



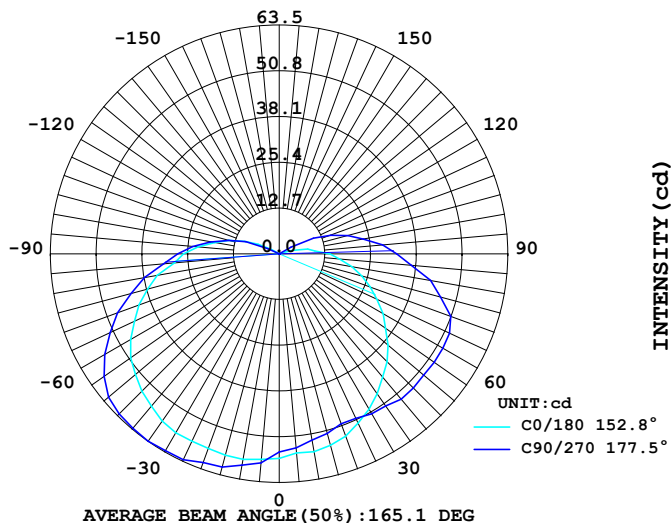
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

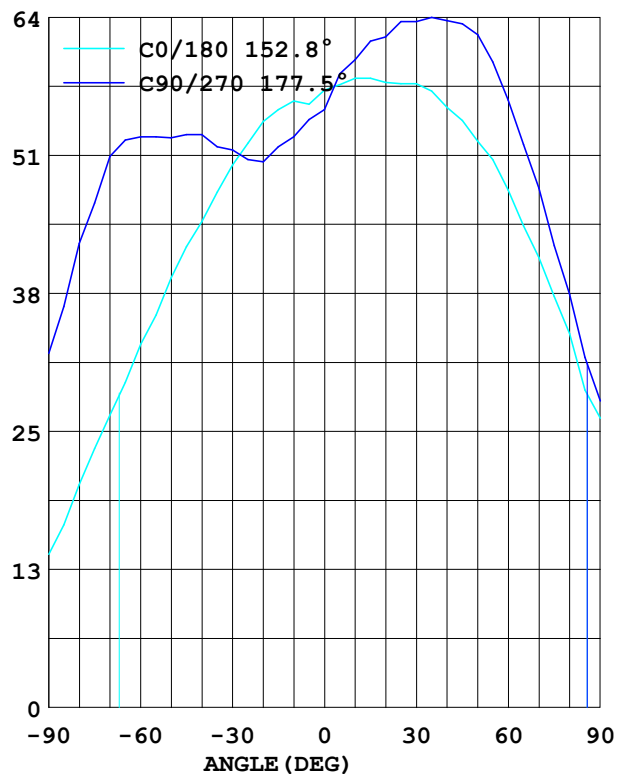
MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235	TYPE: LED		WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

DATA OF LAMP		Imax(cd)	63.50	S/MH (C0/180)	1.31
MODEL	FSN-4235	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.45
NOMINAL POWER(W)	5	TOTAL FLUX(lm)	325.66	Voltage(V)	120.0
RATED VOLTAGE (V)	120	EFFICIENCY (lm/W)	69.3	Current(A)	0.044
NOMINAL FLUX(lm)	325.7	η up (%)	13.2	Power(W)	4.700
LAMPS QUANTITY	1	η down (%)	86.8	Power Factor (PF)	0.887
TEST VOLTAGE (V)	120.1	Effective Flux(lm)	323.3	EEL	0.163

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPPO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 06 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 01

Color Temperature Data List

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K) : 3000	DIMENSION: --	SERIAL No.: 01

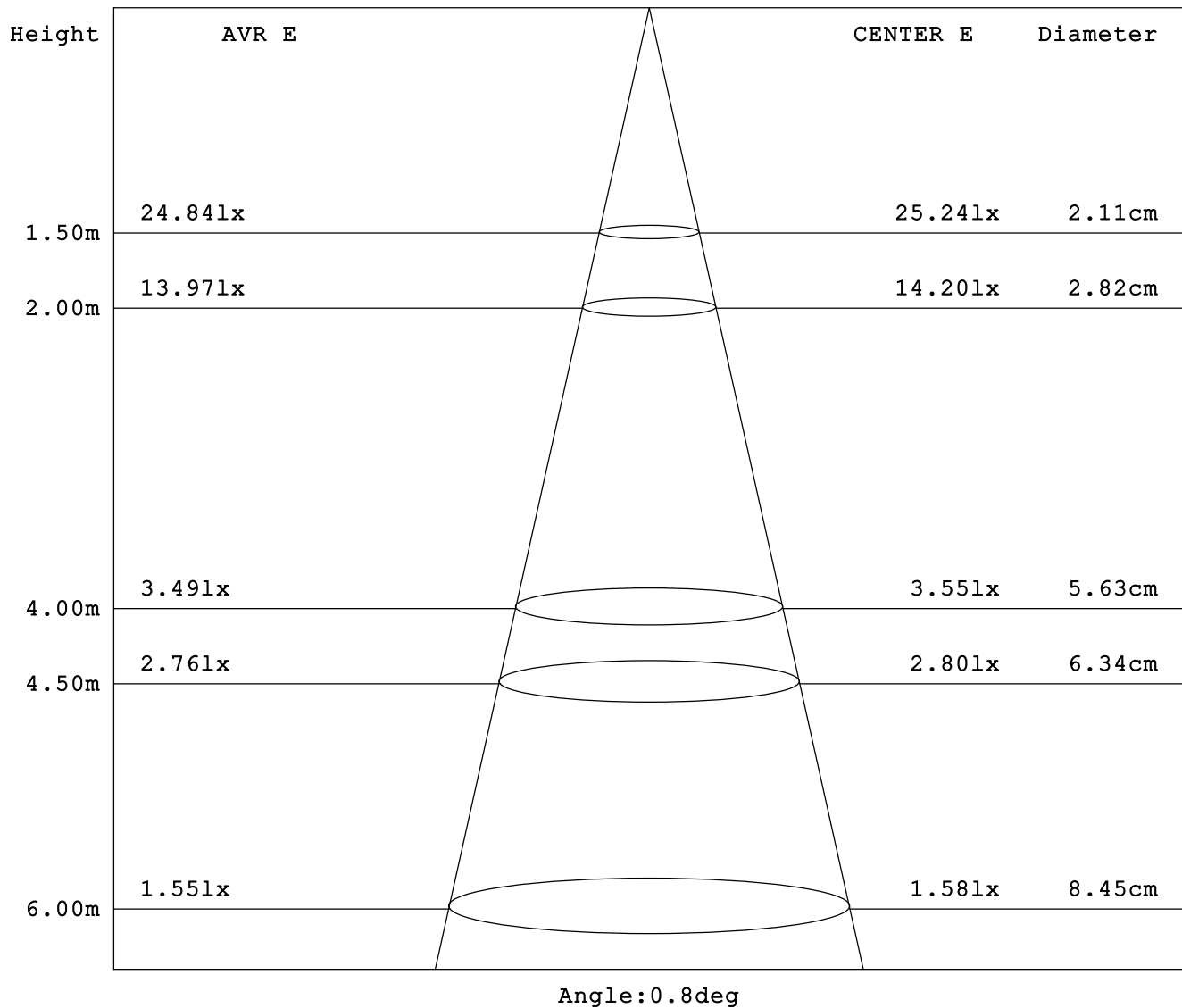
Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 06 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



Test System: HOPOO HPG2000
 Temperature: 25.3DEG
 Operators:
 Test Date: July 06 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 01

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

γ	C0	C90	C180	C270					γ	Zone	total
10.0	55.80	52.49	57.90	59.60					0- 10	5.374	5.374
20.0	53.89	50.19	57.50	61.69					10- 20	15.95	21.32
30.0	49.90	51.30	57.40	63.09					20- 30	25.75	47.08
40.0	44.70	52.70	55.19	63.20					30- 40	34.37	81.46
50.0	39.50	52.39	52.10	61.90					40- 50	40.91	122.3
60.0	33.39	52.49	47.60	55.90					50- 60	44.38	166.7
70.0	26.90	50.70	41.40	47.79					60- 70	44.18	210.9
80.0	20.50	42.69	34.40	38.00					70- 80	39.87	250.8
90.0	14.10	32.60	26.60	28.20					80- 90	31.85	282.6
100.0	8.100	23.80	18.29	19.40					90-100	23.32	305.9
110.0	1.200	15.29	10.30	9.900					100-110	14.04	320.0
120.0	0	3.800	2.600	0					110-120	5.255	325.2
130.0	0	0	0	0					120-130	0.370	325.6
140.0	0	0	0	0					130-140	0	325.6
150.0	0	0	0	0					140-150	0	325.6
160.0	0	0	0	0					150-160	0	325.6
170.0	0	0	0	0					160-170	0	325.6
180.0	0	0	0	0					170-180	0	325.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 06 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 01

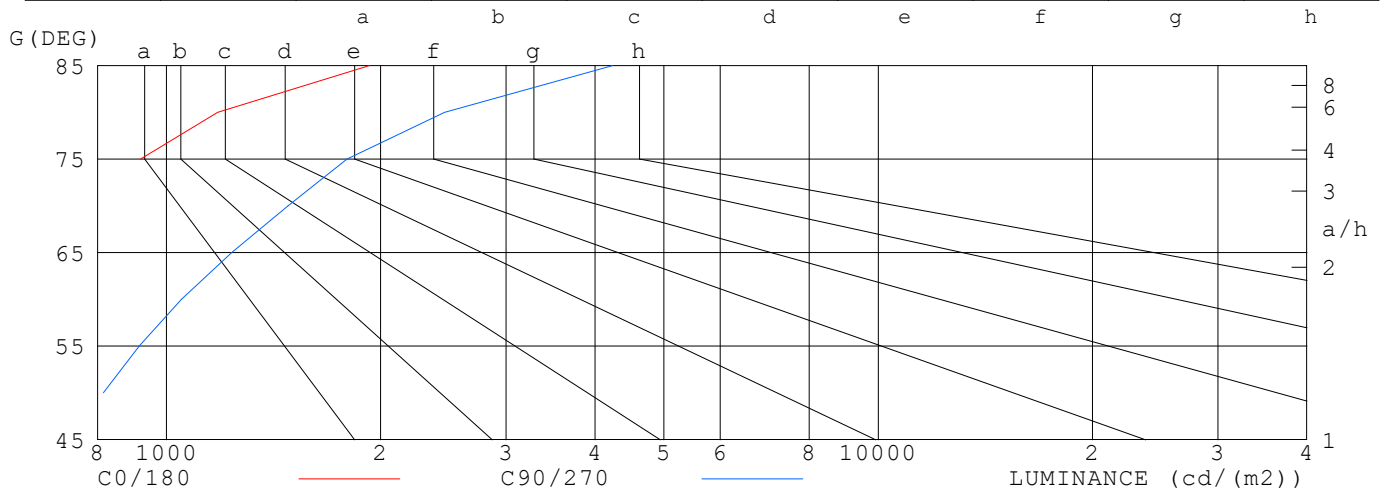
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

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	1928	4234
80	1181	2459
75	920	1793
70	787	1482
65	707	1235
60	668	1050
55	629	915
50	615	815
45	600	745

Test System: HOPOO HPG2000
 Temperature: 25.3 DEG
 Operators:
 Test Date: July 06 2020

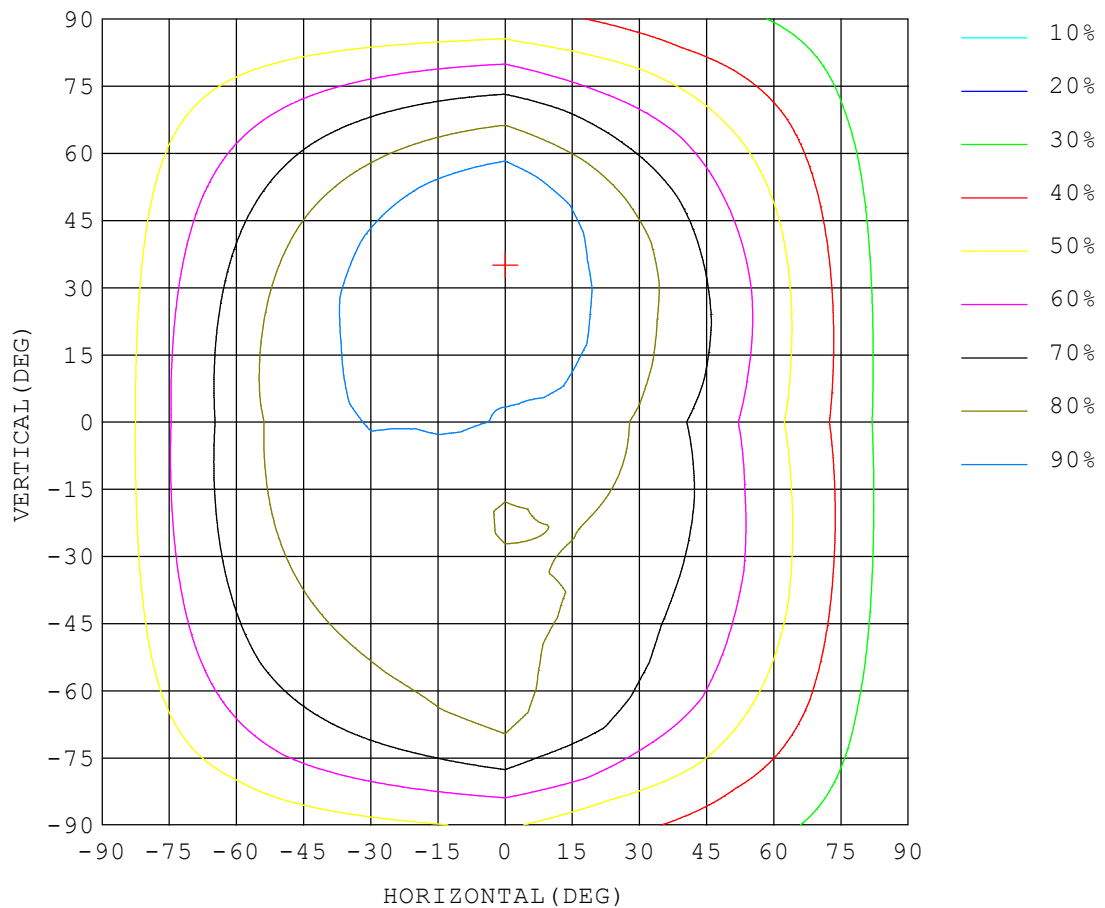
Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 01

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

UNIT: cd



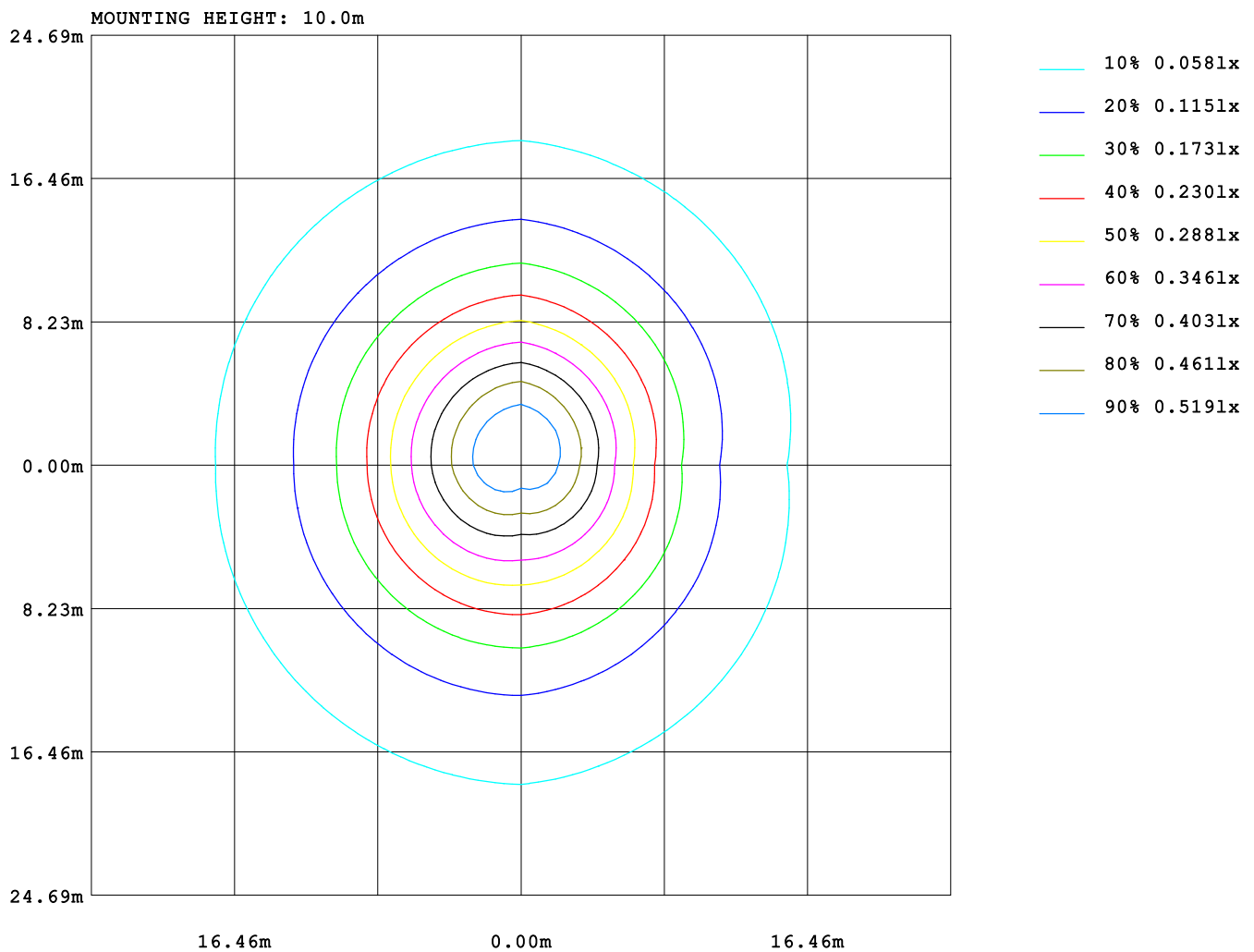
Test System: HOPOO HPG2000
Temperature: 25.3 DEG
Operators:
Test Date: July 06 2020

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 01

ISOLUX DIAGRAM

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



Test System: HOPOO HPG2000
Temperature: 25.3DEG
Operators:
Test Date: July 06 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 01

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: Justice Design Group, LLC																			
Address:																			
NAME: FSN-4235										TYPE: LED					WEIGHT: --				
SPECIFICATION: --					CCT (K): 3000					DIMENSION: --					SERIAL No.: 01				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.07	0.22	0.36	0.51	0.64	0.76	0.87	0.94	0.98	0.96	0.88	0.77	0.64	0.51	0.37	0.25	0.14	0.04	9.91	9.91			
90																							
80	0.07	0.23	0.41	0.60	0.78	0.96	1.10	1.21	1.28	1.25	1.14	0.99	0.82	0.63	0.45	0.29	0.15	0.04	12.4	12.4			
70	0.07	0.25	0.46	0.68	0.91	1.12	1.31	1.46	1.55	1.52	1.38	1.19	0.97	0.74	0.52	0.32	0.16	0.04	14.6	14.6			
60	0.08	0.26	0.49	0.75	1.00	1.26	1.48	1.66	1.77	1.74	1.57	1.35	1.10	0.83	0.58	0.36	0.17	0.05	16.5	16.5			
50	0.08	0.28	0.52	0.80	1.09	1.36	1.59	1.77	1.87	1.85	1.69	1.46	1.19	0.91	0.62	0.38	0.18	0.05	17.7	17.7			
40	0.08	0.29	0.55	0.84	1.14	1.41	1.63	1.79	1.89	1.87	1.71	1.50	1.24	0.95	0.65	0.39	0.19	0.05	18.2	18.2			
30	0.08	0.30	0.56	0.87	1.17	1.43	1.64	1.79	1.88	1.86	1.71	1.51	1.25	0.97	0.67	0.40	0.19	0.05	18.3	18.3			
	0.08	0.30	0.57	0.88	1.17	1.43	1.63	1.75	1.83	1.81	1.69	1.49	1.24	0.96	0.67	0.40	0.19	0.05	18.1	18.1			
	0.08	0.30	0.57	0.88	1.16	1.41	1.60	1.71	1.76	1.73	1.64	1.46	1.20	0.93	0.65	0.39	0.19	0.05	17.7	17.7			
	0.08	0.30	0.57	0.88	1.15	1.39	1.56	1.65	1.67	1.65	1.58	1.42	1.18	0.92	0.64	0.39	0.19	0.05	17.3	17.3			
	0.08	0.30	0.57	0.87	1.14	1.37	1.52	1.58	1.59	1.57	1.52	1.39	1.17	0.93	0.65	0.40	0.20	0.05	16.9	16.9			
	0.08	0.30	0.57	0.86	1.12	1.34	1.49	1.56	1.56	1.53	1.49	1.36	1.16	0.92	0.65	0.40	0.20	0.05	16.6	16.6			
-30	0.08	0.29	0.55	0.83	1.09	1.31	1.47	1.56	1.58	1.55	1.48	1.34	1.14	0.90	0.65	0.40	0.19	0.05	16.5	16.5			
-40	0.08	0.28	0.53	0.80	1.06	1.28	1.44	1.54	1.59	1.56	1.46	1.31	1.10	0.88	0.63	0.39	0.19	0.05	16.2	16.2			
-50	0.08	0.27	0.50	0.76	1.01	1.23	1.40	1.52	1.58	1.55	1.44	1.27	1.07	0.84	0.60	0.37	0.18	0.05	15.7	15.7			
-60	0.08	0.25	0.47	0.70	0.94	1.16	1.34	1.47	1.55	1.53	1.40	1.22	1.01	0.78	0.55	0.34	0.17	0.04	15.0	15.0			
-70	0.07	0.24	0.42	0.63	0.83	1.01	1.18	1.31	1.39	1.36	1.24	1.07	0.88	0.68	0.48	0.30	0.15	0.04	13.3	13.3			
-80	0.07	0.22	0.38	0.54	0.69	0.83	0.96	1.05	1.11	1.09	0.99	0.86	0.71	0.56	0.41	0.27	0.14	0.04	10.9	10.9			
-90																							
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																							
Φ t	1.40	4.87	9.08	13.6	18.1	22.1	25.2	27.4	28.5	28.0	26.0	23.0	19.1	14.8	10.4	6.44	3.17	0.83	326				
Φ a	1.40	4.87	9.08	13.6	18.1	22.1	25.2	27.4	28.5	28.0	26.0	23.0	19.1	14.8	10.4	6.44	3.17	0.83		323			

Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 06 2020

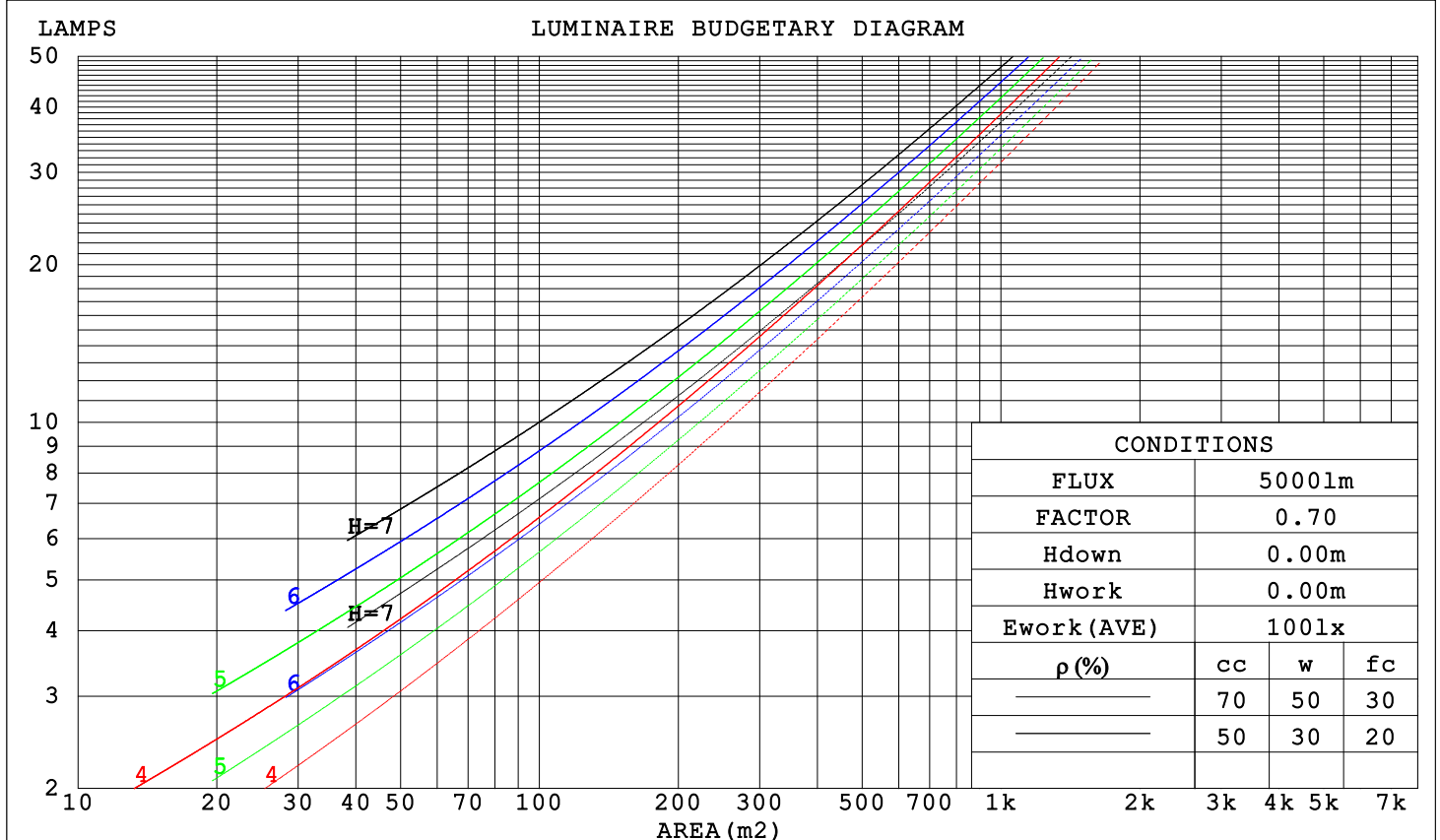
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 01

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: Justice Design Group, LLC															
Address:															
NAME: FSN-4235								TYPE: LED				WEIGHT: --			
SPECIFICATION: --				CCT (K): 3000				DIMENSION: --				SERIAL No.: 01			

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	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.97	.97	.97	.90	.90	.90	.87
1.0	.94	.89	.83	.91	.85	.80	.84	.80	.75	.78	.74	.71	.72	.69	.66	.63
2.0	.80	.71	.64	.77	.69	.62	.71	.64	.59	.65	.60	.55	.60	.56	.52	.49
3.0	.68	.59	.51	.66	.57	.50	.61	.53	.47	.56	.50	.44	.52	.46	.42	.39
4.0	.60	.50	.42	.57	.48	.41	.53	.45	.39	.49	.42	.37	.45	.40	.35	.32
5.0	.53	.42	.35	.51	.41	.34	.47	.39	.33	.43	.36	.31	.40	.34	.29	.27
6.0	.47	.37	.30	.45	.36	.29	.42	.34	.28	.39	.32	.27	.36	.30	.25	.23
7.0	.42	.33	.26	.41	.32	.25	.38	.30	.24	.35	.28	.23	.33	.27	.22	.20
8.0	.38	.29	.23	.37	.28	.22	.34	.27	.21	.32	.25	.20	.30	.24	.19	.17
9.0	.35	.26	.20	.34	.25	.20	.32	.24	.19	.29	.23	.18	.28	.22	.17	.15
10.0	.32	.24	.18	.31	.23	.18	.29	.22	.17	.27	.21	.16	.25	.20	.16	.14



Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 06 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 01

GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER: Justice Design Group, LLC															
Address:															
NAME: FSN-4235								TYPE: LED				WEIGHT: --			
SPECIFICATION: --				CCT (K): 3000				DIMENSION: --				SERIAL No.: 01			

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						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.429	.244	.077	.418	.238	.076	.397	.227	.073	.377	.217	.070	.359	.208	.067	
2.0	.364	.200	.061	.354	.195	.060	.335	.186	.058	.317	.178	.056	.301	.170	.054	
3.0	.320	.170	.051	.310	.166	.050	.293	.159	.048	.277	.152	.047	.262	.145	.045	
4.0	.285	.148	.044	.277	.145	.043	.261	.138	.041	.246	.132	.040	.233	.126	.039	
5.0	.257	.131	.038	.250	.128	.037	.235	.123	.036	.222	.117	.035	.210	.112	.034	
6.0	.234	.117	.034	.227	.115	.033	.214	.110	.032	.202	.105	.031	.191	.101	.030	
7.0	.215	.106	.030	.209	.104	.030	.197	.100	.029	.186	.095	.028	.176	.091	.027	
8.0	.198	.097	.027	.193	.095	.027	.182	.091	.026	.172	.087	.025	.163	.083	.024	
9.0	.184	.089	.025	.179	.087	.025	.169	.084	.024	.160	.080	.023	.151	.077	.022	
10.0	.172	.082	.023	.167	.081	.023	.158	.078	.022	.150	.074	.021	.142	.071	.020	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.291	.291	.291	.249	.249	.249	.170	.170	.170	.098	.098	.098	.031	.031	.031	
1.0	.290	.257	.226	.248	.220	.195	.170	.151	.135	.098	.088	.078	.031	.028	.025	
2.0	.284	.234	.191	.243	.201	.165	.167	.139	.115	.096	.081	.068	.031	.026	.022	
3.0	.277	.217	.170	.237	.187	.147	.163	.130	.103	.094	.076	.061	.030	.025	.020	
4.0	.269	.205	.156	.231	.177	.136	.159	.123	.095	.092	.072	.056	.030	.024	.019	
5.0	.261	.195	.147	.224	.169	.128	.154	.118	.090	.089	.069	.053	.029	.023	.018	
6.0	.253	.187	.140	.217	.162	.122	.150	.113	.086	.087	.067	.051	.028	.022	.017	
7.0	.245	.181	.135	.211	.157	.118	.146	.110	.083	.085	.065	.050	.027	.021	.016	
8.0	.238	.175	.131	.205	.152	.114	.142	.107	.081	.083	.063	.048	.027	.021	.016	
9.0	.232	.170	.128	.200	.148	.112	.138	.104	.080	.081	.061	.047	.026	.020	.016	
10.0	.226	.166	.126	.195	.144	.110	.135	.101	.078	.079	.060	.047	.026	.020	.015	

Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 06 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01

GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR Table

Report number:

MANUFACTURER: Justice Design Group, LLC										
Address:										
NAME: FSN-4235					TYPE: LED			WEIGHT: --		
SPECIFICATION: --			CCT (K): 3000			DIMENSION: --			SERIAL No.: 01	

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				
x = 2H y = 2H						Viewed endwise				
3H						11.9	13.4	12.3	13.8	14.3
4H						15.0	16.5	15.5	16.9	17.5
6H						16.7	18.0	17.2	18.5	19.1
8H						18.4	19.7	18.9	20.2	20.8
12H						19.3	20.5	19.8	21.0	21.6
16.2						20.3	21.4	20.8	22.0	22.6
4H 2H						11.4	12.8	11.9	13.3	13.8
3H						12.6	14.0	13.1	14.4	15.0
4H						13.9	15.1	14.5	15.6	16.2
6H						15.3	16.4	15.9	16.9	17.6
8H						17.7	18.8	18.3	19.4	20.0
12H						16.7	17.7	17.3	18.2	18.9
8H						19.6	20.6	20.2	21.2	21.9
12H						17.3	18.3	17.9	18.9	19.5
4H						20.6	21.5	21.2	22.1	22.8
6H						18.1	19.0	18.7	19.6	20.3
8H						21.7	22.6	22.3	23.2	23.9
12H						16.2	17.2	16.8	17.8	18.4
4H						18.1	19.1	18.7	19.7	20.3
6H						17.9	18.7	18.5	19.3	20.0
8H						20.3	21.1	20.9	21.7	22.4
12H						18.7	19.5	19.4	20.1	20.8
4H						21.5	22.2	22.1	22.8	23.6
6H						19.7	20.4	20.4	21.0	21.8
8H						22.8	23.4	23.5	24.1	24.9
12H						16.5	17.3	17.1	18.0	18.7
4H						18.2	19.1	18.8	19.7	20.4
6H						18.3	19.0	18.9	19.6	20.4
8H						20.4	21.2	21.1	21.8	22.5
12H						19.3	19.9	19.9	20.6	21.3
4H						21.7	22.3	22.4	23.0	23.8

Variations with the observer position at spacings:

S = 1.0H	+ 0.1 / - 0.1	+ 0.1 / - 0.1
1.5H	+ 0.2 / - 0.3	+ 0.1 / - 0.2
2.0H	+ 0.3 / - 0.4	+ 0.2 / - 0.3

CIE Pub.117 Corrected 325.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.9)

Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 06 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

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) $k(RI) \times RCR = 5$									
$k = 0.60$	46	33	25	45	32	25	43	32	25	18
0.80	55	41	32	53	40	32	51	39	32	24
1.00	62	49	40	61	48	39	58	49	39	30
1.25	69	56	47	67	55	46	64	53	45	36
1.50	75	61	52	72	60	51	68	58	50	40
2.00	82	70	61	80	68	60	75	65	58	47
2.50	87	76	67	84	74	66	79	70	63	51
3.00	91	81	73	88	79	71	82	74	68	56
4.00	96	87	80	93	85	78	86	80	74	61
5.00	99	92	85	96	89	83	89	83	78	65
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

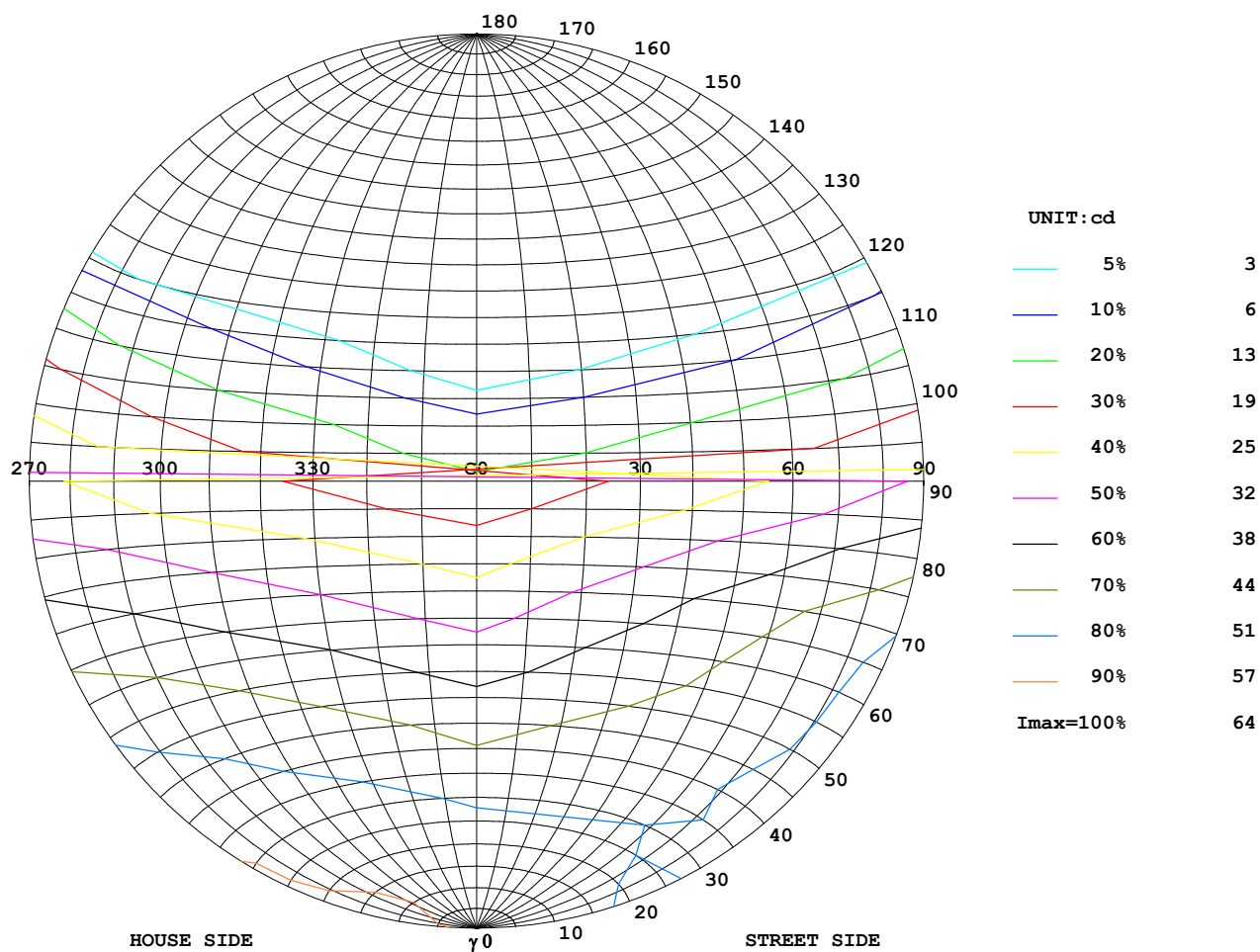
Test System: HOPOO HPG2000
 Temperature: 25.3 DEG
 Operators:
 Test Date: July 06 2020

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 01

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235	TYPE: LED		WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



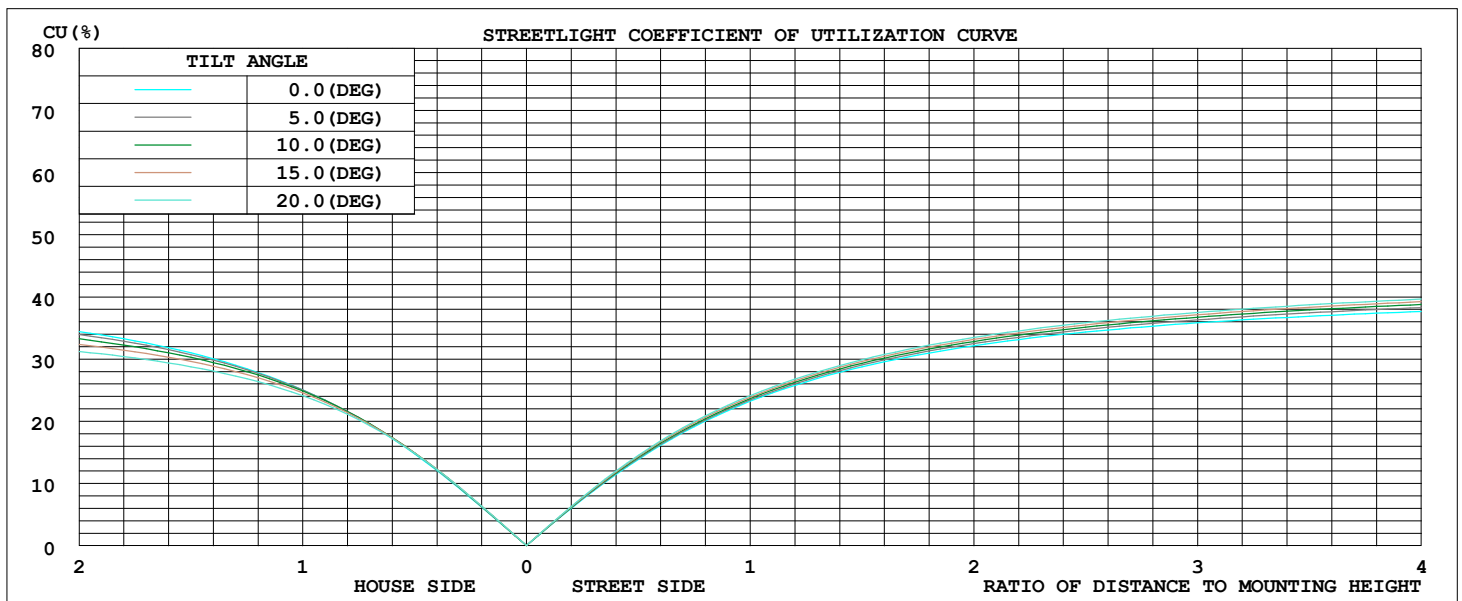
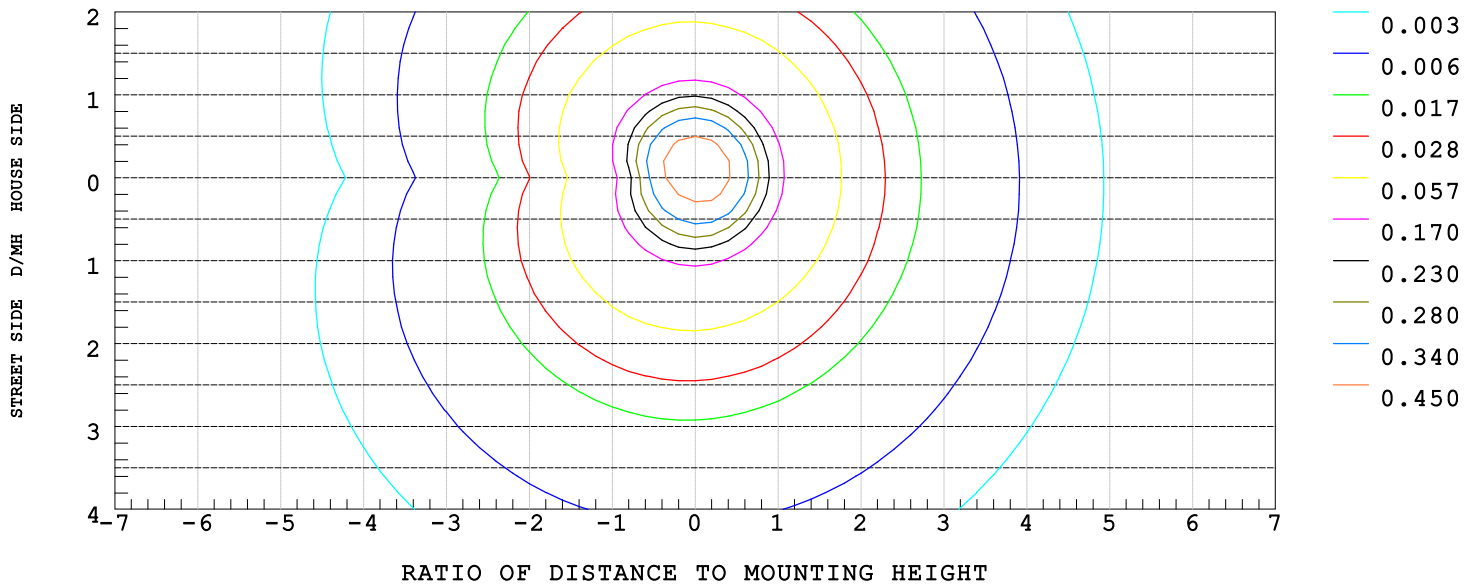
Test System: HOPOO HPG2000
Temperature: 25.3 DEG
Operators:
Test Date: July 06 2020

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 01

ISOLUX DIAGRAM

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

ILLUMINANCE AT MH=10 m, $E_{nadir} = 0.57 \text{ lx}$ 

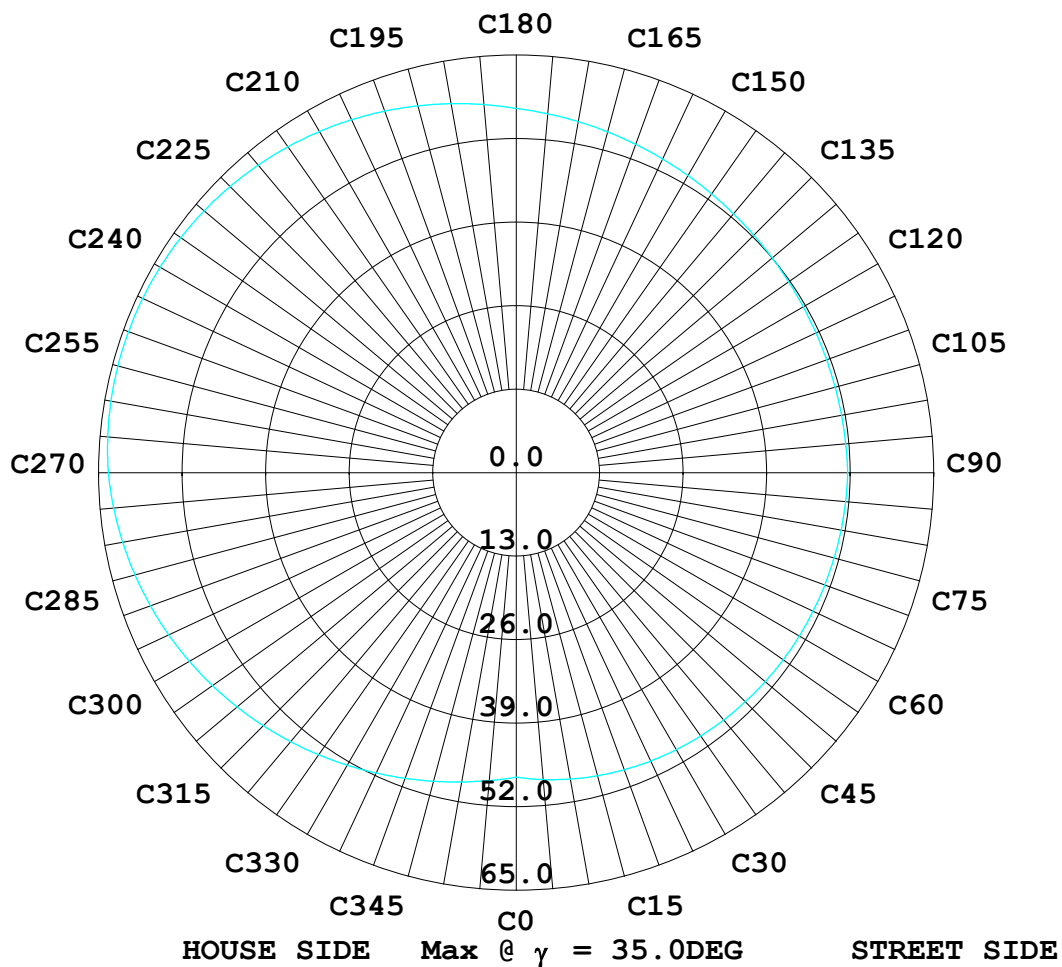
Test System: HOPOO HPG2000
Temperature: 25.3 DEG
Operators:
Test Date: July 06 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 01

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



Test System: HOPOO HPG2000
Temperature: 25.3DEG
Operators:
Test Date: July 06 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 01

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4235		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

UNIT: cd

C (DEG)				
γ (DEG)	0	90	180	270
0.0	56.8	55.0	56.8	55.0
5.0	55.5	54.1	57.3	58.2
10.0	55.8	52.4	57.9	59.6
15.0	55.0	51.5	57.9	61.2
20.0	53.8	50.1	57.5	61.6
25.0	51.8	50.4	57.4	63.0
30.0	49.9	51.3	57.4	63.0
35.0	47.4	51.5	56.6	63.5
40.0	44.7	52.7	55.1	63.2
45.0	42.3	52.7	54.0	62.9
50.0	39.5	52.3	52.1	61.9
55.0	36.0	52.4	50.4	59.3
60.0	33.3	52.4	47.6	55.9
65.0	29.9	52.2	44.2	51.7
70.0	26.9	50.7	41.4	47.7
75.0	23.8	46.3	37.7	42.5
80.0	20.5	42.6	34.4	38.0
85.0	16.7	36.8	29.1	32.2
90.0	14.1	32.6	26.6	28.2
95.0	9.90	28.7	22.6	24.1
100.0	8.10	23.8	18.2	19.4
105.0	4.00	19.7	14.5	14.5
110.0	1.20	15.2	10.3	9.90
115.0	0.00	10.5	6.50	3.50
120.0	0.00	3.80	2.60	0.00
125.0	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00

Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 06 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01