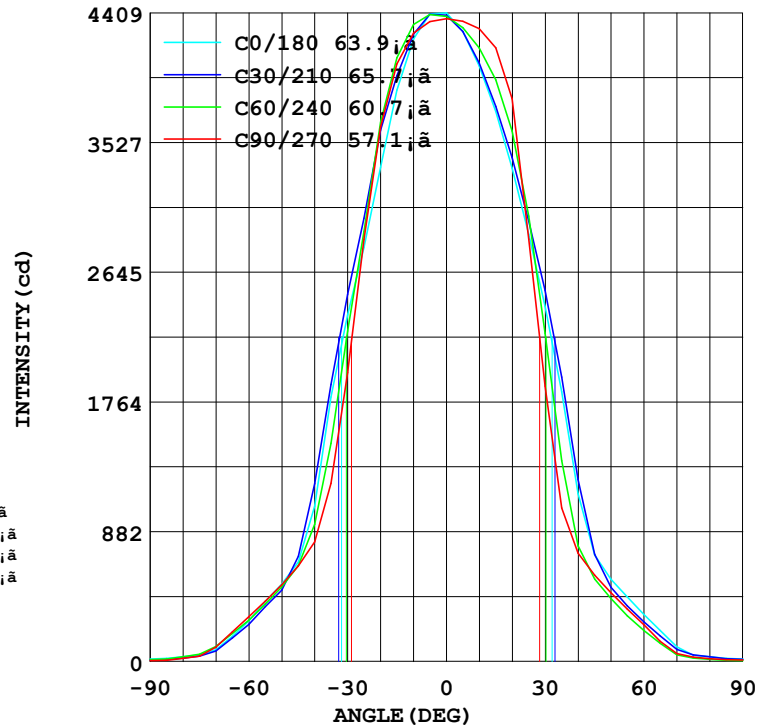
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

DATA OF LAMP		Imax (cd)	4409	S/MH (C0/180)	0.90
MODEL	1031-1-2-3-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.86
NOMINAL POWER (W)	40	TOTAL FLUX (lm)	4985.0	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	122.9	Current (A)	0.186
NOMINAL FLUX (lm)	4985.1	η up (%)	0.0	Power (W)	40.54
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.992
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	4502.7	EEL	0.226

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-10-2023

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: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

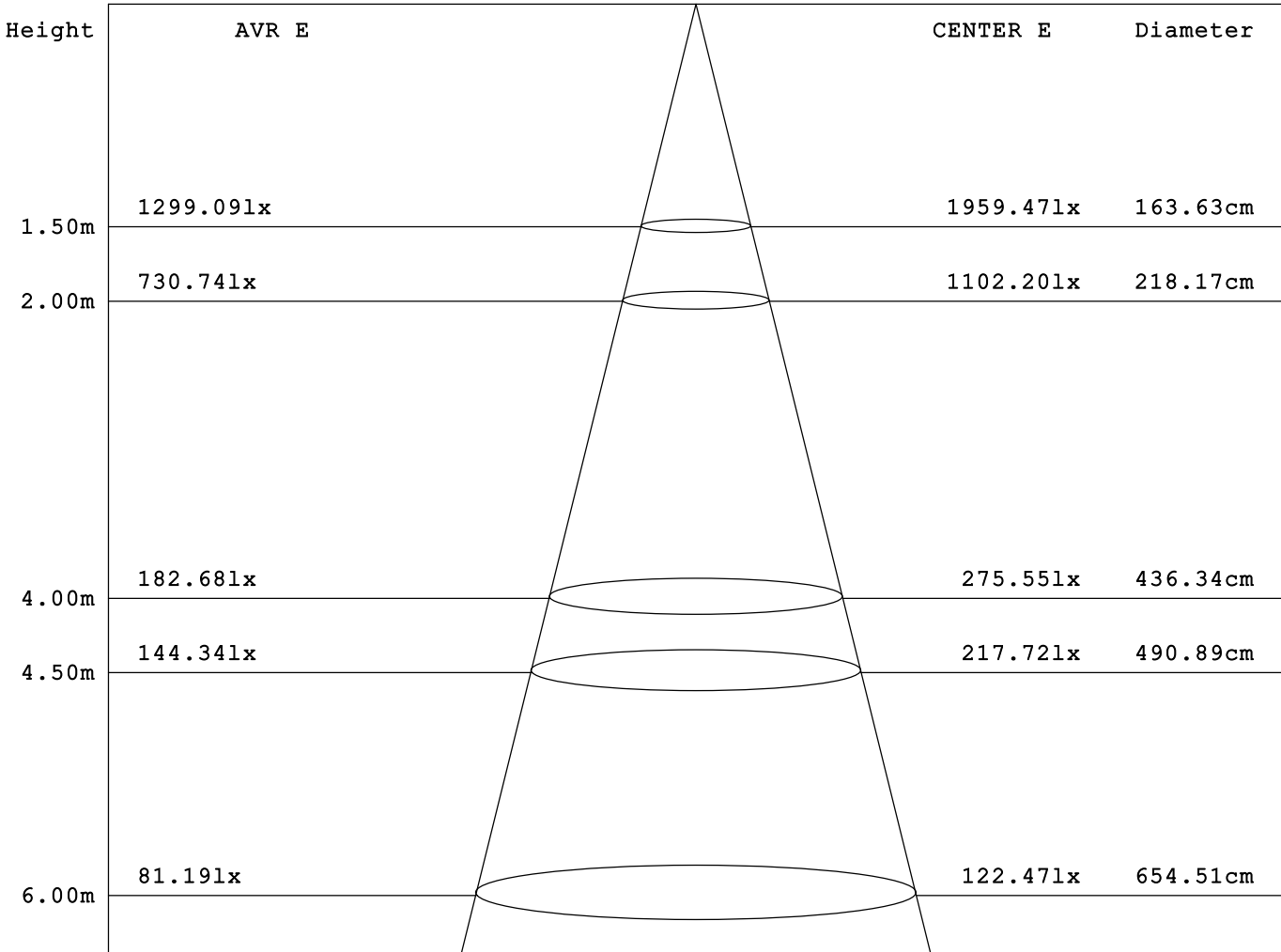
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-10-2023

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: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



Angle: 57.2deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 07-10-2023

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: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	4232	4297	4270	4068	4049	4120	4302	4325	0- 10	409.6	409.6
20.0	3359	3638	3634	3450	3353	3514	3825	3778	10- 20	1106	1516
30.0	2357	2370	1964	2339	2413	2377	1871	2421	20- 30	1353	2869
40.0	1057	1070	812.7	1048	1140	1012	735.2	1027	30- 40	1008	3877
50.0	526.0	495.1	521.8	505.5	558.6	465.6	465.5	451.8	40- 50	541.4	4418
60.0	275.3	265.2	302.5	272.1	318.7	239.2	249.4	228.3	50- 60	335.8	4754
70.0	79.51	86.59	97.47	95.89	99.45	63.40	53.06	55.90	60- 70	166.5	4920
80.0	32.21	27.21	20.03	29.51	31.67	22.33	18.14	20.26	70- 80	47.08	4968
90.0	15.97	10.33	4.693	10.19	15.52	10.15	8.934	10.15	80- 90	17.55	4985
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:07-10-2023

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

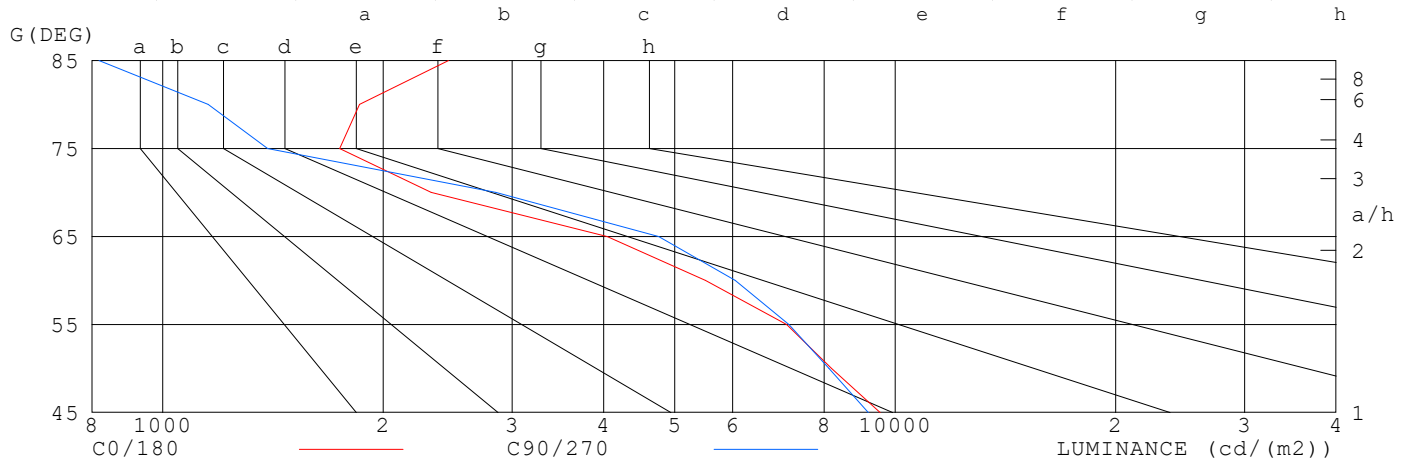
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	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	2454	818
80	1855	1154
75	1743	1391
70	2325	2850
65	4042	4758
60	5507	6050
55	7109	7162
50	8184	8118
45	9538	9193

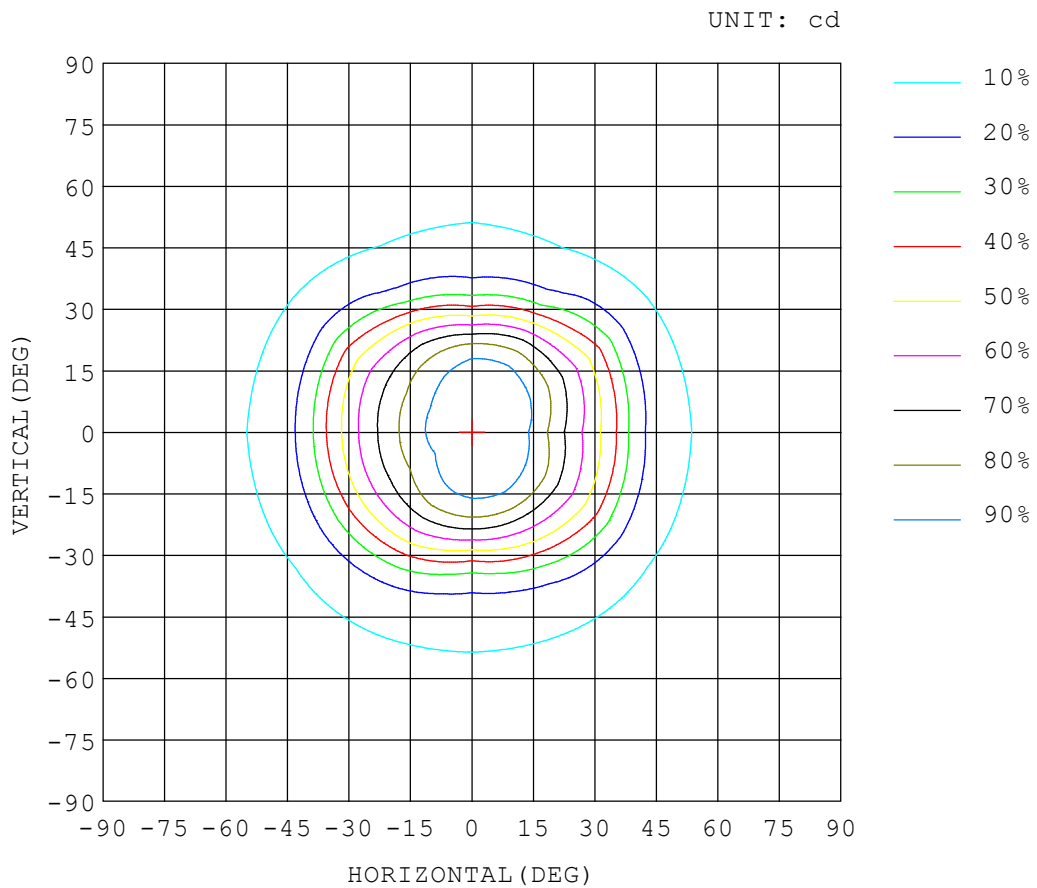
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



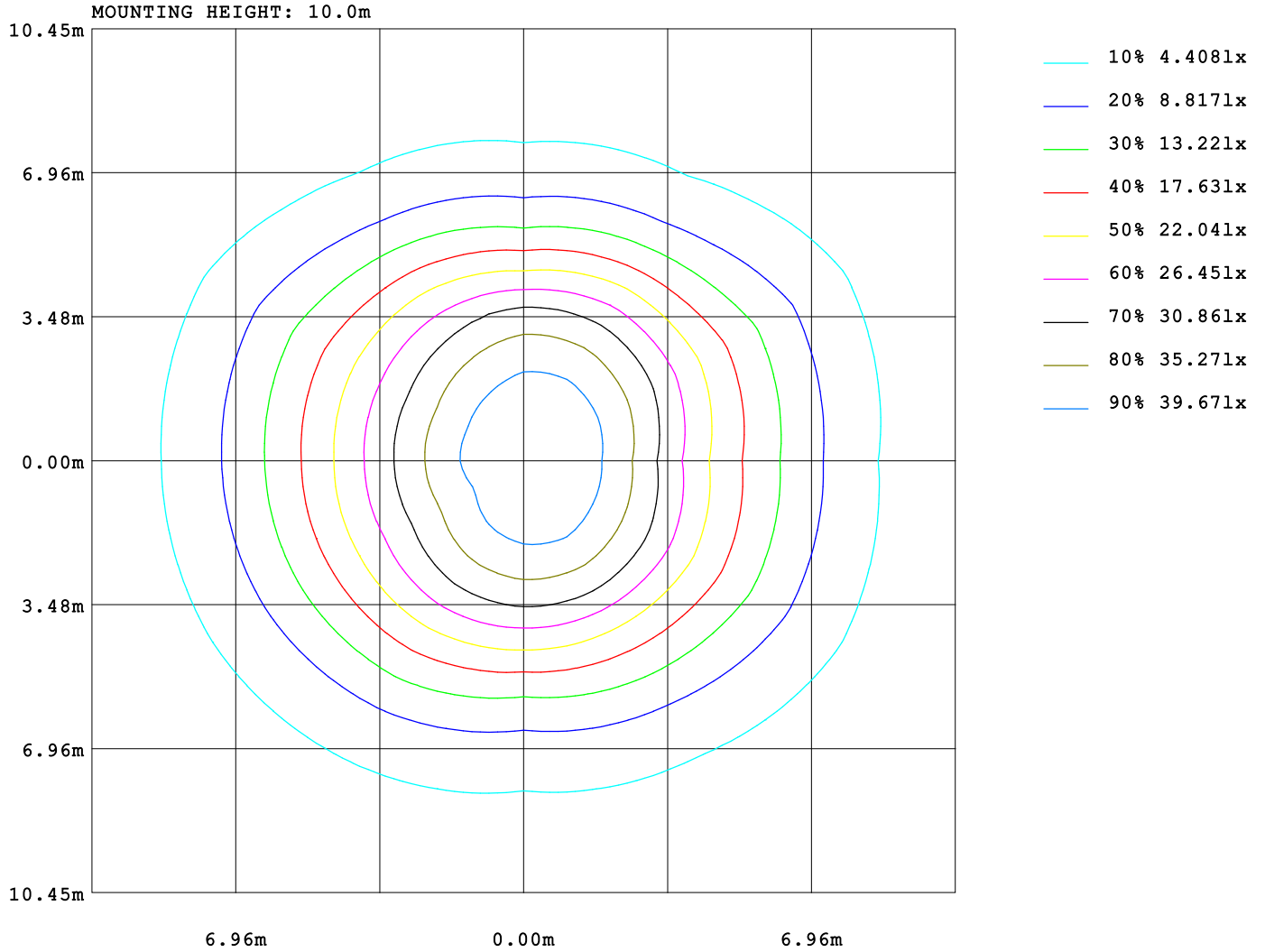
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	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	0.04	0.13	0.21	0.27	0.27	0.24	0.24	0.30	0.35	0.35	0.29	0.22	0.22	0.26	0.26	0.21	0.13	0.04	4.01	0.00	
80	0.05	0.15	0.29	0.44	0.52	0.55	0.63	0.81	0.95	0.94	0.78	0.58	0.51	0.48	0.41	0.28	0.15	0.05	8.56	0.00	
70	0.05	0.19	0.41	0.72	1.11	1.70	2.43	3.43	4.16	4.12	3.31	2.27	1.54	1.00	0.66	0.39	0.18	0.05	27.7	0.00	
60	0.05	0.23	0.56	1.40	2.99	4.86	6.66	8.83	10.4	10.3	8.66	6.42	4.60	2.75	1.25	0.53	0.22	0.05	70.8	1.36	
50	0.06	0.26	0.87	2.77	5.60	8.83	12.0	15.3	17.6	17.5	15.0	11.7	8.52	5.32	2.50	0.78	0.26	0.06	125	74.1	
40	0.06	0.30	1.38	4.28	8.39	14.3	22.4	30.9	36.3	35.9	29.9	22.2	14.0	8.07	3.91	1.19	0.30	0.06	234	208	
30	0.06	0.36	1.94	5.66	11.4	25.4	47.8	70.1	84.7	86.3	71.7	48.5	26.1	11.0	5.23	1.65	0.35	0.06	499	480	
20	0.06	0.41	2.41	6.80	14.6	38.2	71.0	98.7	119	124	105	73.6	38.8	14.1	6.31	2.04	0.39	0.07	716	701	
10	0.07	0.44	2.70	7.53	16.7	44.5	79.2	108	127	131	114	79.7	44.0	15.8	6.97	2.26	0.41	0.07	781	768	
0	0.07	0.44	2.70	7.52	16.5	43.6	78.2	107	126	131	113	78.5	43.3	15.7	6.98	2.26	0.41	0.07	773	760	
-10	0.06	0.41	2.40	6.77	14.3	35.7	67.9	96.7	117	120	101	70.6	37.1	13.9	6.34	2.03	0.38	0.06	693	678	
-20	0.06	0.35	1.94	5.63	11.2	23.8	46.9	70.8	84.3	84.1	70.0	48.2	25.0	11.0	5.26	1.65	0.34	0.06	491	473	
-30	0.06	0.29	1.37	4.24	8.38	14.7	24.7	35.8	40.5	39.9	34.5	24.5	14.7	8.26	3.91	1.18	0.29	0.06	258	233	
-40	0.05	0.25	0.85	2.75	5.84	9.88	14.2	18.1	20.0	19.8	17.7	13.9	9.73	5.65	2.51	0.76	0.25	0.05	143	105	
-50	0.05	0.21	0.52	1.42	3.46	6.02	8.67	10.9	12.2	12.2	10.8	8.56	5.86	3.25	1.27	0.49	0.20	0.05	86.2	14.0	
-60	0.05	0.17	0.36	0.70	1.48	2.82	4.25	5.32	5.97	5.94	5.21	4.07	2.63	1.35	0.63	0.34	0.16	0.05	41.5	0.00	
-70	0.04	0.13	0.24	0.41	0.67	1.00	1.32	1.46	1.48	1.46	1.41	1.25	0.94	0.62	0.37	0.22	0.13	0.04	13.2	0.00	
-80	0.04	0.11	0.16	0.22	0.32	0.43	0.48	0.43	0.35	0.34	0.41	0.45	0.41	0.30	0.21	0.15	0.11	0.04	4.94	0.00	
-90																					
Φ t	0.97	4.83	21.3	59.5	124	277	490	683	809	825	703	496	278	119	55.0	18.4	4.66	0.99	4985		
Φ a	0.00	0.00	0.00	12.4	86.4	243	457	652	779	795	672	463	244	81.0	8.00	0.00	0.00	0.00		4503	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

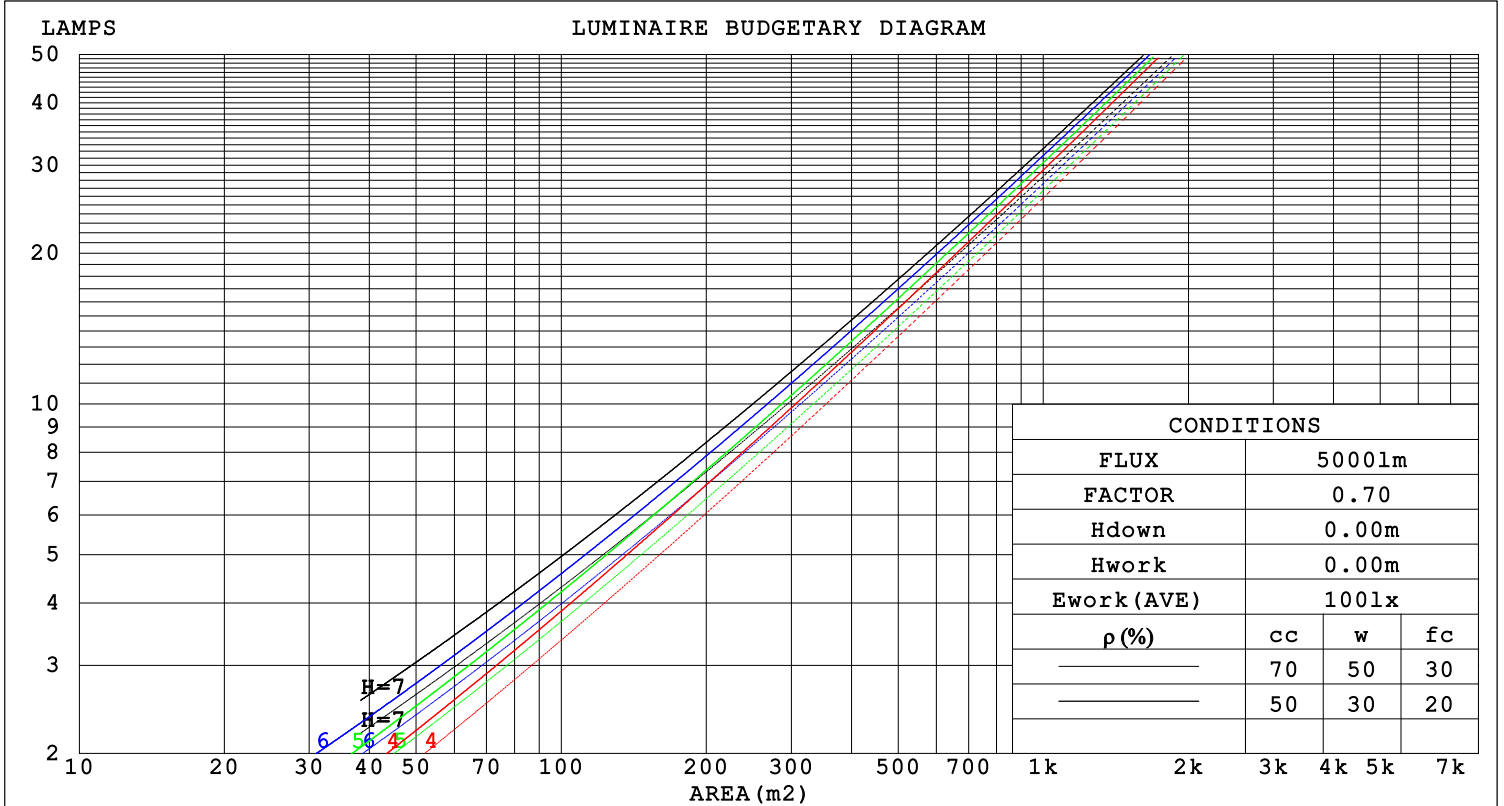
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	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	1.09	1.06	1.04	1.07	1.04	1.02	1.03	1.01	.99	.99	.97	.96	.96	.94	.93	.91
2.0	.00	.95	.91	.98	.94	.90	.95	.91	.88	.92	.89	.86	.89	.86	.84	.83
3.0	.92	.86	.81	.90	.85	.80	.87	.83	.79	.85	.81	.78	.83	.79	.77	.75
4.0	.84	.78	.73	.83	.77	.73	.81	.76	.72	.79	.74	.71	.77	.73	.70	.68
5.0	.78	.71	.66	.77	.71	.66	.75	.70	.65	.73	.69	.65	.72	.68	.64	.62
6.0	.72	.66	.61	.72	.65	.60	.70	.64	.60	.68	.63	.59	.67	.63	.59	.57
7.0	.67	.61	.56	.67	.60	.56	.65	.59	.55	.64	.59	.55	.63	.58	.55	.53
8.0	.63	.56	.52	.62	.56	.51	.61	.55	.51	.60	.55	.51	.59	.54	.51	.49
9.0	.59	.52	.48	.58	.52	.48	.57	.52	.48	.56	.51	.47	.56	.51	.47	.46
10.0	.55	.49	.45	.55	.49	.45	.54	.48	.44	.53	.48	.44	.52	.48	.44	.43



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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: 1031-1-2-3-2					TYPE: .5W 4K CRI90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*190*31					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	.210	.119	.038	.203	.116	.037	.190	.109	.035	.178	.103	.033	.167	.097	.031	
2.0	.202	.110	.034	.196	.108	.033	.185	.103	.032	.175	.098	.031	.166	.094	.030	
3.0	.192	.102	.031	.187	.100	.030	.177	.096	.029	.168	.092	.028	.160	.089	.027	
4.0	.181	.094	.028	.177	.093	.027	.169	.090	.027	.161	.087	.026	.154	.084	.025	
5.0	.172	.087	.025	.168	.086	.025	.161	.084	.025	.154	.081	.024	.148	.079	.024	
6.0	.162	.081	.023	.159	.080	.023	.153	.078	.023	.147	.076	.022	.141	.074	.022	
7.0	.154	.076	.022	.151	.075	.021	.145	.074	.021	.140	.072	.021	.135	.070	.021	
8.0	.146	.072	.020	.144	.071	.020	.139	.069	.020	.134	.068	.020	.129	.066	.019	
9.0	.139	.067	.019	.137	.067	.019	.132	.065	.019	.128	.064	.018	.124	.063	.018	
10.0	.133	.064	.018	.131	.063	.018	.126	.062	.017	.123	.061	.017	.119	.060	.017	

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	.173	.157	.142	.148	.135	.122	.101	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.160	.132	.109	.137	.114	.094	.094	.079	.066	.054	.046	.038	.017	.015	.013	
3.0	.149	.114	.085	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.140	.099	.068	.120	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.132	.088	.056	.113	.076	.049	.078	.053	.034	.045	.031	.020	.015	.010	.007	
6.0	.125	.079	.047	.107	.069	.040	.074	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.119	.072	.039	.102	.062	.034	.070	.044	.024	.041	.026	.014	.013	.008	.005	
8.0	.113	.066	.034	.097	.057	.029	.067	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.107	.061	.029	.093	.053	.026	.064	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.103	.056	.026	.088	.049	.022	.061	.035	.016	.036	.020	.010	.012	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	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	17.6	18.7	17.8	18.9	19.1	17.3	18.4	17.5	18.5	18.7
	3H	17.7	18.7	17.9	18.9	19.1	17.5	18.6	17.8	18.8	19.0
	4H	17.6	18.6	17.9	18.8	19.1	17.5	18.5	17.8	18.7	18.9
	6H	17.6	18.5	17.9	18.8	19.0	17.5	18.4	17.8	18.6	18.9
	8H	17.6	18.5	17.9	18.8	19.0	17.4	18.3	17.7	18.6	18.8
	12H	17.6	18.5	17.9	18.7	19.0	17.4	18.2	17.7	18.5	18.8
4H	2H	17.7	18.6	18.0	18.9	19.1	17.4	18.4	17.7	18.6	18.8
	3H	17.8	18.6	18.1	18.9	19.2	17.7	18.6	18.1	18.8	19.1
	4H	17.8	18.5	18.1	18.8	19.2	17.7	18.5	18.1	18.8	19.1
	6H	17.8	18.5	18.2	18.8	19.2	17.7	18.4	18.1	18.7	19.1
	8H	17.8	18.4	18.2	18.8	19.2	17.7	18.3	18.1	18.7	19.0
	12H	17.8	18.4	18.3	18.8	19.2	17.7	18.2	18.1	18.6	19.0
8H	4H	17.7	18.3	18.1	18.7	19.1	17.7	18.3	18.1	18.6	19.0
	6H	17.8	18.3	18.2	18.7	19.1	17.7	18.2	18.1	18.6	19.0
	8H	17.8	18.2	18.2	18.7	19.1	17.7	18.1	18.1	18.5	19.0
	12H	17.8	18.2	18.3	18.7	19.1	17.7	18.1	18.1	18.5	19.0
12H	4H	17.7	18.2	18.1	18.6	19.0	17.6	18.2	18.0	18.6	19.0
	6H	17.7	18.2	18.2	18.6	19.0	17.7	18.1	18.1	18.5	19.0
	8H	17.8	18.1	18.2	18.6	19.1	17.7	18.0	18.1	18.5	19.0

Variations with the observer position at spacings:		
S = 1.0H	+ 1.2 / - 1.5	+ 0.7 / - 0.8
1.5H	+ 1.8 / - 1.3	+ 0.7 / - 0.6
2.0H	+ 1.4 / - 1.8	+ 1.0 / - 1.2

CIE Pub.117 Corrected 4985 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.6)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	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	77	69	65	77	69	64	76	69	64	60
0.80	86	78	74	85	78	73	84	77	73	68
1.00	92	85	80	91	85	80	90	85	79	75
1.25	97	91	86	96	90	86	94	89	85	80
1.50	101	95	90	100	94	90	97	92	89	83
2.00	105	100	96	103	99	95	100	96	93	87
2.50	107	102	99	105	101	98	102	99	96	89
3.00	109	105	102	107	104	100	104	101	98	91
4.00	112	108	105	110	107	104	106	103	101	94
5.00	113	110	108	111	108	106	107	105	103	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

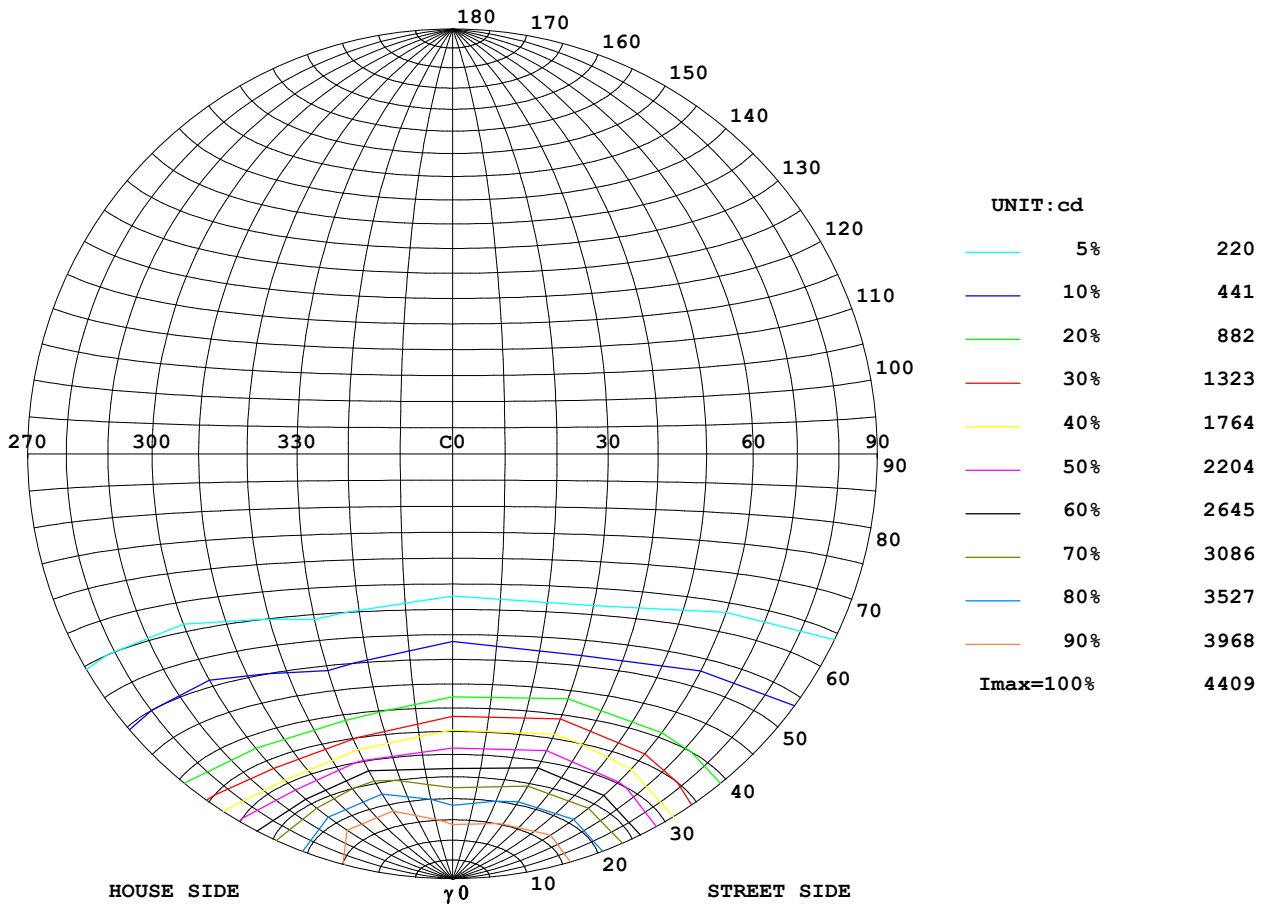
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

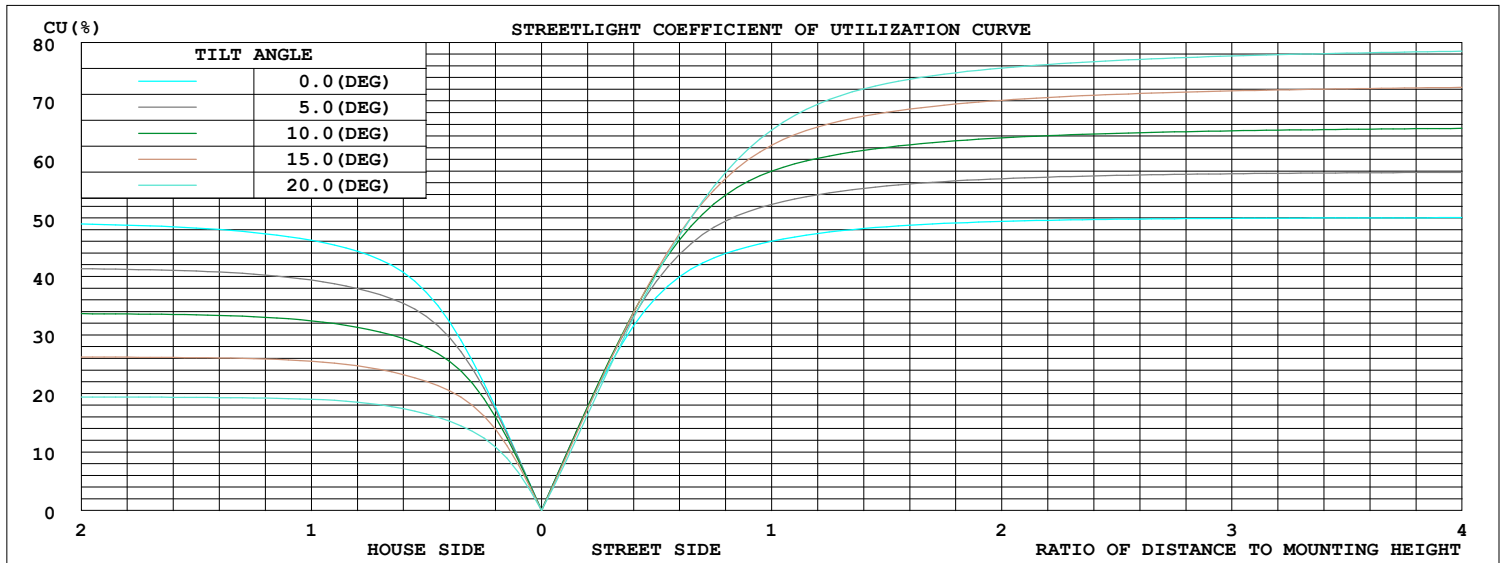
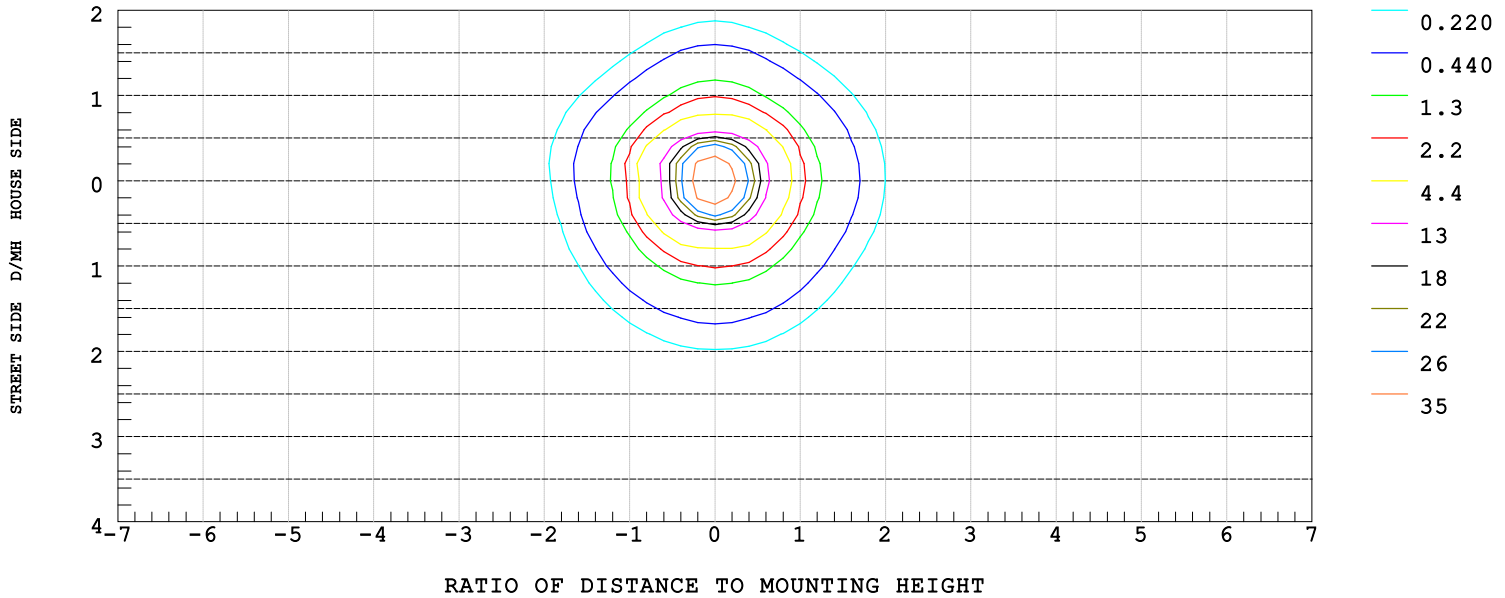
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 44.09 lx



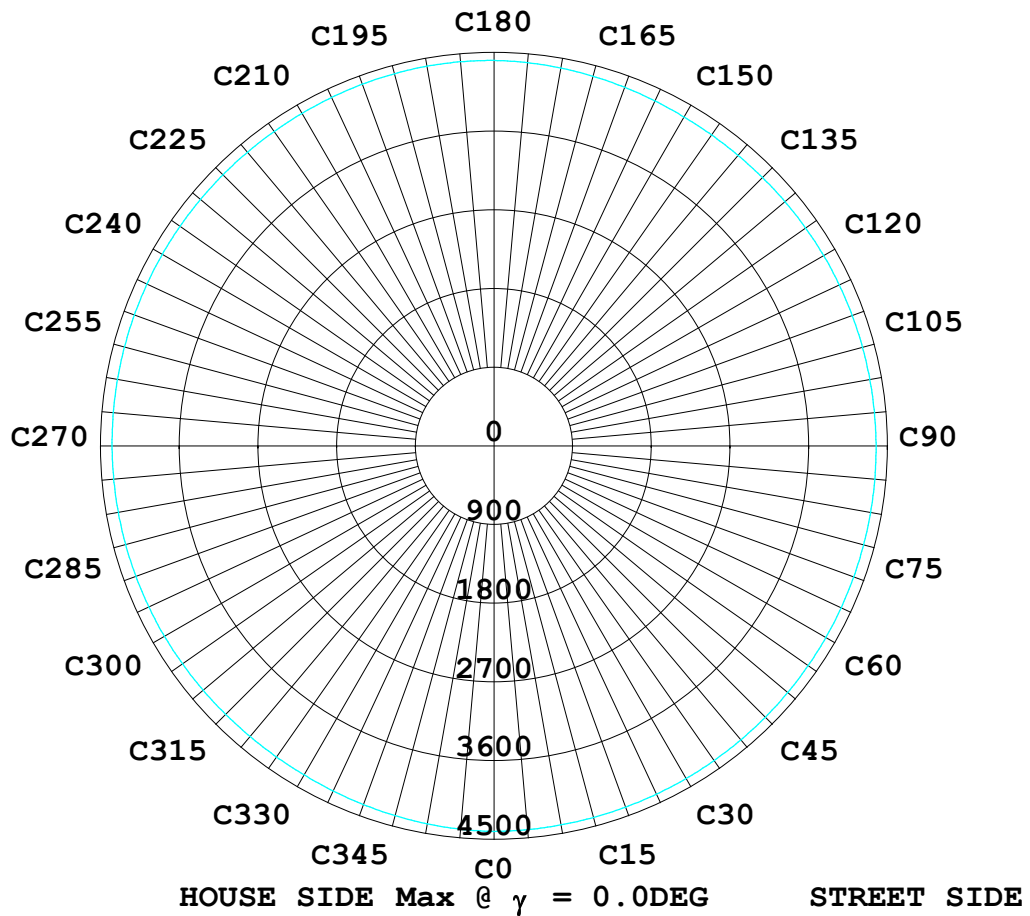
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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: 1031-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	4409	4393	4383	4369	4354	4345	4409	4393	4383	4369	4354	4345
5.0	4400	4398	4396	4348	4279	4200	4282	4281	4308	4350	4378	4395
10.0	4232	4265	4329	4270	4149	3987	4049	4069	4170	4302	4340	4310
15.0	3884	3982	4102	4061	3917	3706	3737	3772	3953	4171	4199	4074
20.0	3359	3611	3665	3634	3556	3345	3353	3424	3605	3825	3863	3693
25.0	2812	3012	2923	2868	2953	2903	2903	2991	3026	2871	3188	3160
30.0	2357	2495	2246	1964	2306	2372	2413	2523	2231	1871	2238	2604
35.0	1799	1882	1483	1210	1553	1740	1833	1932	1365	1043	1297	2003
40.0	1057	1208	933	813	980	1116	1140	1237	786	735	751	1303
45.0	674	715	652	650	670	697	723	728	561	586	545	727
50.0	526	485	505	522	516	495	559	504	428	466	416	488
55.0	408	374	391	411	399	373	438	376	309	356	298	362
60.0	275	252	279	303	279	265	319	268	210	249	202	255
65.0	171	160	191	201	198	171	210	173	122	136	113	159
70.0	79.5	71.2	102	97.4	111	81.1	99.4	81.2	45.5	53.0	40.8	70.9
75.0	45.1	35.1	48.0	36.0	50.5	38.3	41.9	44.0	23.3	29.8	21.7	40.7
80.0	32.2	23.4	30.9	20.0	32.8	26.1	31.6	31.0	13.6	18.1	12.2	28.2
85.0	21.3	12.5	16.9	7.12	18.1	14.2	20.7	19.4	6.76	11.0	6.22	18.1
90.0	15.9	9.47	11.1	4.69	11.2	9.11	15.5	13.8	6.49	8.93	6.40	13.8

Test System:HOPOO HPG1800
 Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
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