

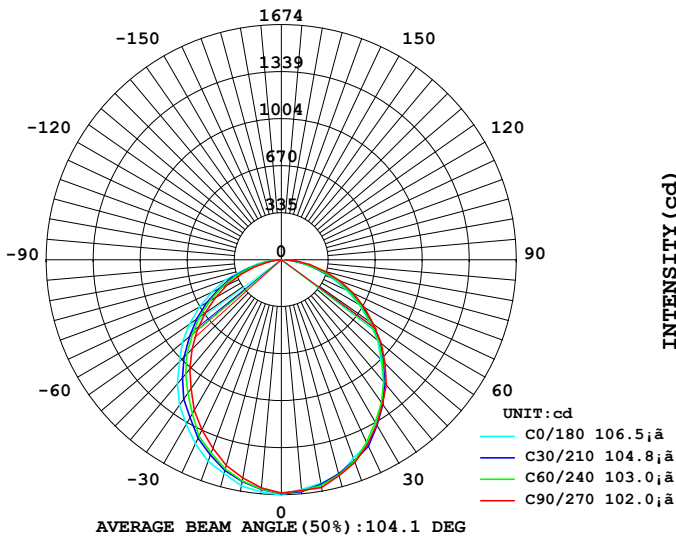
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

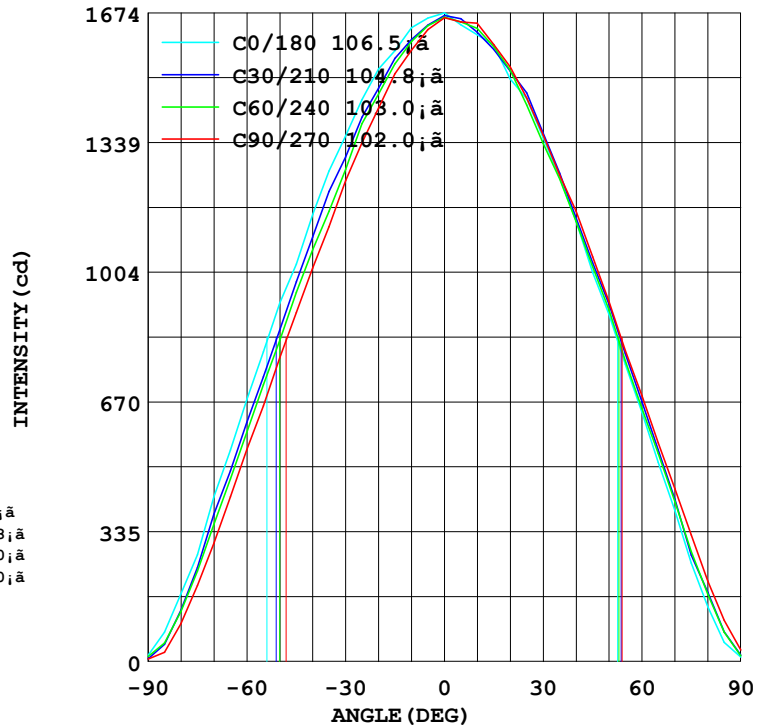
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	SERIAL No.:

DATA OF LAMP		Imax (cd)	1674	S/MH (C0/180)	1.21
MODEL	1004-1-2-5-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.13
NOMINAL POWER (W)	31	TOTAL FLUX (lm)	4321.1	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	139.8	Current (A)	0.146
NOMINAL FLUX (lm)	4321.1	η up (%)	0.0	Power (W)	30.90
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	219.4	Effective Flux (lm)	4220.4	EET	0.100

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-30-2023

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	SERIAL No.:

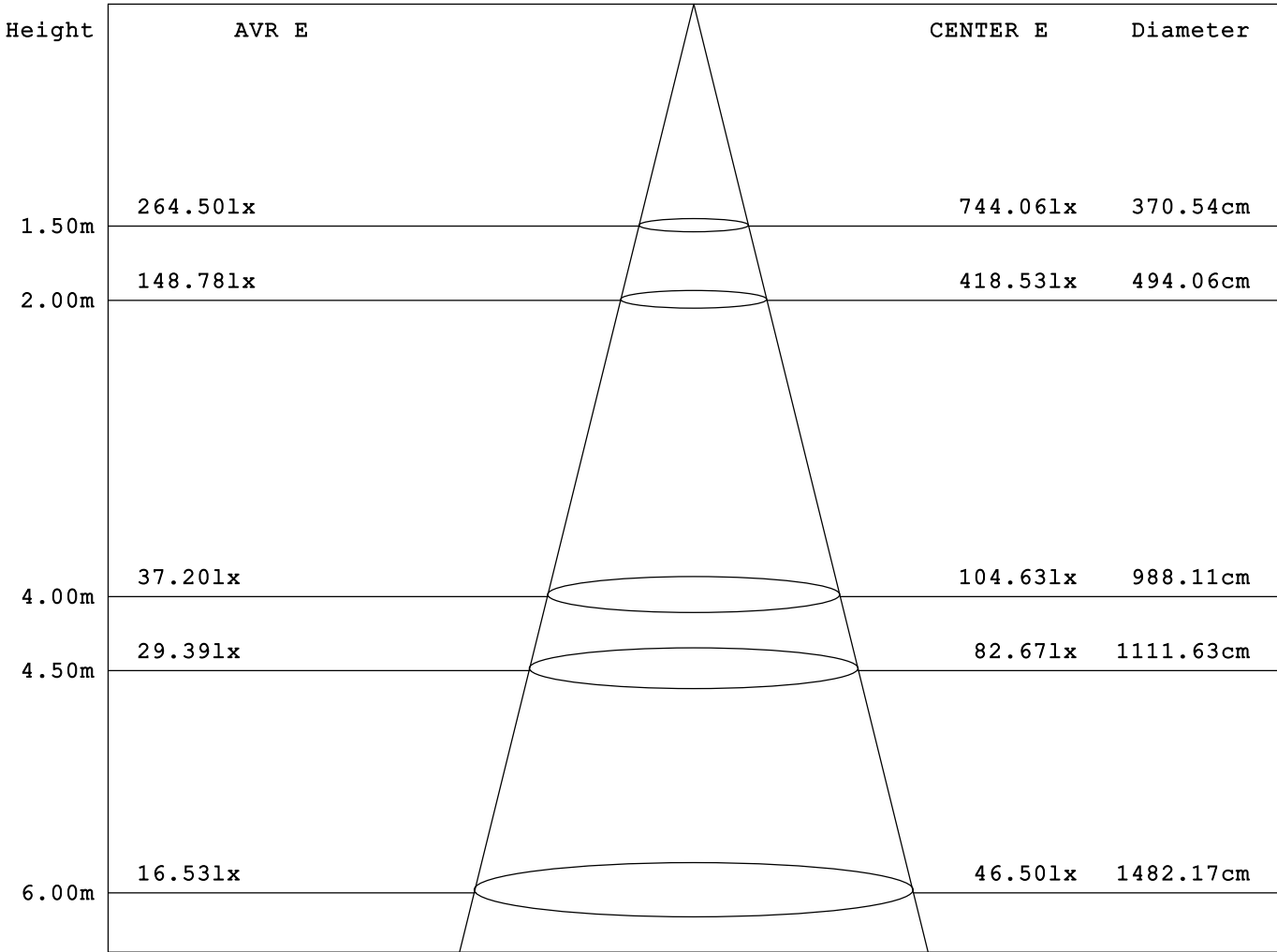
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-30-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	SERIAL No.:



Angle:102.0deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-30-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1636	1603	1578	1582	1618	1629	1647	1638	0- 10	156.0	156.0
20.0	1529	1473	1429	1451	1504	1525	1535	1533	10- 20	440.7	596.7
30.0	1357	1286	1241	1254	1353	1351	1359	1369	20- 30	652.2	1249
40.0	1153	1079	1016	1035	1137	1141	1163	1165	30- 40	762.4	2011
50.0	924.6	841.7	783.0	802.1	896.0	914.5	928.4	932.7	40- 50	766.2	2778
60.0	675.5	603.7	546.7	567.0	643.3	661.7	685.8	694.1	50- 60	675.3	3453
70.0	424.3	365.9	304.0	321.5	389.0	415.6	445.2	450.4	60- 70	505.9	3959
80.0	173.5	130.3	96.65	100.2	140.9	175.4	206.4	207.5	70- 80	281.4	4240
90.0	15.70	9.972	6.588	9.792	11.55	15.43	29.51	28.56	80- 90	80.63	4321
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:05-30-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

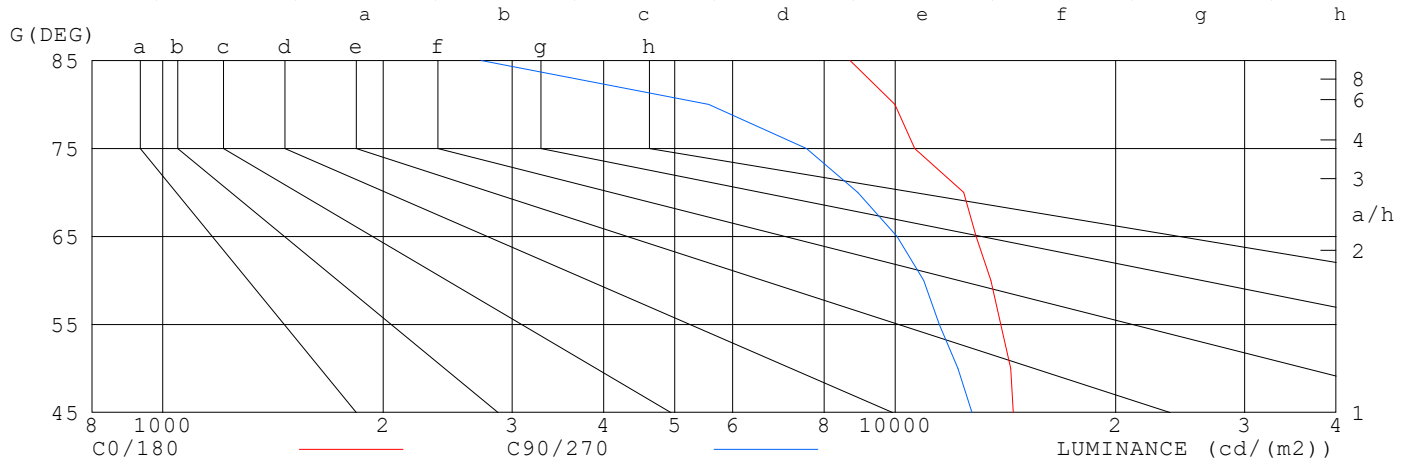
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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	8678	2723
80	9994	5566
75	10639	7567
70	12407	8890
65	12909	10062
60	13510	10935
55	13936	11491
50	14384	12181
45	14503	12736

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-30-2023

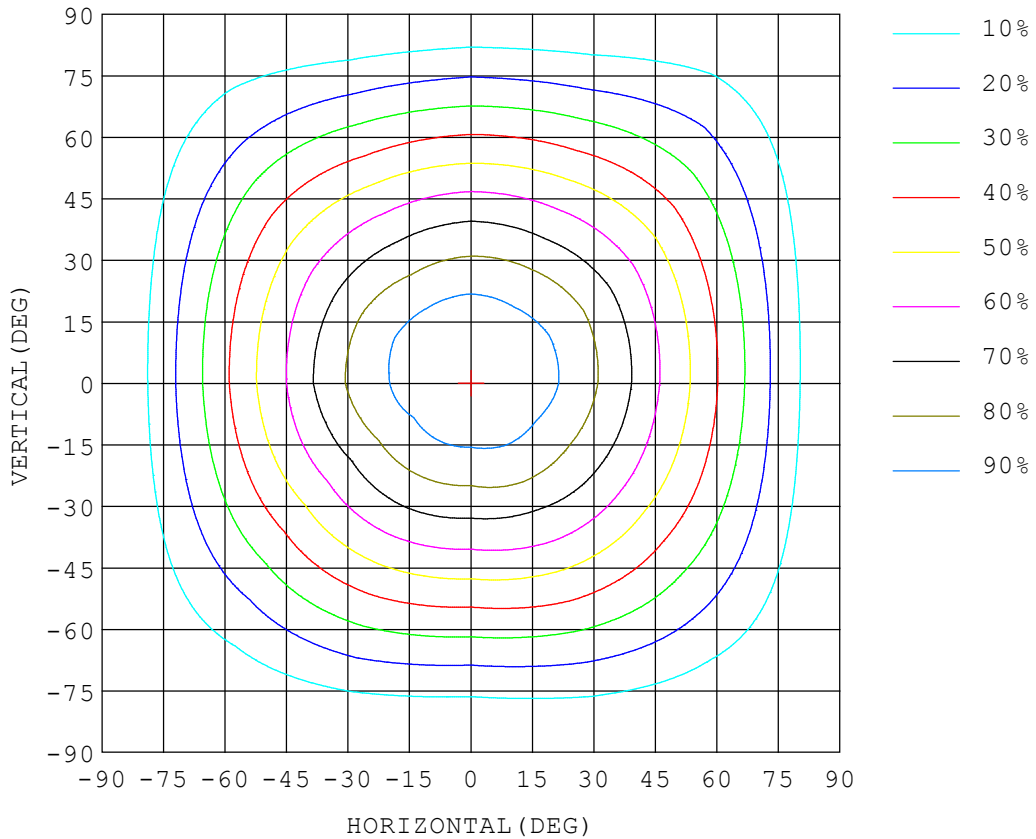
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	SERIAL No.:

UNIT: cd



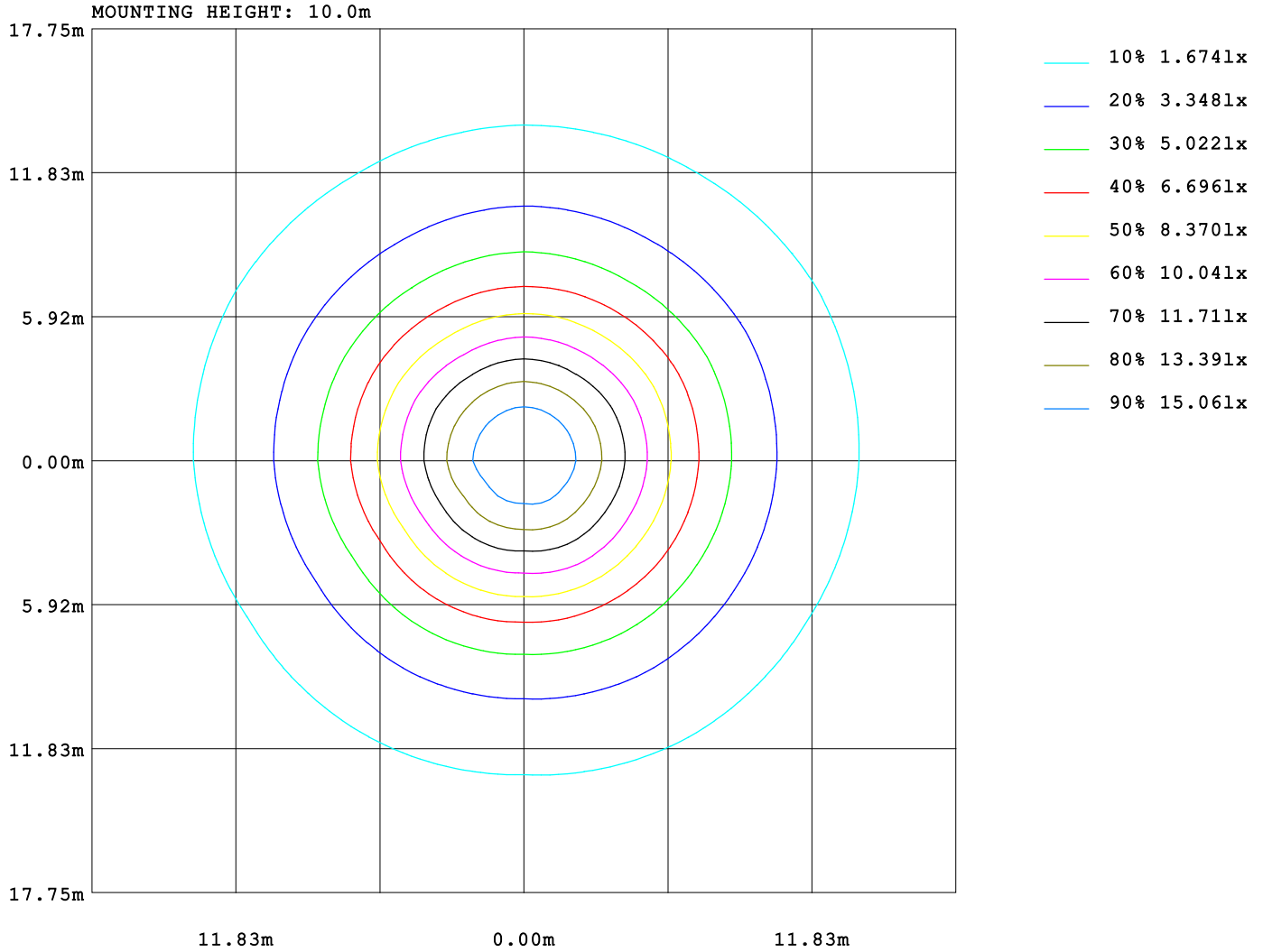
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-30-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-30-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	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	0.05	0.21	0.51	0.89	1.30	1.72	2.22	2.79	3.24	3.33	3.05	2.62	2.21	1.80	1.34	0.81	0.34	0.07	28.5	3.44		
80	0.07	0.42	1.27	2.58	4.03	5.56	7.14	8.63	9.63	9.76	8.98	7.69	6.28	4.80	3.25	1.73	0.64	0.11	82.6	73.6		
70	0.10	0.72	2.28	4.55	7.42	10.4	13.1	15.4	16.8	16.9	15.8	13.7	11.2	8.35	5.52	2.83	0.98	0.15	147	144		
60	0.12	1.06	3.27	6.88	11.0	15.2	18.9	22.1	24.0	24.2	22.6	19.6	16.0	11.9	7.73	3.92	1.34	0.18	211	209		
50	0.15	1.37	4.36	9.00	14.3	19.8	24.8	28.8	31.2	31.4	29.1	25.3	20.5	15.1	9.76	4.93	1.66	0.22	272	271		
40	0.18	1.65	5.31	10.7	17.2	23.9	30.0	34.8	37.7	37.9	35.3	30.6	24.6	18.0	11.4	5.83	1.94	0.25	328	327		
30	0.20	1.89	6.02	12.1	19.5	27.3	34.5	40.0	43.4	43.5	40.5	35.3	28.1	20.2	12.7	6.51	2.16	0.27	375	374		
	0.22	2.06	6.49	13.0	21.0	29.7	38.0	44.2	47.7	47.7	44.4	38.4	30.4	21.6	13.6	6.95	2.31	0.29	408	408		
	0.22	2.14	6.70	13.4	21.7	30.9	39.6	46.0	49.6	49.7	46.2	39.7	31.4	22.2	14.0	7.13	2.37	0.30	424	423		
	0.22	2.10	6.59	13.2	21.3	30.3	38.6	45.0	48.6	49.1	45.5	39.1	30.9	21.9	13.8	7.04	2.33	0.29	416	416		
	0.21	1.97	6.17	12.3	19.8	27.9	35.5	41.8	45.4	45.8	42.7	36.5	29.0	20.7	13.0	6.67	2.20	0.28	389	388		
-30	0.18	1.74	5.51	11.0	17.6	24.7	31.7	37.3	40.3	40.6	38.0	32.8	26.0	18.6	11.8	6.06	1.99	0.25	347	346		
-40	0.16	1.46	4.65	9.37	15.0	21.2	27.1	31.7	33.9	34.1	32.2	28.2	22.4	16.0	10.2	5.24	1.71	0.22	295	294		
-50	0.13	1.14	3.62	7.37	12.1	17.2	21.9	25.4	27.1	27.4	26.0	22.8	18.2	13.1	8.32	4.20	1.40	0.19	238	237		
-60	0.10	0.80	2.53	5.25	8.91	12.8	16.4	18.8	20.0	20.2	19.3	17.1	13.7	9.94	6.23	3.04	1.05	0.15	177	174		
-70	0.08	0.47	1.46	3.14	5.57	8.23	10.5	12.1	12.9	13.0	12.5	11.2	9.07	6.47	3.89	1.94	0.70	0.12	114	108		
-80	0.06	0.24	0.59	1.30	2.47	3.80	4.98	5.72	6.04	6.15	6.06	5.50	4.43	3.12	1.87	0.96	0.40	0.09	53.8	33.0		
-90	0.04	0.12	0.19	0.29	0.54	0.86	1.09	1.18	1.17	1.24	1.35	1.35	1.15	0.82	0.51	0.33	0.19	0.05	12.5	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90					
Φ t	2.46	21.6	67.6	137	221	312	397	462	499	503	470	408	326	235	149	76.2	25.7	3.47	4321			
Φ a	0.00	15.2	62.4	132	216	307	392	457	494	498	465	403	321	230	144	71.2	20.0	0.00		4220		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-30-2023

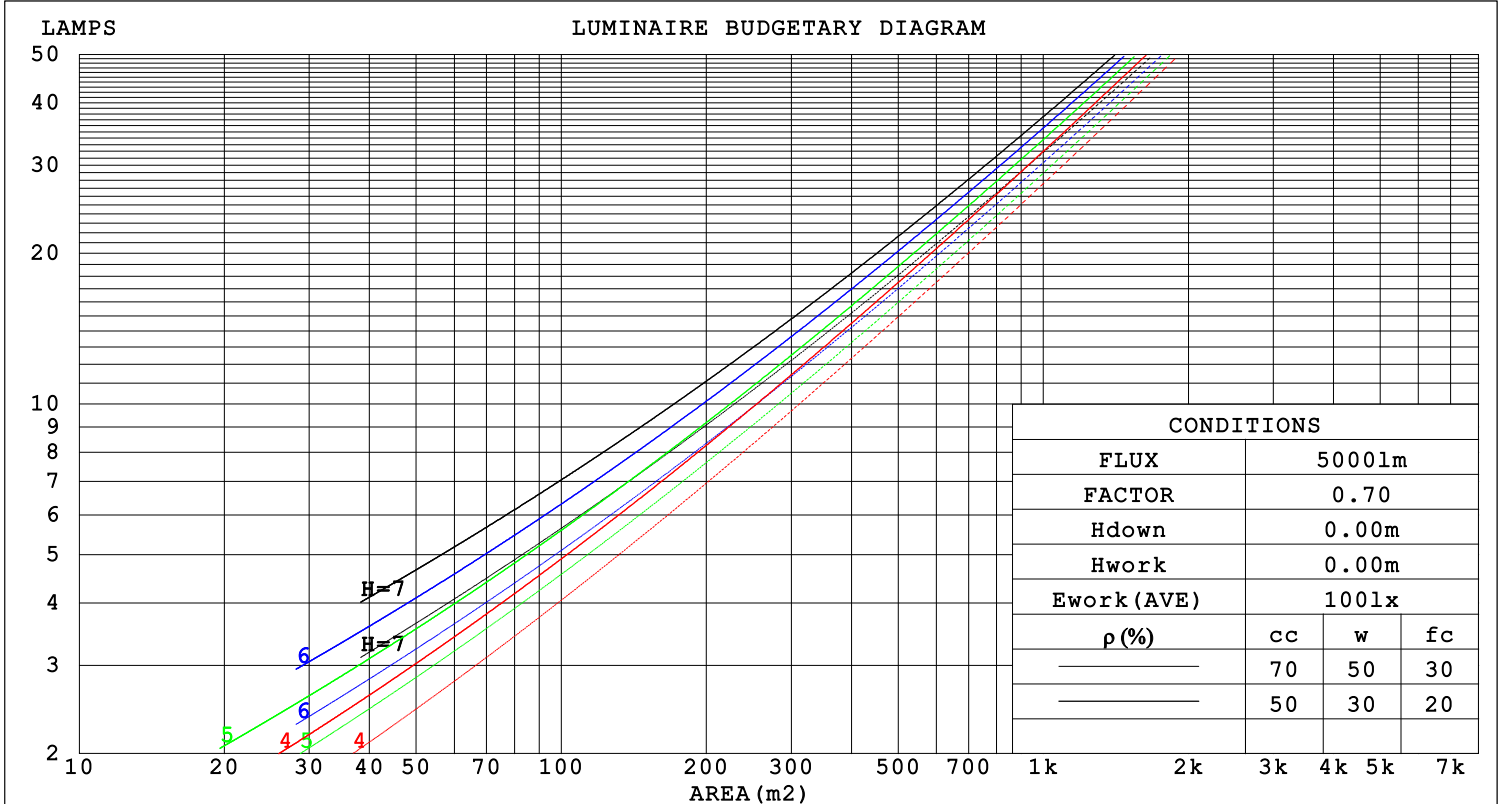
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	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	.00	.96	1.02	.98	.95	.98	.94	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.86	.80	.76	.82	.78	.74	.79	.76	.72	.70
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.59
4.0	.71	.62	.56	.70	.62	.55	.67	.60	.55	.65	.59	.54	.63	.57	.53	.51
5.0	.64	.55	.48	.63	.54	.48	.60	.53	.47	.58	.52	.47	.57	.51	.46	.44
6.0	.57	.49	.42	.56	.48	.42	.55	.47	.42	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.50	.42	.37	.48	.42	.37	.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	.30	.28
10.0	.40	.33	.27	.40	.32	.27	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-30-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005														
NAME: 1004-1-2-5-2					TYPE: .5w 57K CRI 90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*75*85					SERIAL No.:				

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.304	.173	.055	.297	.169	.054	.284	.163	.052	.271	.157	.050	.260	.151	.049	
2.0	.286	.157	.048	.280	.154	.048	.268	.149	.046	.258	.145	.045	.248	.140	.044	
3.0	.265	.141	.042	.260	.139	.042	.249	.135	.041	.240	.131	.040	.231	.128	.040	
4.0	.245	.127	.037	.240	.126	.037	.231	.123	.037	.223	.120	.036	.215	.117	.036	
5.0	.227	.116	.033	.223	.114	.033	.214	.112	.033	.207	.109	.032	.200	.107	.032	
6.0	.211	.106	.030	.207	.104	.030	.200	.102	.030	.193	.100	.029	.187	.098	.029	
7.0	.196	.097	.027	.193	.096	.027	.186	.094	.027	.180	.092	.027	.175	.091	.027	
8.0	.183	.090	.025	.180	.089	.025	.175	.087	.025	.169	.086	.025	.164	.084	.025	
9.0	.172	.083	.023	.169	.083	.023	.164	.081	.023	.159	.080	.023	.155	.079	.023	
10.0	.162	.078	.022	.159	.077	.021	.155	.076	.021	.150	.075	.021	.146	.074	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.080	.061	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.147	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.140	.099	.065	.096	.068	.046	.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	.148	.090	.048	.127	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.134	.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:05-30-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	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	21.8	23.3	22.0	23.5	23.7	21.1	22.6	21.4	22.8	23.0
	3H	23.3	24.7	23.6	24.9	25.2	22.3	23.7	22.6	23.9	24.2
	4H	23.8	25.1	24.1	25.4	25.6	22.7	24.0	23.0	24.3	24.6
	6H	24.2	25.4	24.5	25.7	26.0	22.9	24.1	23.2	24.4	24.7
	8H	24.3	25.5	24.6	25.8	26.0	22.9	24.1	23.2	24.4	24.6
	12H	24.3	25.5	24.7	25.8	26.1	22.8	24.0	23.2	24.3	24.6
4H	2H	22.3	23.6	22.6	23.8	24.1	21.8	23.1	22.1	23.3	23.6
	3H	23.9	25.1	24.3	25.4	25.7	23.2	24.3	23.5	24.6	24.9
	4H	24.6	25.6	24.9	25.9	26.3	23.7	24.7	24.0	25.0	25.4
	6H	25.0	26.0	25.4	26.3	26.7	23.9	24.9	24.3	25.2	25.6
	8H	25.1	26.0	25.6	26.4	26.8	23.9	24.8	24.3	25.2	25.5
	12H	25.2	26.0	25.7	26.4	26.8	23.9	24.7	24.3	25.1	25.5
8H	4H	24.7	25.6	25.1	26.0	26.3	23.9	24.8	24.3	25.1	25.5
	6H	25.3	26.0	25.7	26.4	26.8	24.3	25.0	24.7	25.4	25.8
	8H	25.4	26.1	25.9	26.5	26.9	24.3	24.9	24.8	25.4	25.8
	12H	25.6	26.1	26.0	26.6	27.0	24.3	24.9	24.8	25.3	25.8
12H	4H	24.7	25.5	25.1	25.9	26.3	23.9	24.7	24.3	25.1	25.5
	6H	25.3	25.9	25.7	26.3	26.8	24.3	24.9	24.7	25.4	25.8
	8H	25.4	26.0	25.9	26.4	26.9	24.3	24.9	24.8	25.3	25.8

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

CIE Pub.117 Corrected 4321 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.1)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-30-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	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	47	40	34
0.80	69	57	50	68	57	50	66	56	49	43
1.00	77	66	59	76	65	59	74	67	58	51
1.25	84	74	67	83	73	66	80	72	65	58
1.50	89	79	72	87	78	72	84	77	71	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	99	92	86	97	90	85	94	88	83	75
3.00	103	96	91	101	94	89	96	91	87	79
4.00	107	101	96	104	99	95	100	96	92	84
5.00	109	104	100	106	102	99	102	99	96	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

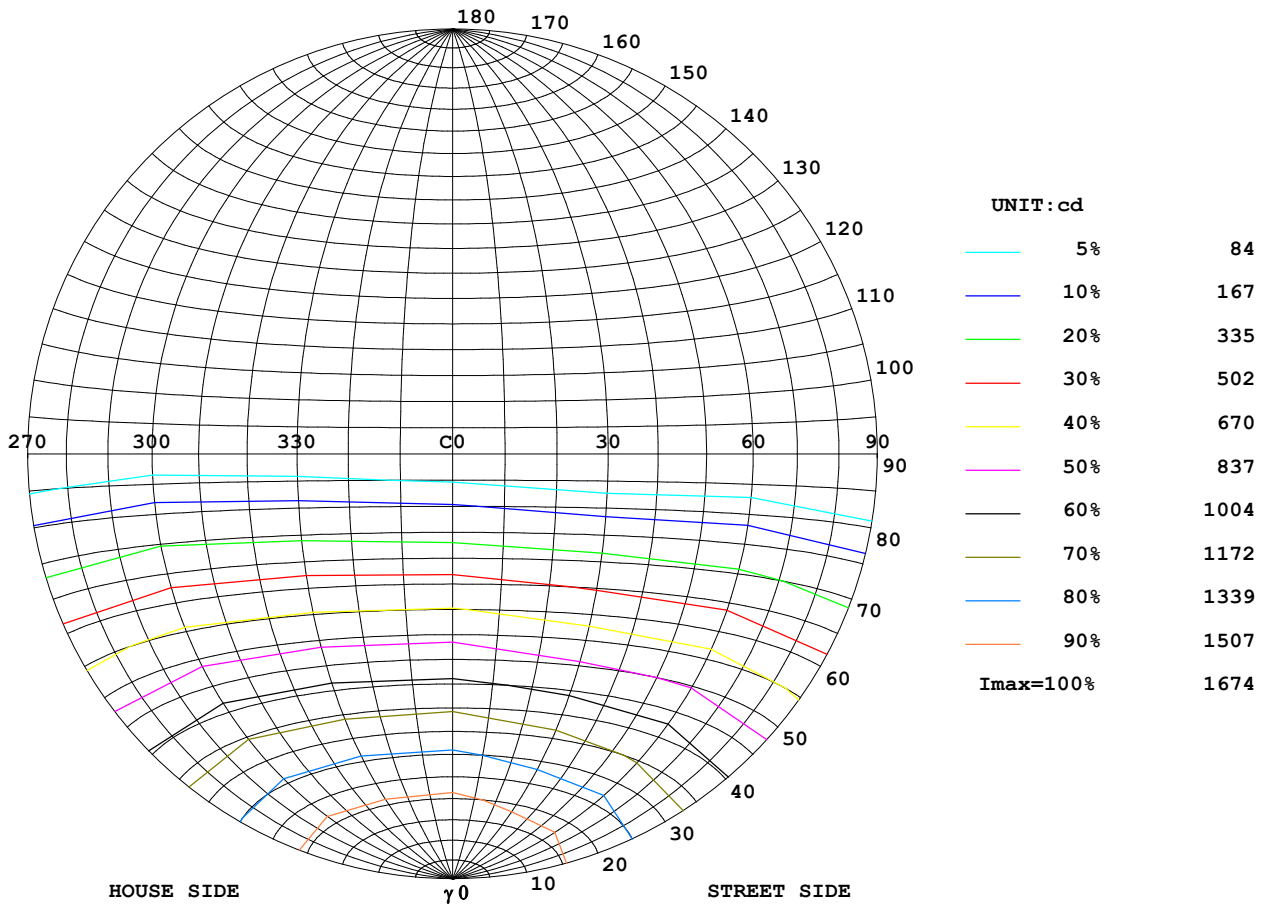
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-30-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-30-2023

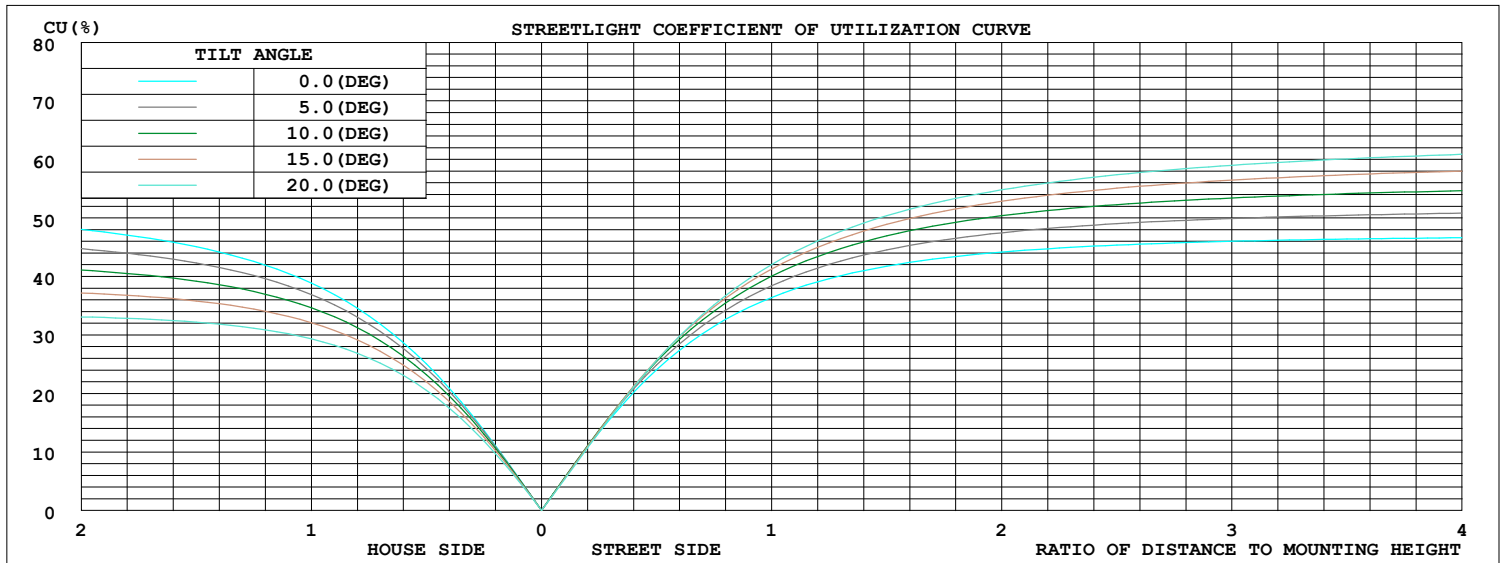
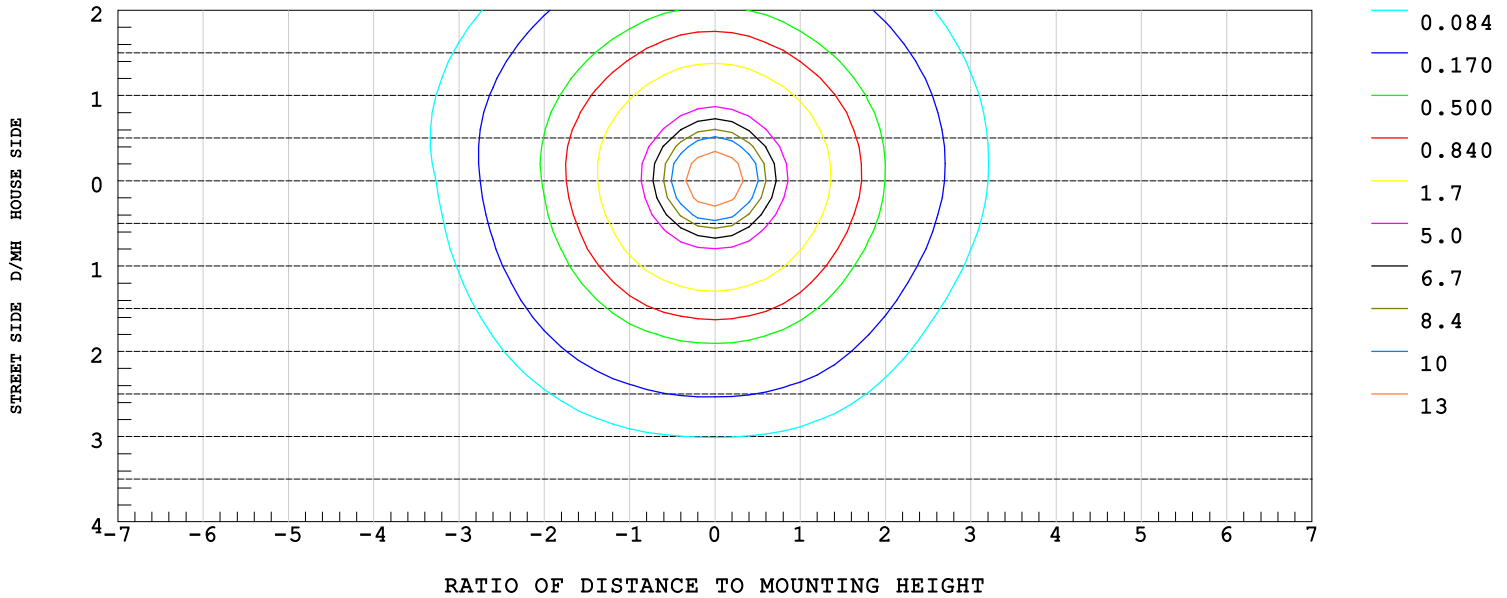
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 16.74 lx



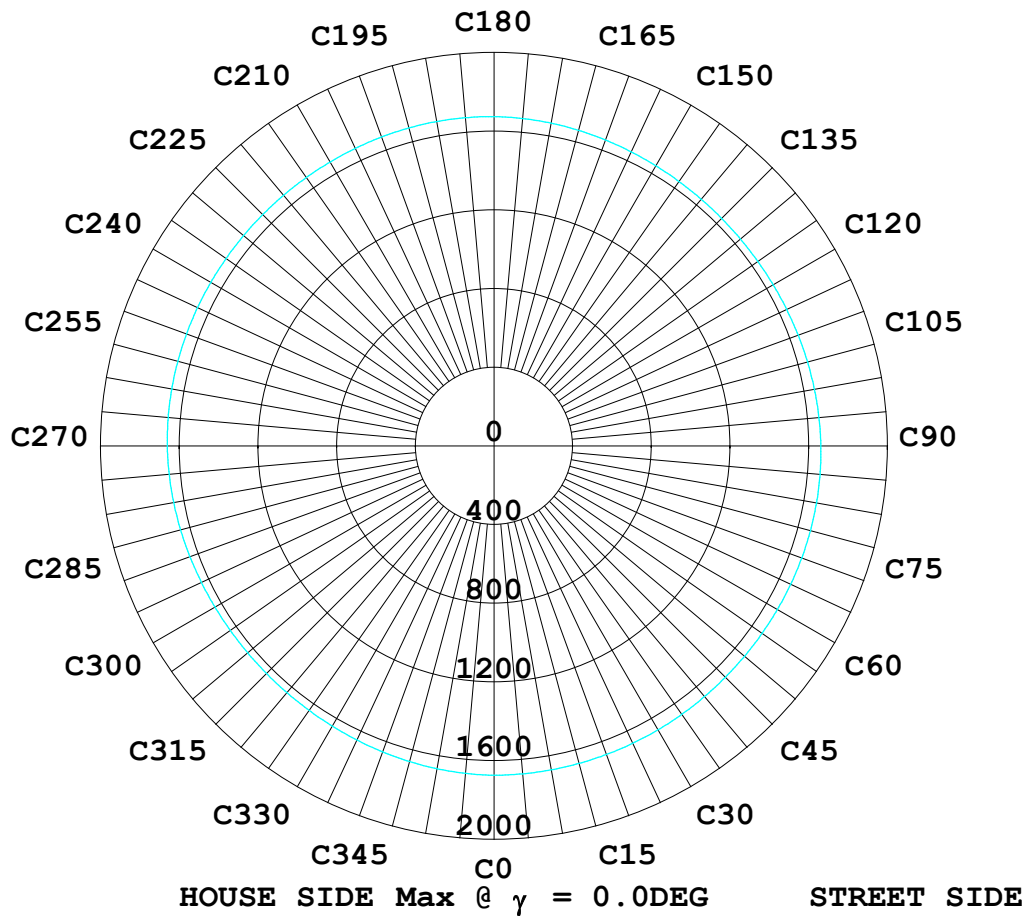
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-30-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-30-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1004-1-2-5-2	TYPE: .5w 57K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*75*85	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1674	1667	1663	1661	1639	1645	1674	1667	1663	1661	1639	1645
5.0	1660	1643	1640	1631	1629	1624	1643	1659	1651	1650	1652	1638
10.0	1636	1605	1600	1578	1584	1581	1618	1624	1634	1647	1639	1636
15.0	1577	1556	1543	1517	1522	1523	1591	1579	1586	1592	1590	1584
20.0	1529	1480	1465	1429	1445	1457	1504	1524	1527	1535	1527	1539
25.0	1450	1405	1388	1338	1352	1367	1453	1468	1436	1454	1447	1467
30.0	1357	1302	1270	1241	1250	1259	1353	1364	1338	1359	1360	1378
35.0	1265	1213	1162	1122	1148	1156	1248	1260	1245	1255	1271	1294
40.0	1153	1095	1062	1016	1032	1039	1137	1146	1136	1163	1149	1180
45.0	1026	980	953	901	918	922	1004	1028	1019	1044	1041	1062
50.0	925	855	828	783	799	805	896	922	907	928	917	948
55.0	799	734	714	659	681	683	767	794	776	803	807	834
60.0	676	616	591	547	570	564	643	670	653	686	679	709
65.0	546	492	471	425	443	438	513	545	537	563	561	591
70.0	424	379	353	304	329	314	389	419	413	445	438	463
75.0	275	242	233	196	211	197	254	275	284	327	308	344
80.0	174	132	129	96.6	108	92.5	141	178	173	206	195	220
85.0	75.6	43.8	47.2	23.7	33.5	19.4	48.8	76.5	75.5	106	95.1	113
90.0	15.7	6.94	12.9	6.58	12.7	6.85	11.5	16.1	14.7	29.5	25.0	32.0

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