

LUMINAIRE PHOTOMETRIC TEST REPORT

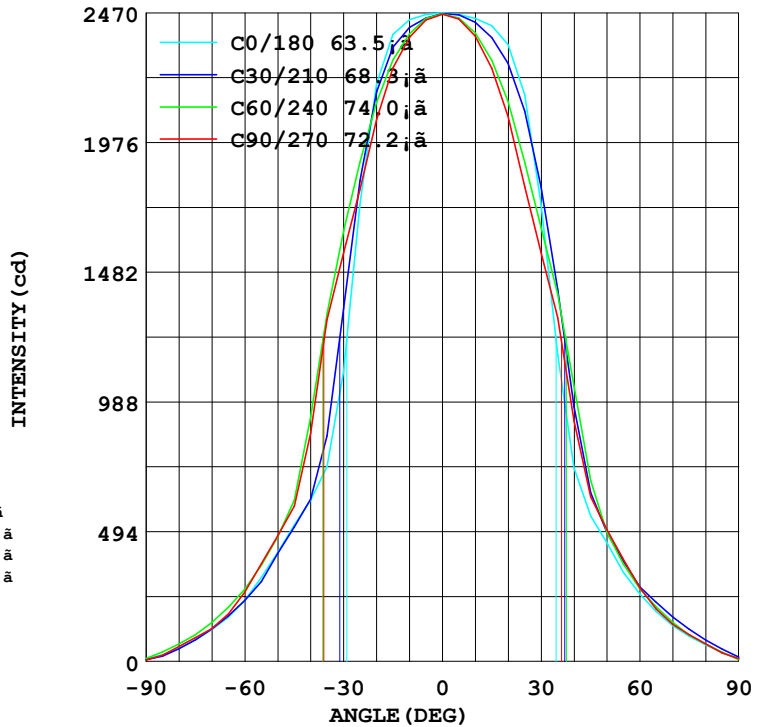
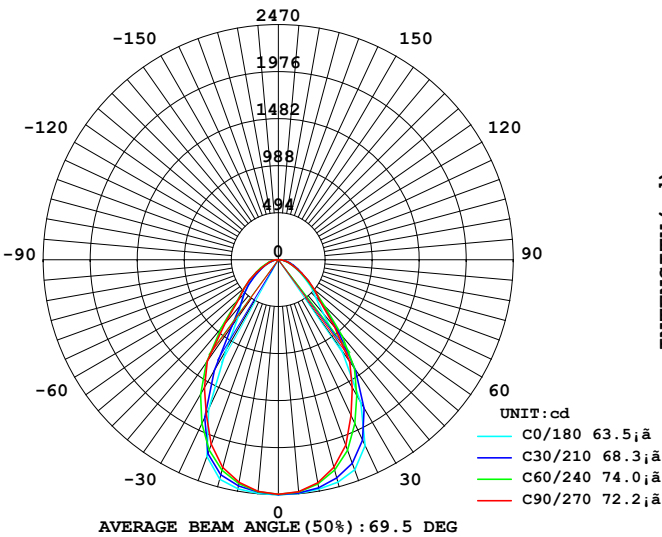
Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	2470	S/MH (C0/180)	0.86
MODEL	1028-1-2-3-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.00
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	3656.2	Voltage (V)	219.1
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	120.3	Current (A)	0.140
NOMINAL FLUX (lm)	3656.2	η up (%)	0.0	Power (W)	30.40
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.988
TEST VOLTAGE (V)	219.2	Effective Flux (lm)	3337.5	EET	0.124

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-02-2023

Test Set: 5.0deg/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: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

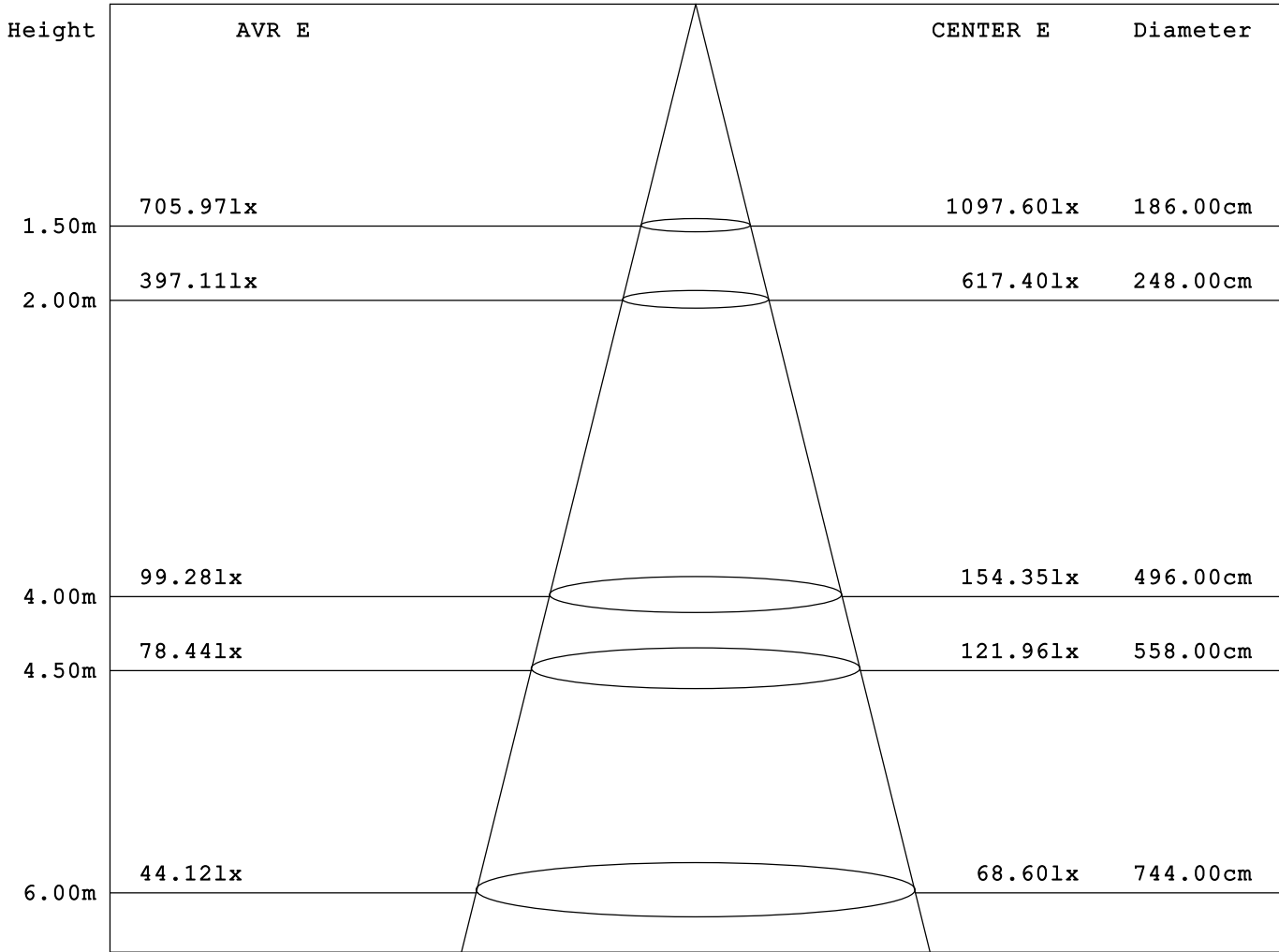
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AVERAGE AND CENTER E Figure

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:



Angle: 63.6deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-02-2023

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ZONAL FLUX DIAGRAM

Report number:

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2444	2402	2376	2413	2448	2414	2381	2411	0- 10	232.7	232.7
20.0	2200	2149	2063	2196	2348	2204	2074	2189	10- 20	652.8	885.6
30.0	1105	1492	1556	1690	1740	1730	1557	1573	20- 30	872.8	1758
40.0	614.5	775.2	868.7	925.8	736.0	1008	915.8	827.8	30- 40	753.5	2512
50.0	415.1	442.6	477.6	462.2	451.9	490.5	501.0	465.8	40- 50	483.6	2996
60.0	232.3	253.3	263.9	262.4	256.7	279.5	279.8	264.5	50- 60	321.4	3317
70.0	120.7	135.5	124.5	146.1	136.1	158.3	141.0	142.4	60- 70	196.5	3514
80.0	49.54	57.03	56.22	65.61	63.26	73.59	66.60	62.27	70- 80	105.2	3619
90.0	10.92	8.754	4.963	8.212	11.91	11.37	9.927	10.33	80- 90	37.29	3656
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	

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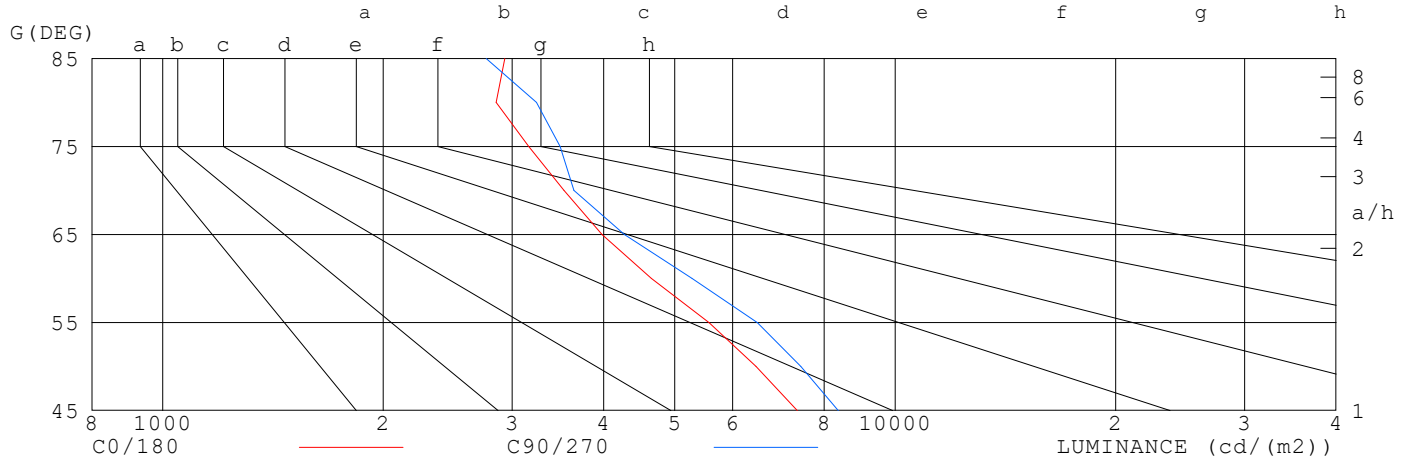
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	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	2930	2765
80	2853	3238
75	3159	3487
70	3531	3641
65	3981	4271
60	4646	5280
55	5568	6486
50	6459	7430
45	7355	8361

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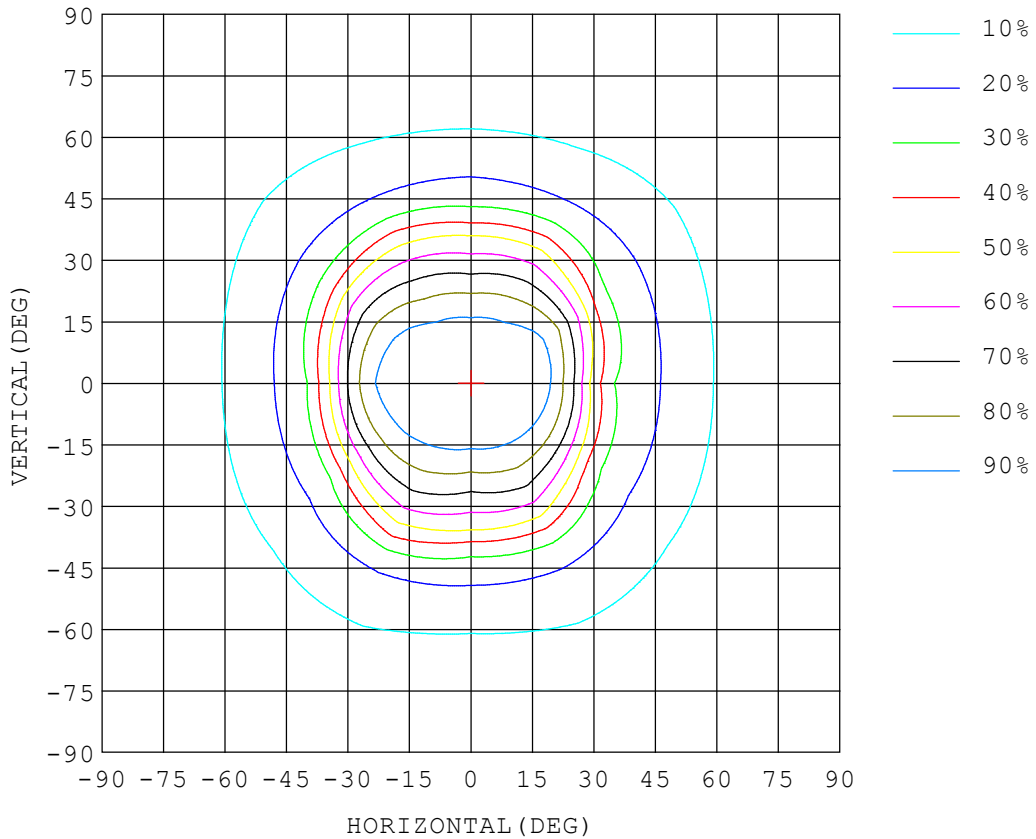
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ISOCANDELA DIAGRAM

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SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

UNIT: cd



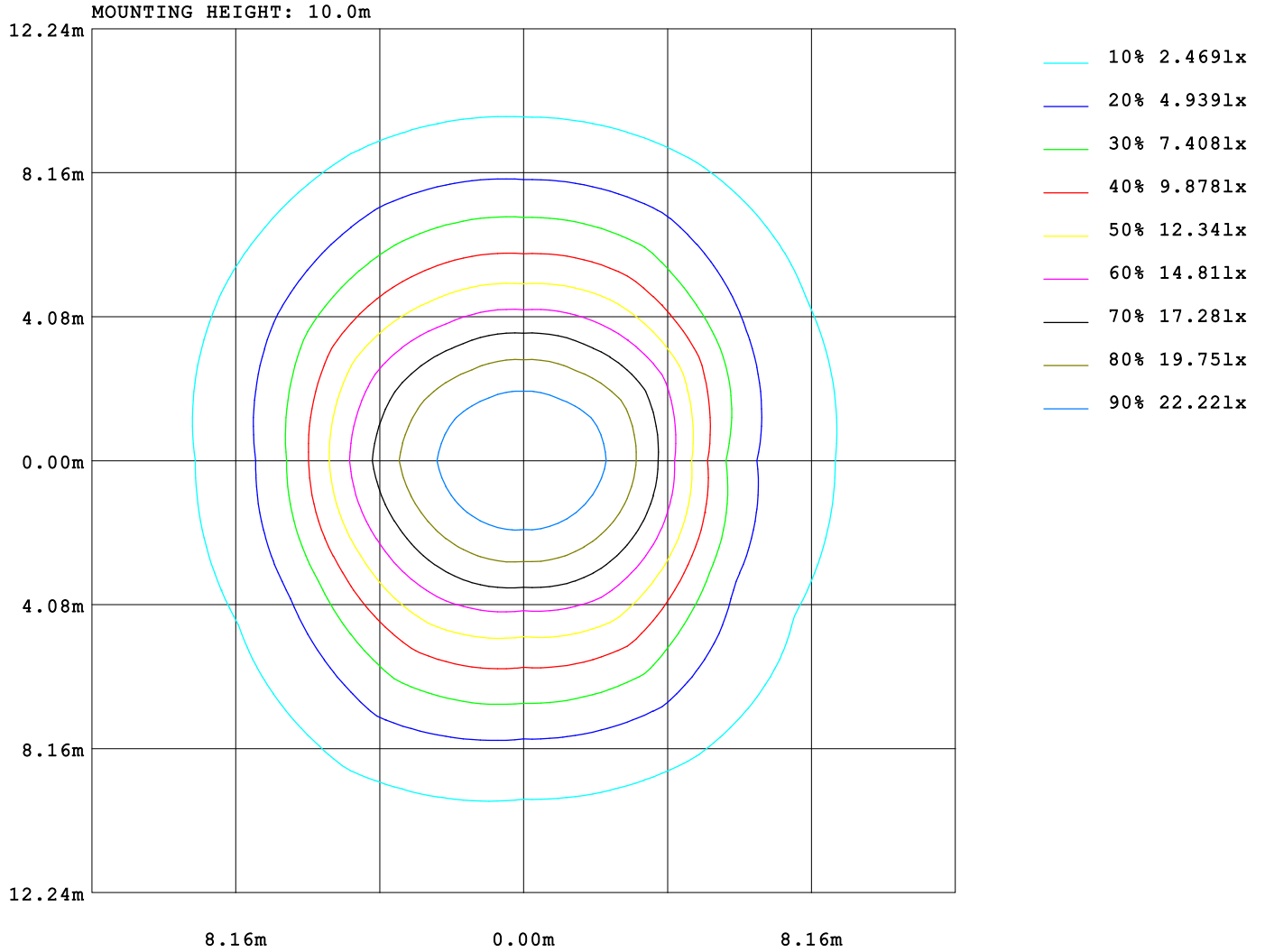
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ISOLUX DIAGRAM

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AREA LUMINOUS FLUX

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NAME: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	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	0.17	0.36	0.55	0.69	0.79	0.90	1.00	1.06	1.03	0.92	0.77	0.66	0.58	0.47	0.30	0.14	0.04	10.4	0.00		
80	0.06	0.27	0.68	1.21	1.69	2.12	2.53	2.90	3.10	3.03	2.71	2.23	1.82	1.44	1.02	0.57	0.22	0.05	27.7	0.00		
70	0.07	0.39	1.03	1.96	2.92	3.94	4.91	5.72	6.17	6.08	5.49	4.54	3.56	2.60	1.72	0.88	0.31	0.06	52.4	3.97		
60	0.08	0.50	1.39	2.80	4.46	6.34	8.38	10.3	11.5	11.5	10.2	8.14	5.97	4.10	2.52	1.21	0.41	0.06	90.0	65.1		
50	0.09	0.61	1.73	3.65	6.23	9.67	13.8	18.0	20.2	19.8	17.1	13.1	9.30	5.88	3.34	1.54	0.50	0.07	145	132		
40	0.10	0.69	2.04	4.46	8.42	14.2	24.3	34.6	38.6	38.1	32.7	21.4	12.9	7.94	4.13	1.83	0.58	0.08	248	238		
30	0.11	0.76	2.30	5.26	10.4	21.1	38.6	50.3	54.9	54.8	48.7	32.2	16.6	9.69	4.90	2.07	0.65	0.09	354	346		
20	0.11	0.80	2.47	5.86	12.0	27.6	50.5	63.0	67.7	67.6	62.0	43.3	20.1	10.8	5.47	2.22	0.68	0.09	443	436		
10	0.12	0.81	2.53	6.12	12.6	30.4	56.7	69.5	73.6	73.5	68.5	47.5	21.0	11.2	5.69	2.27	0.69	0.09	483	477		
0	0.12	0.80	2.49	6.00	12.2	29.2	55.8	69.2	73.5	73.3	67.6	46.2	20.2	11.0	5.59	2.24	0.68	0.09	477	470		
-10	0.11	0.77	2.36	5.52	11.0	24.2	47.6	62.6	67.9	67.6	60.5	39.6	18.1	10.2	5.17	2.13	0.66	0.09	427	420		
-20	0.11	0.71	2.12	4.77	9.26	17.7	36.0	51.0	55.3	54.7	48.3	29.9	15.0	8.81	4.48	1.92	0.60	0.08	341	333		
-30	0.10	0.63	1.83	3.91	7.23	12.9	23.6	35.3	38.6	37.6	32.1	20.4	12.0	6.92	3.67	1.64	0.53	0.08	239	228		
-40	0.08	0.54	1.51	3.08	5.46	9.07	13.8	18.1	19.6	18.9	16.7	12.9	8.68	5.22	2.86	1.32	0.44	0.07	139	124		
-50	0.07	0.43	1.17	2.32	3.97	6.11	8.53	10.3	11.2	11.1	10.0	8.24	5.86	3.73	2.08	0.99	0.34	0.06	86.6	63.7		
-60	0.06	0.31	0.82	1.59	2.62	3.86	5.03	5.62	5.79	5.74	5.48	4.83	3.64	2.39	1.36	0.66	0.24	0.05	50.1	2.51		
-70	0.05	0.20	0.48	0.91	1.50	2.12	2.62	2.82	2.82	2.79	2.74	2.49	1.96	1.31	0.75	0.37	0.16	0.04	26.1	0.00		
-80	0.03	0.11	0.20	0.35	0.58	0.85	1.00	0.98	0.90	0.87	0.92	0.91	0.75	0.50	0.29	0.17	0.10	0.03	9.53	0.00		
-90																						
Φ t	1.50	9.49	27.5	60.3	114	222	395	512	553	549	493	339	178	105	55.5	24.3	7.94	1.20	3656			
Φ a	0.00	0.00	0.64	35.7	92.7	203	377	494	536	531	476	321	159	83.7	29.0	0.00	0.00	0.00		3338		

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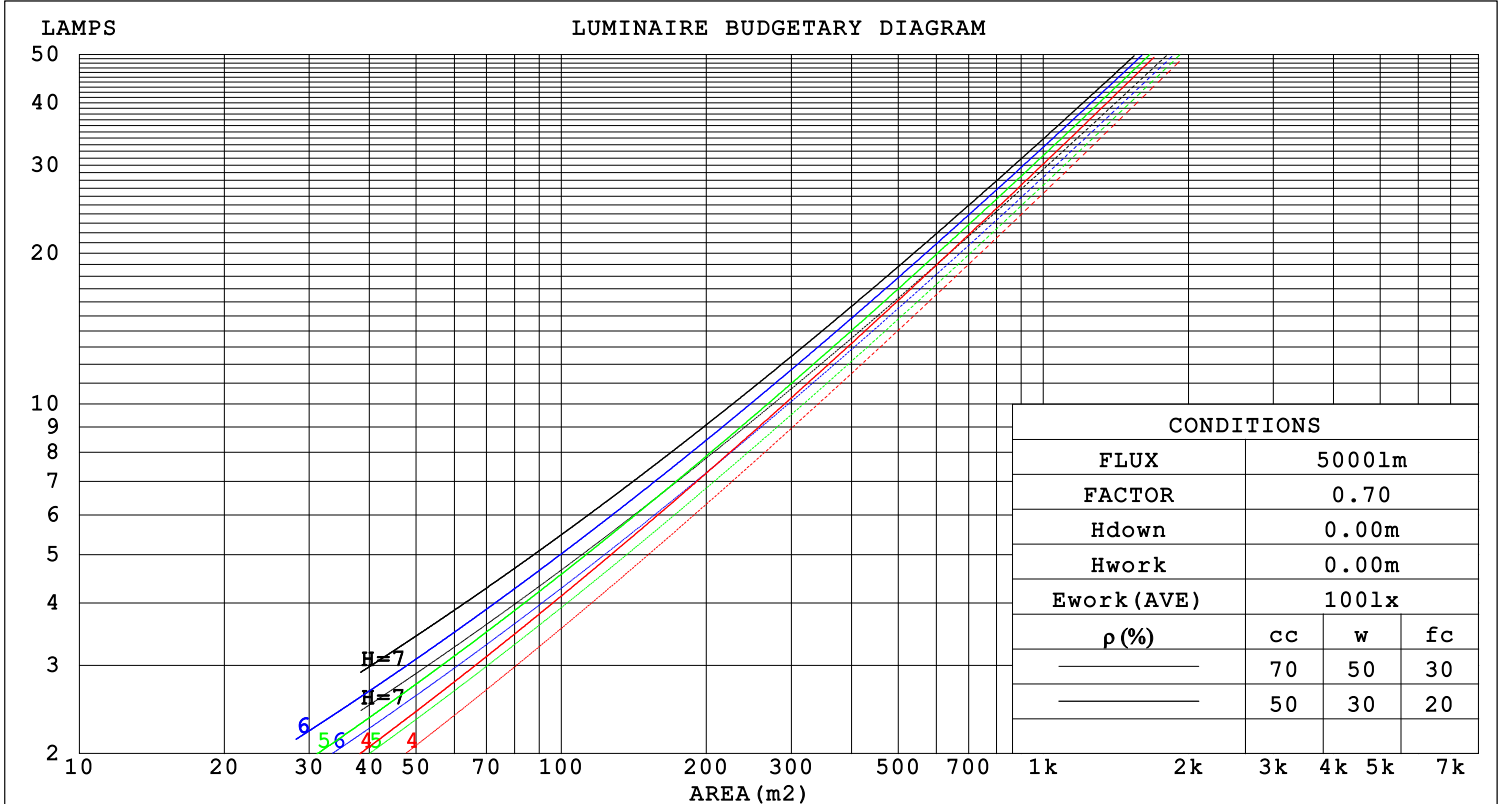
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
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 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	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	1.07	1.04	1.01	1.05	1.02	.99	1.01	.99	.96	.97	.95	.93	.94	.92	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.89	.85	.82	.86	.83	.81	.79
3.0	.88	.81	.76	.86	.80	.76	.84	.79	.74	.81	.77	.73	.79	.75	.72	.70
4.0	.80	.73	.68	.79	.72	.67	.77	.71	.66	.74	.69	.65	.72	.68	.65	.63
5.0	.73	.66	.61	.72	.65	.60	.70	.64	.60	.69	.63	.59	.67	.62	.59	.57
6.0	.68	.60	.55	.67	.60	.55	.65	.59	.54	.64	.58	.54	.62	.57	.53	.52
7.0	.63	.55	.50	.62	.55	.50	.60	.54	.49	.59	.53	.49	.58	.53	.49	.47
8.0	.58	.51	.46	.57	.50	.46	.56	.50	.45	.55	.49	.45	.54	.49	.45	.43
9.0	.54	.47	.42	.53	.47	.42	.52	.46	.42	.51	.46	.42	.51	.45	.42	.40
10.0	.51	.44	.39	.50	.43	.39	.49	.43	.39	.48	.43	.39	.47	.42	.39	.37



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WEC AND CCEC

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NAME: 1028-1-2-3-2					TYPE: .5w 4K CRI90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*28*145					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	.241	.137	.043	.234	.133	.042	.221	.127	.040	.209	.121	.039	.198	.115	.037	
2.0	.229	.125	.038	.223	.123	.038	.212	.118	.037	.201	.113	.035	.192	.109	.034	
3.0	.215	.114	.034	.210	.112	.034	.200	.108	.033	.191	.105	.032	.183	.101	.031	
4.0	.201	.105	.031	.197	.103	.030	.188	.100	.030	.180	.097	.029	.173	.094	.029	
5.0	.189	.096	.028	.185	.095	.028	.178	.092	.027	.171	.090	.027	.164	.088	.026	
6.0	.178	.089	.025	.174	.088	.025	.168	.086	.025	.161	.084	.025	.156	.082	.024	
7.0	.168	.083	.023	.164	.082	.023	.158	.080	.023	.153	.078	.023	.148	.077	.023	
8.0	.158	.077	.022	.155	.077	.022	.150	.075	.021	.145	.074	.021	.141	.072	.021	
9.0	.150	.073	.020	.147	.072	.020	.143	.071	.020	.138	.069	.020	.134	.068	.020	
10.0	.142	.068	.019	.140	.068	.019	.136	.066	.019	.132	.065	.019	.128	.064	.018	

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	.176	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.164	.132	.106	.140	.114	.091	.096	.079	.064	.055	.046	.037	.018	.015	.012	
3.0	.154	.114	.082	.132	.098	.071	.091	.068	.050	.052	.040	.029	.017	.013	.010	
4.0	.145	.100	.065	.124	.086	.057	.086	.060	.040	.050	.035	.024	.016	.011	.008	
5.0	.137	.089	.053	.118	.077	.046	.081	.054	.033	.047	.032	.019	.015	.010	.006	
6.0	.130	.080	.044	.112	.069	.039	.077	.049	.027	.045	.029	.016	.014	.009	.005	
7.0	.124	.073	.037	.106	.063	.033	.073	.044	.023	.043	.026	.014	.014	.009	.005	
8.0	.118	.067	.032	.101	.058	.028	.070	.041	.020	.041	.024	.012	.013	.008	.004	
9.0	.112	.062	.028	.097	.054	.024	.067	.038	.017	.039	.022	.010	.013	.007	.003	
10.0	.107	.058	.025	.092	.050	.022	.064	.035	.015	.037	.021	.009	.012	.007	.003	

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 Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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Uncorrected UGR Table

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	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	16.5	17.7	16.7	17.9	18.1	17.8	19.0	18.0	19.2	19.4
	3H	17.3	18.4	17.5	18.6	18.8	18.4	19.5	18.7	19.8	20.0
	4H	17.6	18.6	17.9	18.9	19.1	18.7	19.8	19.0	20.0	20.2
	6H	17.8	18.8	18.1	19.1	19.3	18.9	19.9	19.2	20.2	20.5
	8H	17.8	18.8	18.2	19.1	19.4	19.0	19.9	19.3	20.2	20.5
	12H	17.9	18.8	18.2	19.1	19.4	19.0	19.9	19.3	20.2	20.5
4H	2H	16.9	18.0	17.2	18.2	18.5	18.0	19.1	18.3	19.3	19.5
	3H	17.9	18.8	18.2	19.1	19.4	18.9	19.8	19.2	20.1	20.4
	4H	18.3	19.1	18.6	19.4	19.8	19.3	20.1	19.6	20.4	20.8
	6H	18.6	19.3	19.0	19.7	20.0	19.6	20.4	20.0	20.7	21.1
	8H	18.7	19.4	19.1	19.7	20.1	19.7	20.4	20.1	20.8	21.2
	12H	18.7	19.4	19.2	19.8	20.2	19.8	20.4	20.2	20.8	21.2
8H	4H	18.5	19.2	18.9	19.5	19.9	19.4	20.1	19.8	20.5	20.8
	6H	18.9	19.4	19.3	19.8	20.3	19.9	20.5	20.3	20.9	21.3
	8H	19.0	19.5	19.4	19.9	20.4	20.1	20.6	20.5	21.0	21.5
	12H	19.1	19.6	19.6	20.0	20.5	20.2	20.7	20.7	21.1	21.6
12H	4H	18.5	19.1	18.9	19.5	19.9	19.4	20.0	19.8	20.4	20.8
	6H	18.9	19.4	19.4	19.8	20.3	19.9	20.4	20.4	20.8	21.3
	8H	19.1	19.5	19.5	19.9	20.4	20.1	20.6	20.6	21.0	21.5

Variations with the observer position at spacings:		
S = 1.0H	+ 0.4 / - 0.4	+ 0.5 / - 0.6
1.5H	+ 0.2 / - 0.3	+ 0.7 / - 0.4
2.0H	+ 0.8 / - 0.8	+ 0.7 / - 0.9

CIE Pub.117 Corrected 3656 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.5)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-02-2023

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: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	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	72	63	58	71	63	57	70	62	57	52
0.80	81	72	67	80	72	67	79	71	66	61
1.00	88	80	74	87	79	74	85	80	73	68
1.25	93	86	80	92	85	80	90	84	79	74
1.50	97	90	85	96	89	85	93	88	83	78
2.00	102	96	91	101	95	90	97	93	89	82
2.50	105	99	95	103	98	94	100	95	92	85
3.00	107	102	98	105	101	97	102	98	95	87
4.00	110	106	103	108	104	101	104	101	98	91
5.00	112	108	105	110	106	104	105	103	101	92
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

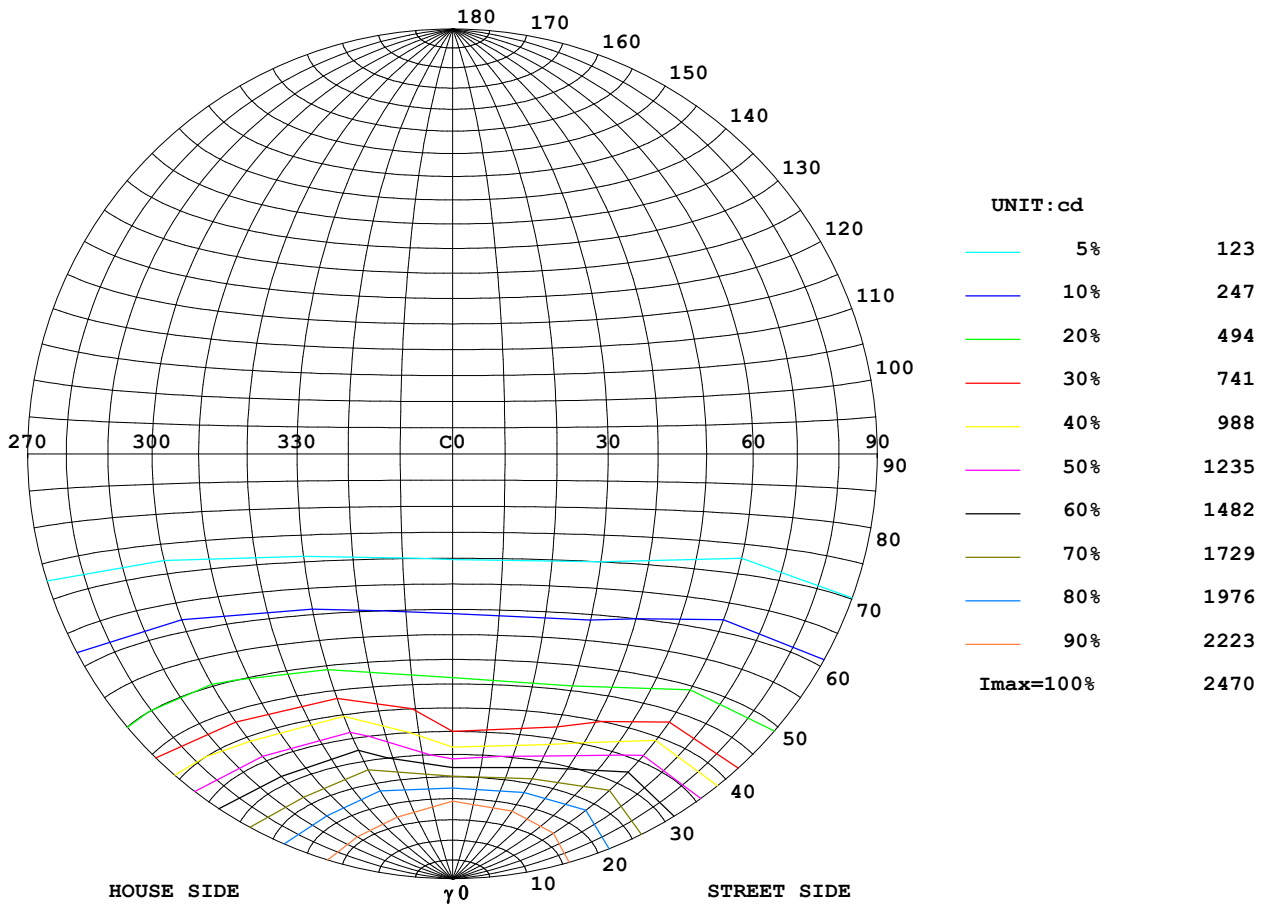
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-02-2023

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: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-02-2023

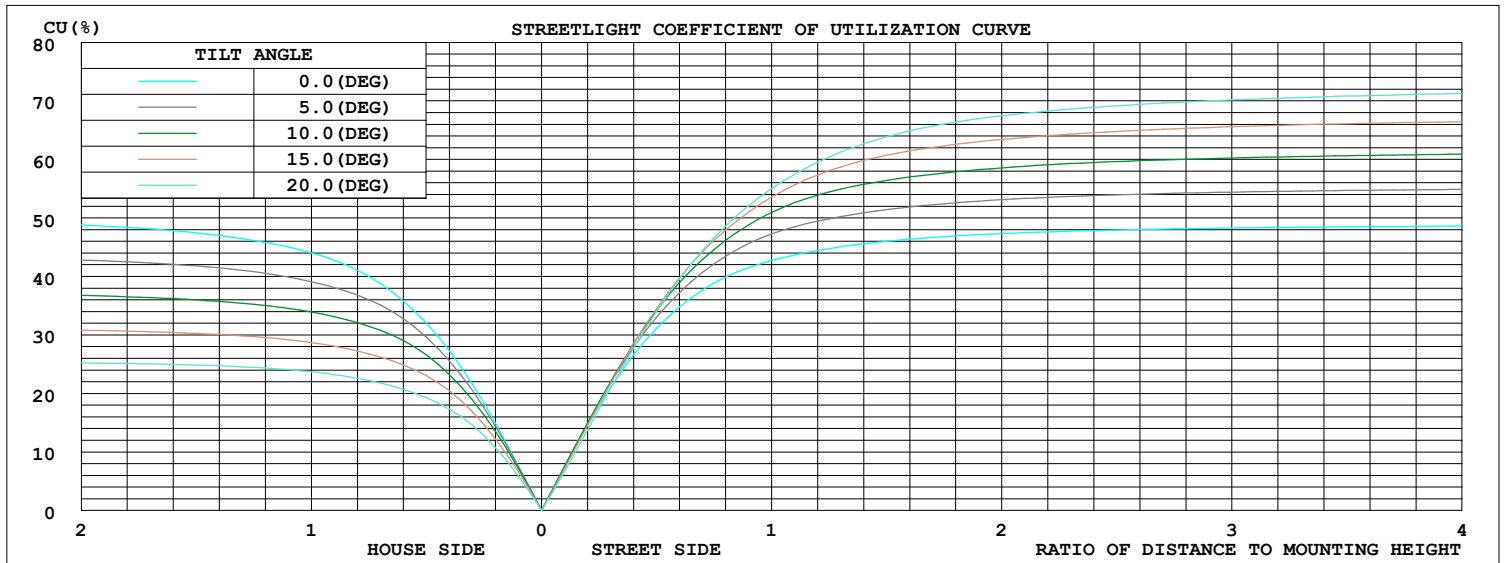
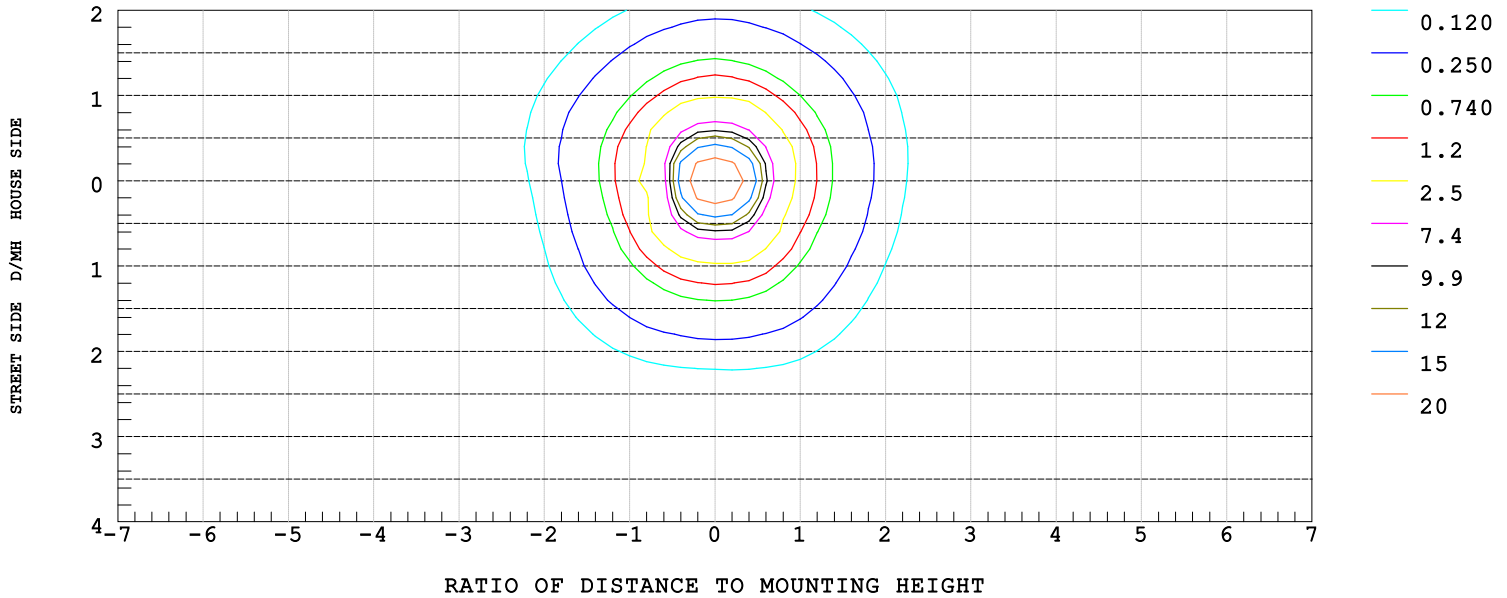
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 24.70 lx



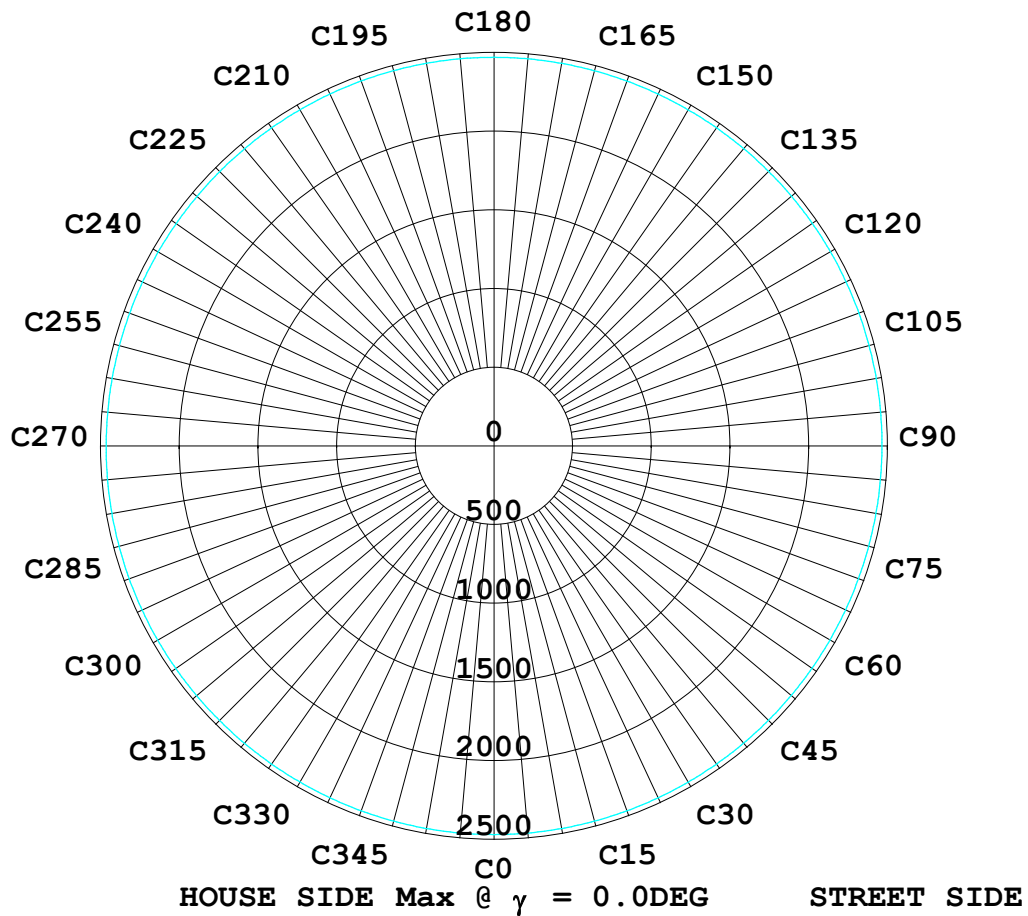
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-02-2023

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: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-02-2023

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: 1028-1-2-3-2	TYPE: .5w 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2470	2467	2465	2465	2468	2467	2470	2467	2465	2465	2468	2467
5.0	2463	2450	2448	2442	2451	2452	2463	2462	2449	2446	2449	2459
10.0	2444	2414	2390	2376	2398	2427	2448	2434	2394	2381	2389	2433
15.0	2388	2339	2290	2260	2307	2365	2420	2375	2289	2259	2284	2377
20.0	2200	2169	2129	2063	2153	2239	2348	2276	2132	2074	2124	2253
25.0	1740	1830	1901	1796	1944	2015	2158	2094	1900	1807	1894	1973
30.0	1105	1345	1639	1556	1708	1671	1740	1807	1653	1557	1626	1520
35.0	741	859	1323	1301	1436	1203	1169	1416	1398	1309	1330	1010
40.0	615	619	932	869	1086	766	736	969	1048	916	961	695
45.0	520	513	615	591	713	542	554	642	689	627	631	564
50.0	415	411	475	478	499	426	452	490	491	501	467	465
55.0	319	304	366	372	383	318	339	382	370	389	372	360
60.0	232	232	275	264	283	242	257	284	275	280	261	268
65.0	168	173	206	181	217	185	189	224	207	199	193	206
70.0	121	123	148	125	155	138	136	168	148	141	133	152
75.0	81.7	82.5	101	90.2	106	96.9	95.9	122	100	102	86.6	107
80.0	49.5	47.8	66.2	56.2	71.9	59.2	63.2	81.3	65.8	66.6	55.6	68.8
85.0	25.5	20.5	35.8	24.0	41.5	27.1	33.0	46.3	34.4	32.5	27.9	38.5
90.0	10.9	6.31	11.1	4.96	11.1	5.23	11.9	15.9	6.76	9.92	6.40	14.2

Test System:HOPOO HPG1800
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