

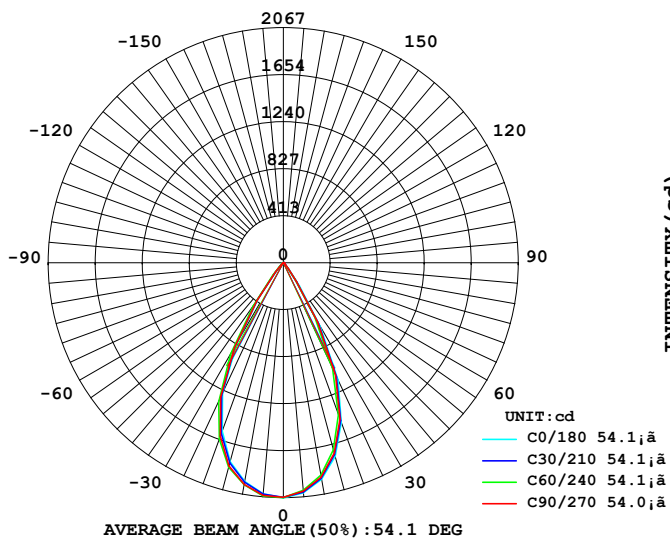
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

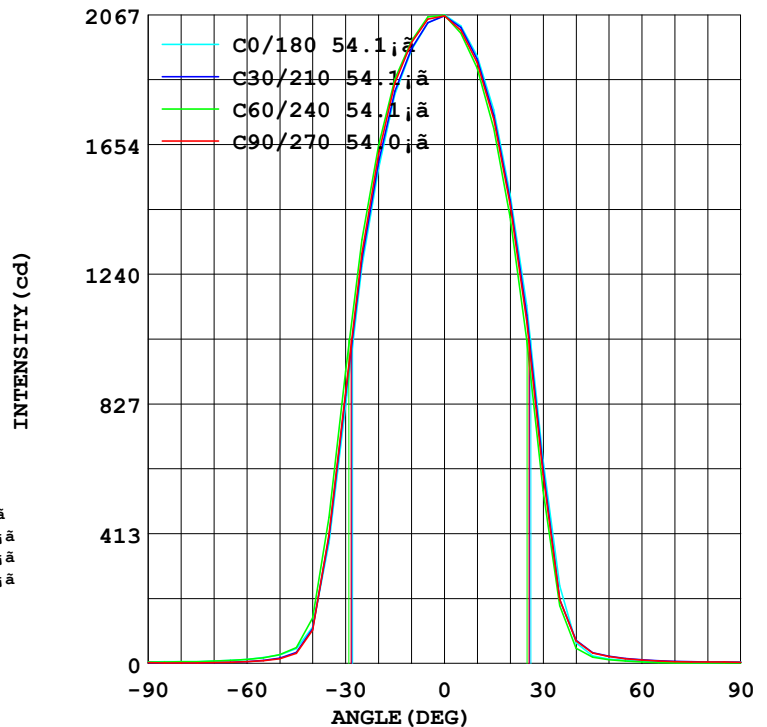
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2067	S/MH (C0/180)	0.83
MODEL	GE 75	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.84
NOMINAL POWER (W)	15	TOTAL FLUX (lm)	1499.9	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	100.7	Current (A)	0.071
NOMINAL FLUX (lm)	1499.9	η up (%)	0.0	Power (W)	14.90
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	219.8	Effective Flux (lm)	1416.1	EEI	0.143

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-24-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.000 m
 Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

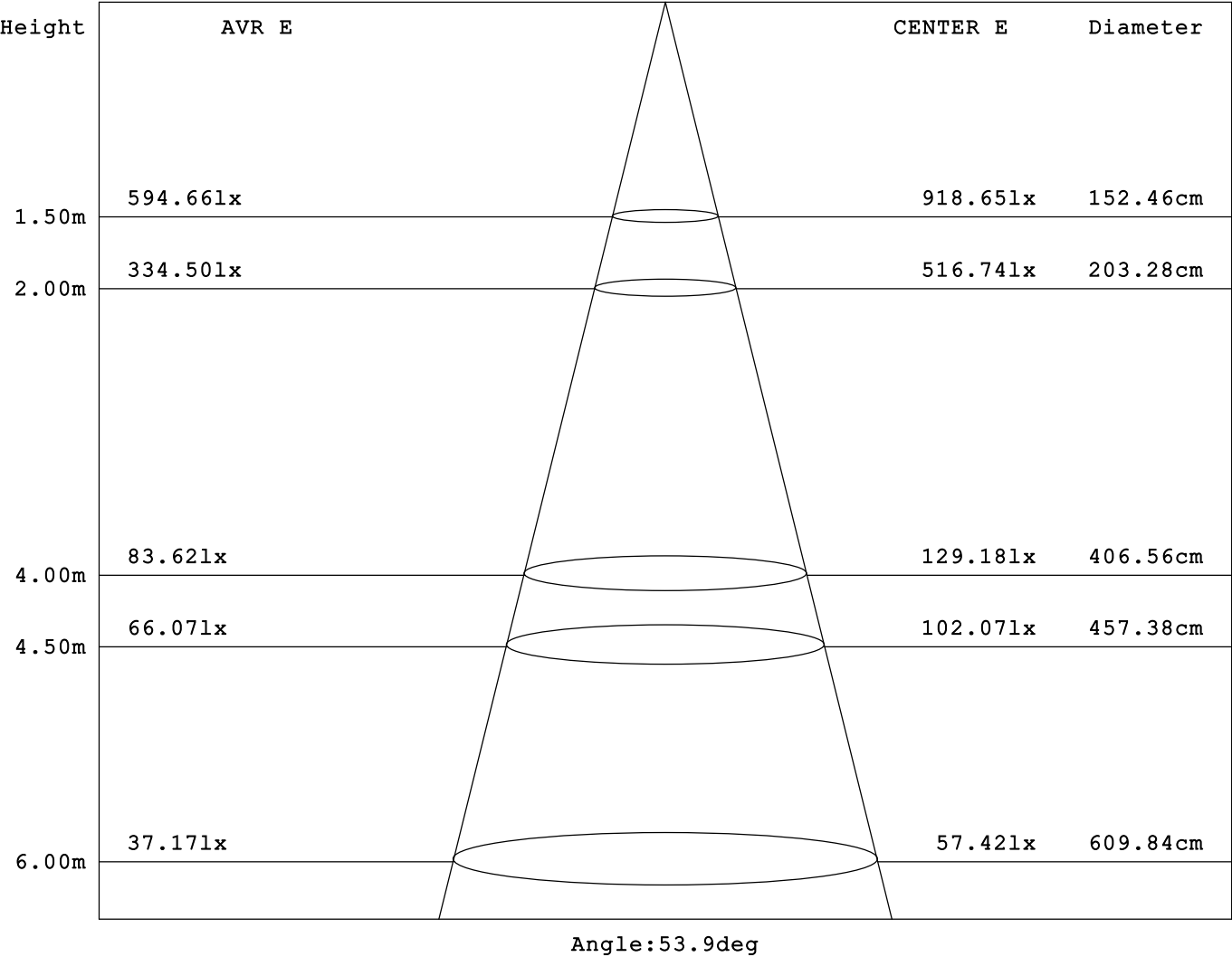
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1955	1972	1979	1963	1936	1911	1915	1928	0- 10	191.3	191.3
20.0	1577	1624	1623	1561	1495	1449	1463	1513	10- 20	495.6	686.9
30.0	822.3	893.4	865.3	761.1	647.5	586.5	602.5	702.5	20- 30	531.7	1219
40.0	115.9	127.9	106.3	90.59	66.01	61.07	72.00	84.84	30- 40	221.5	1440
50.0	27.21	22.59	15.14	18.26	14.17	17.09	21.78	19.19	40- 50	33.95	1474
60.0	13.20	9.598	5.508	8.343	6.318	7.938	10.85	8.504	50- 60	11.92	1486
70.0	7.371	4.779	2.187	4.333	3.240	3.969	6.075	4.171	60- 70	6.278	1492
80.0	5.346	3.402	1.458	3.240	2.997	2.956	4.536	2.956	70- 80	3.923	1496
90.0	4.779	3.442	2.187	3.240	4.293	2.794	3.645	2.713	80- 90	3.512	1500
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:07-24-2025

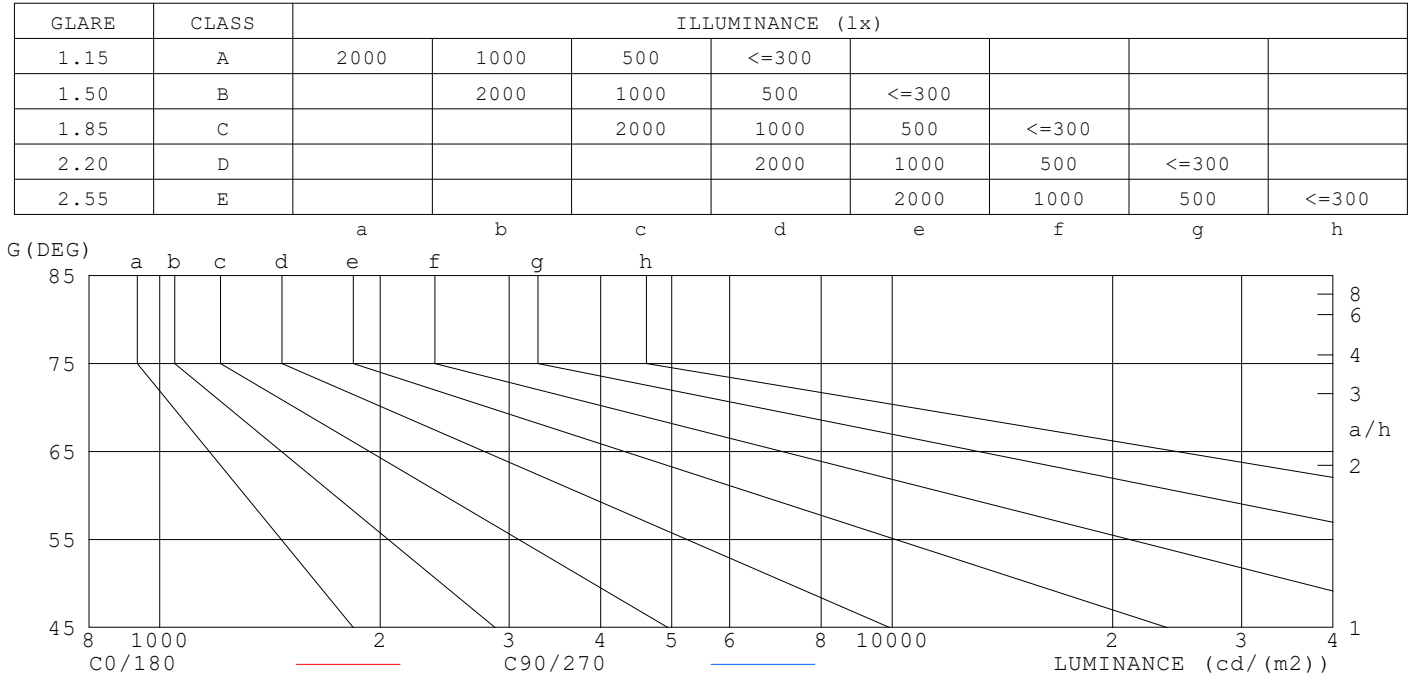
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	586	186
80	308	84
75	232	59
70	216	64
65	228	79
60	264	110
55	321	151
50	423	236
45	671	456

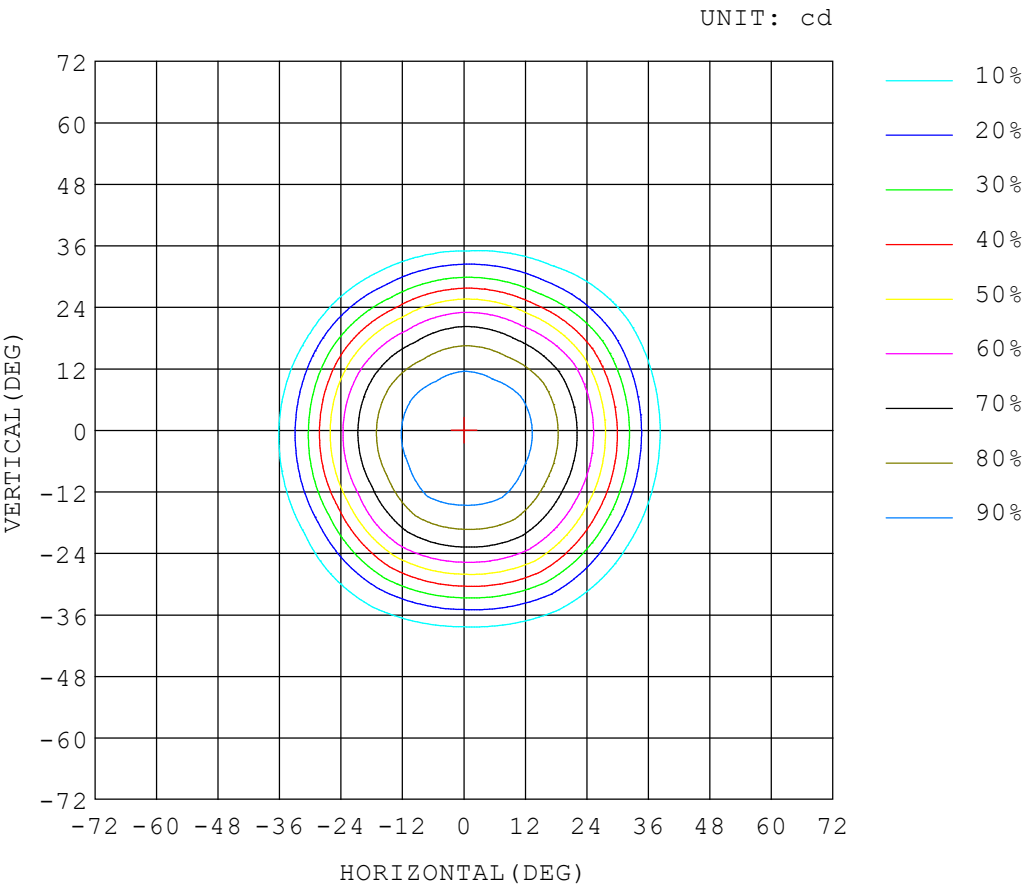
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:



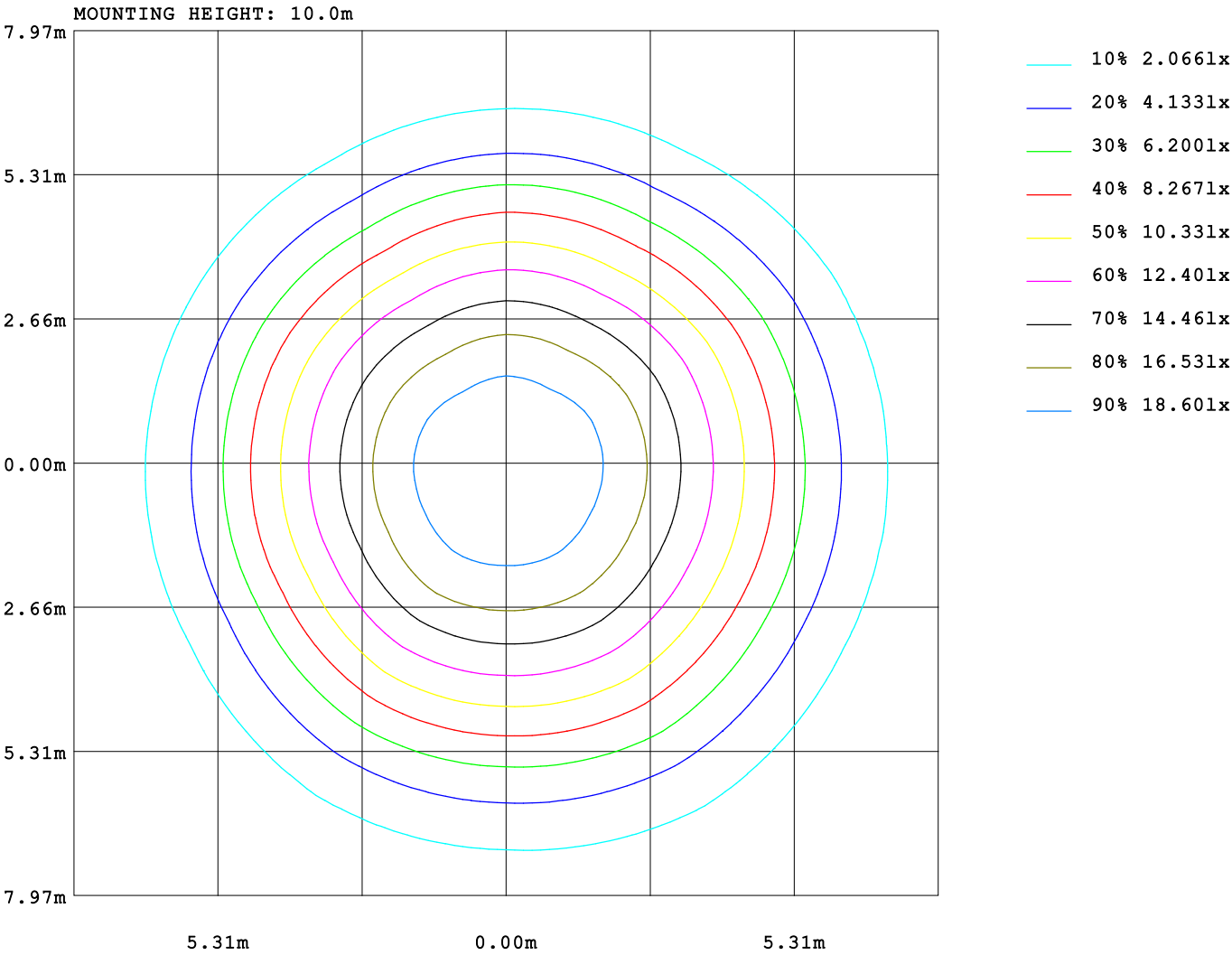
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019																				
NAME: GE 75 DOWNLIGHTER										TYPE: 4000K CRI-90					WEIGHT:					
SPECIFICATION: BAG 400 MA										DIMENSION: D-88 CUTOUT-78 H-95 MM					SERIAL No.:					

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.04	0.05	0.05	0.04	0.03	0.06	0.09	0.12	0.12	0.09	0.06	0.03	0.04	0.05	0.05	0.05	0.03	1.04	0.00		
64	0.03	0.05	0.06	0.07	0.07	0.06	0.10	0.15	0.20	0.20	0.15	0.10	0.07	0.07	0.07	0.06	0.05	0.04	1.59	0.00		
56	0.03	0.05	0.08	0.10	0.12	0.13	0.17	0.26	0.34	0.35	0.27	0.18	0.13	0.13	0.11	0.09	0.06	0.04	2.63	0.00		
48	0.03	0.06	0.11	0.16	0.20	0.25	0.32	0.55	0.77	0.80	0.60	0.37	0.28	0.22	0.17	0.12	0.07	0.04	5.10	0.00		
40	0.03	0.06	0.13	0.23	0.34	0.55	1.12	2.38	3.69	3.88	2.81	1.48	0.71	0.40	0.25	0.15	0.09	0.05	18.3	5.84		
32	0.03	0.07	0.15	0.30	0.63	1.79	5.30	10.5	14.6	15.0	11.6	6.75	2.67	0.84	0.37	0.19	0.10	0.05	71.2	63.7		
24	0.03	0.07	0.16	0.37	1.28	5.39	14.2	22.2	27.0	27.4	23.5	16.3	7.63	1.98	0.52	0.23	0.11	0.06	149	143		
VERTICAL (DEG)	0.03	0.07	0.17	0.46	2.35	10.5	22.4	30.6	34.8	35.1	31.5	24.3	13.1	3.76	0.74	0.26	0.12	0.06	211	206		
	0.03	0.07	0.16	0.52	3.47	13.9	26.3	34.7	38.6	38.8	35.4	27.9	16.5	5.22	0.91	0.29	0.13	0.06	243	240		
	0.03	0.06	0.15	0.50	3.59	14.2	26.6	35.1	39.2	39.3	35.7	28.2	16.8	5.34	0.90	0.28	0.13	0.06	247	243		
	0.03	0.06	0.13	0.41	2.59	11.3	23.4	32.4	36.9	37.0	33.2	25.4	14.0	3.98	0.70	0.23	0.11	0.05	222	219		
-24	0.02	0.05	0.11	0.27	1.32	6.68	17.1	26.2	30.5	30.8	27.3	19.2	8.91	2.08	0.44	0.18	0.09	0.05	172	167		
	0.02	0.04	0.08	0.18	0.56	2.66	8.48	15.4	19.4	19.9	16.7	10.1	3.68	0.84	0.27	0.13	0.07	0.04	98.8	93.7		
-32	0.02	0.03	0.06	0.13	0.30	0.81	2.34	4.75	6.71	6.99	5.42	2.94	1.07	0.39	0.16	0.09	0.05	0.03	32.3	22.4		
-40	0.02	0.02	0.04	0.10	0.20	0.37	0.62	0.87	1.03	1.08	0.99	0.73	0.44	0.24	0.12	0.06	0.04	0.03	7.01	0.00		
-48	0.02	0.02	0.03	0.08	0.14	0.24	0.30	0.30	0.28	0.29	0.33	0.33	0.26	0.16	0.09	0.04	0.03	0.02	2.94	0.00		
-56	0.01	0.02	0.03	0.06	0.10	0.16	0.17	0.16	0.13	0.13	0.17	0.18	0.17	0.11	0.07	0.03	0.02	0.02	1.74	0.00		
-64	0.01	0.02	0.03	0.05	0.08	0.11	0.11	0.09	0.07	0.07	0.09	0.11	0.12	0.08	0.05	0.03	0.02	0.02	1.15	0.00		
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.45	0.87	1.72	4.00	17.4	69.4	149	217	255	258	226	165	86.8	25.9	5.98	2.52	1.35	0.76	1500			
Φ a	0.00	0.00	0.00	0.00	7.25	62.3	144	212	249	252	221	159	80.6	16.7	0.00	0.00	0.00	0.00		1416		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

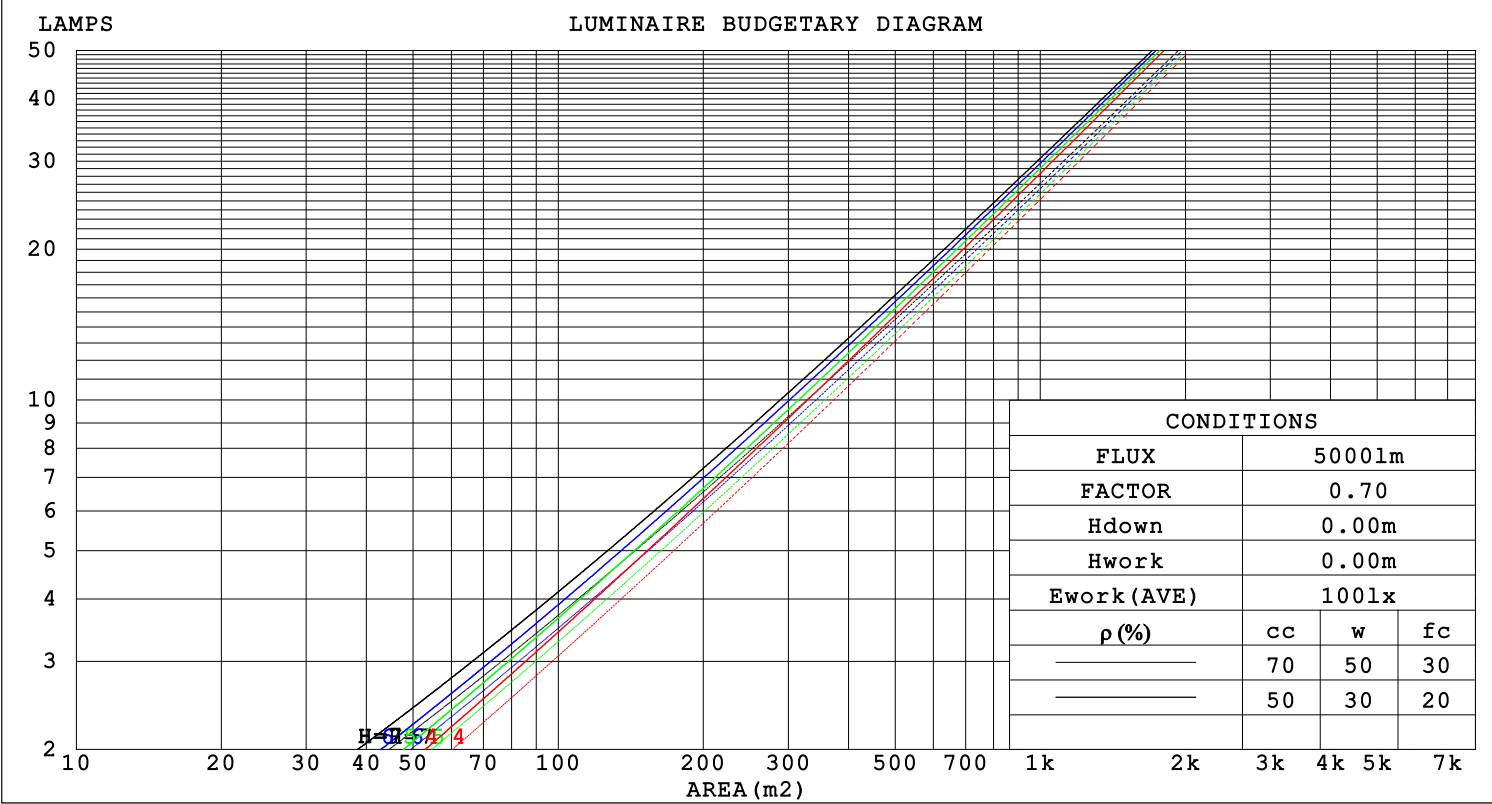
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019															
NAME: GE 75 DOWNLIGHTER								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: BAG 400 MA								DIMENSION: D-88 CUTOUT-78 H-95 MM				SERIAL No.:			

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pf _c	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.98	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.84	.81	.87	.83	.80	.85	.82	.79	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.81	.77	.75	.73
6.0	.82	.76	.72	.81	.76	.72	.80	.75	.71	.78	.74	.71	.77	.73	.71	.69
7.0	.77	.72	.68	.77	.71	.68	.75	.71	.67	.74	.70	.67	.73	.69	.67	.65
8.0	.73	.68	.64	.73	.68	.64	.72	.67	.64	.71	.66	.63	.70	.66	.63	.62
9.0	.70	.64	.60	.69	.64	.60	.68	.64	.60	.67	.63	.60	.67	.63	.60	.59
10.0	.66	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.64	.60	.57	.56



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019														
NAME: GE 75 DOWNLIGHTER								TYPE: 4000K CRI-90				WEIGHT:		
SPECIFICATION: BAG 400 MA								DIMENSION: D-88 CUTOUT-78 H-95 MM				SERIAL No.:		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.172	.098	.031	.165	.094	.030	.152	.087	.028	.141	.081	.026	.130	.075	.024	
2.0	.162	.089	.027	.157	.086	.027	.146	.081	.025	.136	.076	.024	.127	.072	.023	
3.0	.153	.082	.024	.149	.080	.024	.140	.076	.023	.132	.072	.022	.124	.069	.021	
4.0	.146	.076	.022	.142	.074	.022	.134	.071	.021	.127	.068	.021	.120	.065	.020	
5.0	.139	.071	.020	.135	.069	.020	.128	.067	.020	.122	.064	.019	.116	.062	.019	
6.0	.132	.066	.019	.129	.065	.019	.123	.063	.018	.118	.061	.018	.113	.059	.018	
7.0	.126	.062	.018	.124	.062	.018	.118	.060	.017	.114	.058	.017	.109	.057	.017	
8.0	.121	.059	.017	.119	.058	.017	.114	.057	.016	.110	.056	.016	.106	.054	.016	
9.0	.116	.056	.016	.114	.056	.016	.110	.054	.015	.106	.053	.015	.102	.052	.015	
10.0	.112	.053	.015	.110	.053	.015	.106	.052	.015	.102	.051	.014	.099	.050	.014	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.131	.099	.074	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.064	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.055	.033	.017	.032	.019	.010	.010	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019										
NAME: GE 75 DOWNLIGHTER					TYPE: 4000K CRI-90			WEIGHT:		
SPECIFICATION: BAG 400 MA					DIMENSION: D-88 CUTOUT-78 H-95 MM			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	6.8	7.7	7.0	7.9	8.0	7.6	8.5	7.8	8.6	8.8
3H	6.7	7.6	7.0	7.8	8.0	7.4	8.3	7.7	8.5	8.7
4H	6.7	7.5	7.0	7.7	7.9	7.4	8.2	7.7	8.4	8.6
6H	6.8	7.5	7.1	7.7	8.0	7.3	8.0	7.6	8.3	8.5
8H	6.8	7.5	7.2	7.8	8.1	7.3	8.0	7.6	8.2	8.5
12H	7.0	7.7	7.3	7.9	8.2	7.3	7.9	7.6	8.2	8.5
4H 2H	6.6	7.4	6.9	7.6	7.8	7.4	8.1	7.6	8.3	8.6
3H	6.5	7.2	6.8	7.5	7.7	7.3	7.9	7.6	8.2	8.5
4H	6.5	7.1	6.9	7.4	7.7	7.2	7.8	7.6	8.1	8.4
6H	6.6	7.1	7.0	7.5	7.8	7.2	7.7	7.6	8.1	8.4
8H	6.7	7.2	7.1	7.6	7.9	7.2	7.7	7.6	8.0	8.4
12H	7.0	7.4	7.4	7.8	8.2	7.2	7.7	7.6	8.0	8.4
8H 4H	6.4	6.9	6.8	7.3	7.6	7.1	7.6	7.5	8.0	8.3
6H	6.5	6.9	6.9	7.3	7.7	7.2	7.6	7.6	8.0	8.4
8H	6.7	7.0	7.1	7.5	7.9	7.2	7.6	7.7	8.0	8.5
12H	7.0	7.4	7.5	7.8	8.3	7.4	7.7	7.8	8.1	8.6
12H 4H	6.4	6.8	6.8	7.2	7.6	7.1	7.5	7.5	7.9	8.3
6H	6.5	6.9	7.0	7.3	7.7	7.2	7.5	7.6	7.9	8.4
8H	6.7	7.0	7.2	7.4	7.9	7.3	7.6	7.7	8.0	8.5

Variations with the observer position at spacings:										
S = 1.0H	+ 2.3 / - 2.8					+ 2.4 / - 3.4				
1.5H	+ 4.3 / - 3.2					+ 4.4 / - 3.7				
2.0H	+ 3.2 / - 1.4					+ 1.3 / - 1.4				

CIE Pub.117 Corrected 1500 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.4)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	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	89	83	79	89	83	79	88	83	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	92	100	95	91	98	94	91	87
1.25	104	99	96	103	99	95	101	97	95	91
1.50	107	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

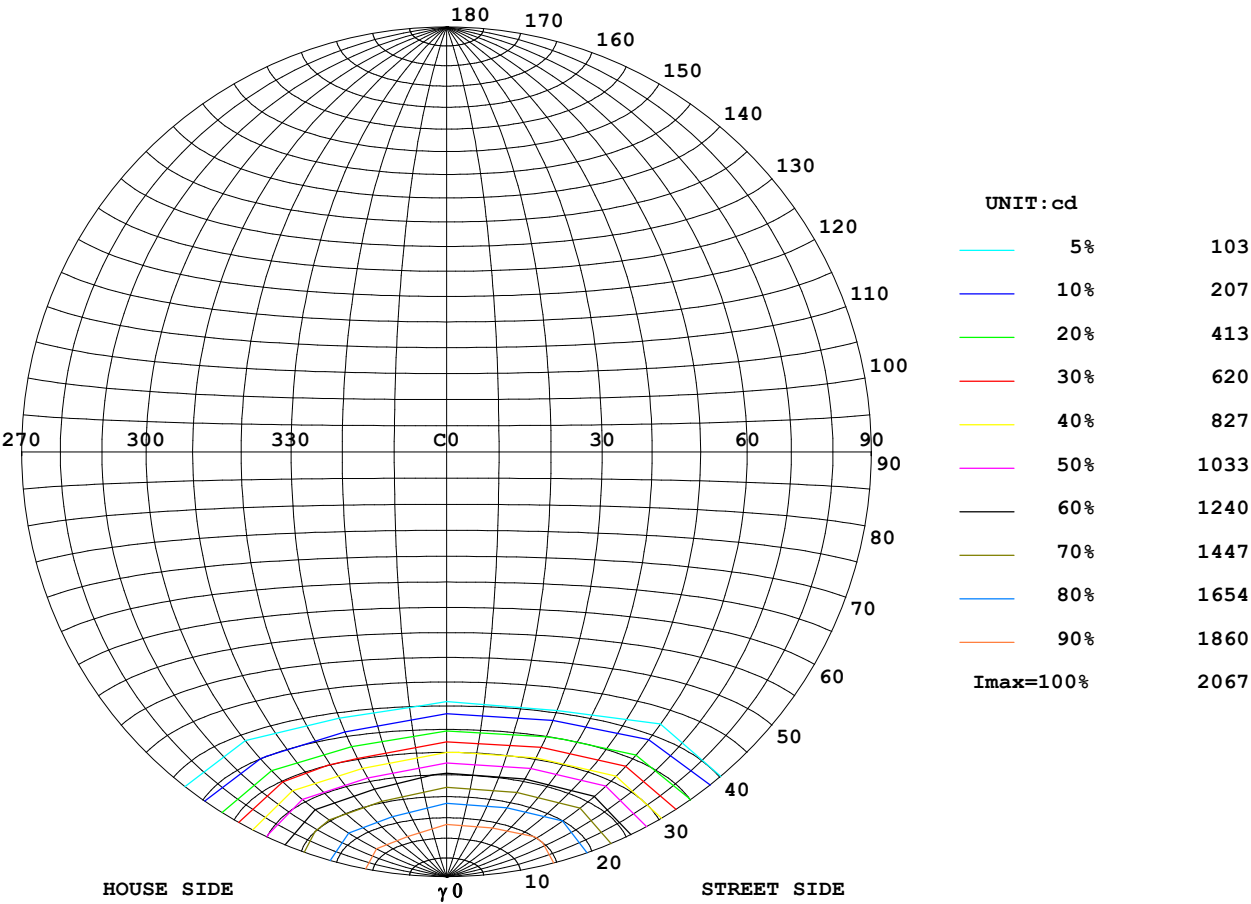
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

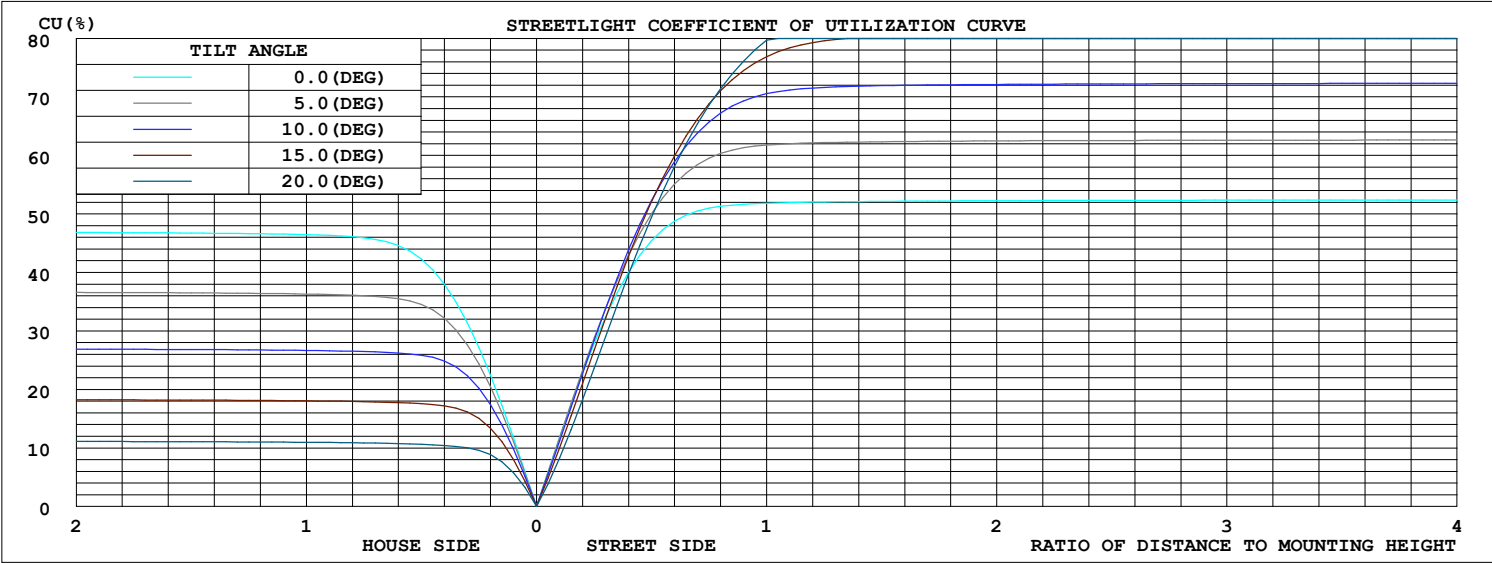
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 20.67 lx



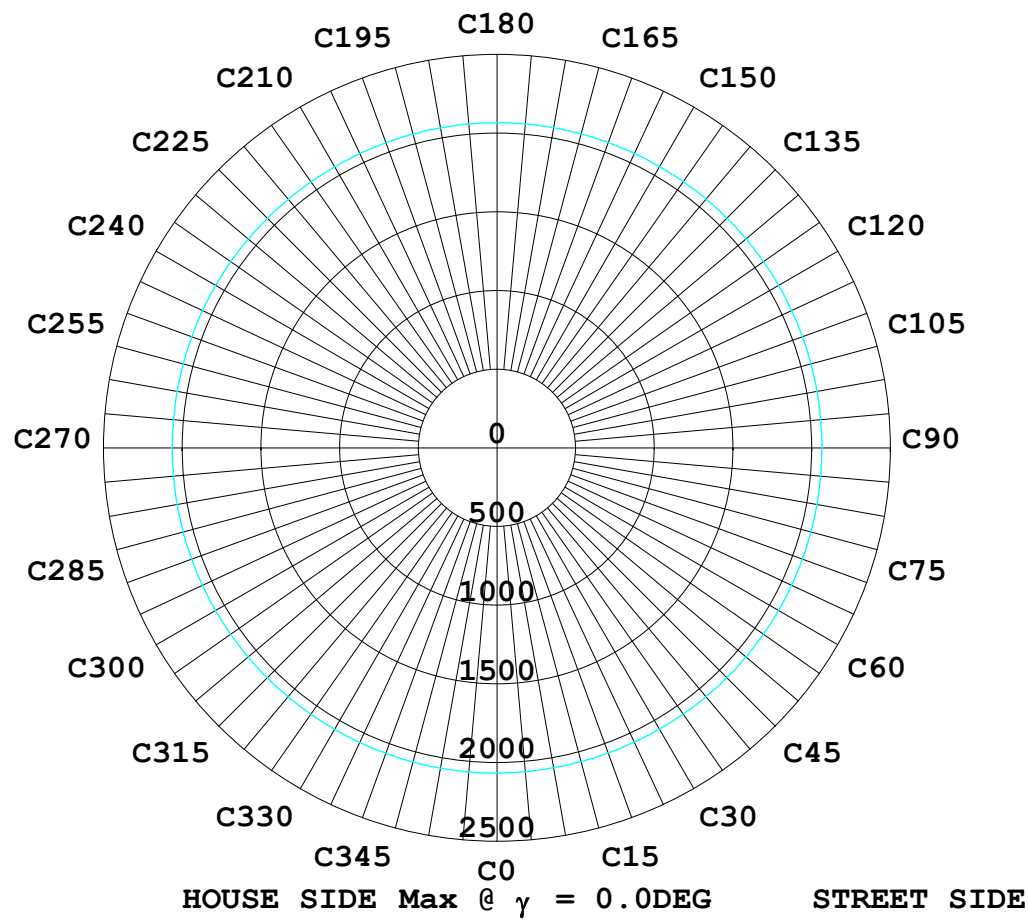
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2067	2063	2066	2064	2066	2065	2067	2063	2066	2064	2066	2065
5.0	2041	2042	2061	2053	2056	2034	2032	2027	2008	2018	2013	2028
10.0	1955	1960	1984	1979	1981	1945	1936	1926	1897	1915	1909	1947
15.0	1813	1823	1863	1850	1853	1783	1764	1746	1704	1734	1737	1797
20.0	1577	1598	1651	1623	1611	1511	1495	1476	1422	1463	1468	1557
25.0	1266	1288	1350	1306	1293	1166	1140	1109	1031	1090	1109	1236
30.0	822	855	932	865	833	689	648	622	552	603	630	775
35.0	384	403	465	411	388	267	247	204	184	204	240	352
40.0	116	110	146	106	112	69.0	66.0	73.5	48.6	72.0	63.9	106
45.0	47.4	34.9	50.7	32.2	42.9	23.5	24.3	34.1	19.6	33.2	23.3	43.3
50.0	27.2	17.0	28.1	15.1	24.3	12.2	14.1	22.4	11.7	21.7	12.7	25.5
55.0	18.3	9.80	18.3	8.66	16.6	7.53	9.39	15.7	7.37	15.2	7.93	17.3
60.0	13.2	6.07	13.1	5.50	11.9	4.69	6.31	11.3	4.53	10.8	4.77	12.2
65.0	9.63	3.72	9.47	3.32	8.82	2.91	4.45	8.42	2.67	8.10	2.83	8.91
70.0	7.37	2.34	7.20	2.18	6.80	1.86	3.24	6.31	1.62	6.07	1.70	6.64
75.0	5.99	1.78	5.75	1.53	5.50	1.45	2.83	5.18	1.21	5.02	1.21	5.18
80.0	5.34	1.70	5.10	1.45	4.94	1.53	2.99	4.61	1.29	4.53	1.21	4.69
85.0	5.10	1.94	4.69	1.62	4.61	1.70	3.07	4.21	1.29	4.13	1.21	4.29
90.0	4.77	2.51	4.37	2.18	4.21	2.26	4.29	3.80	1.78	3.64	1.70	3.72

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K