



LUMINAIRE PHOTOMETRIC TEST REPORT

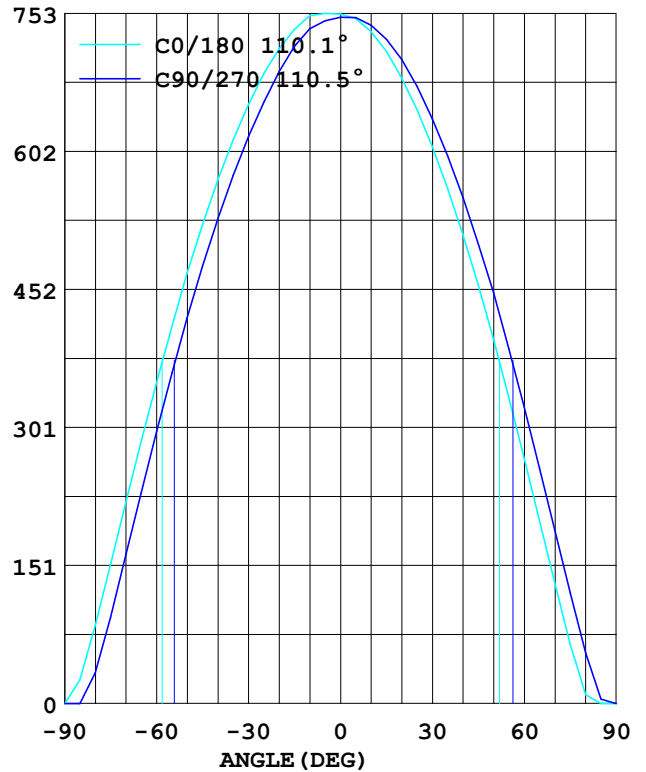
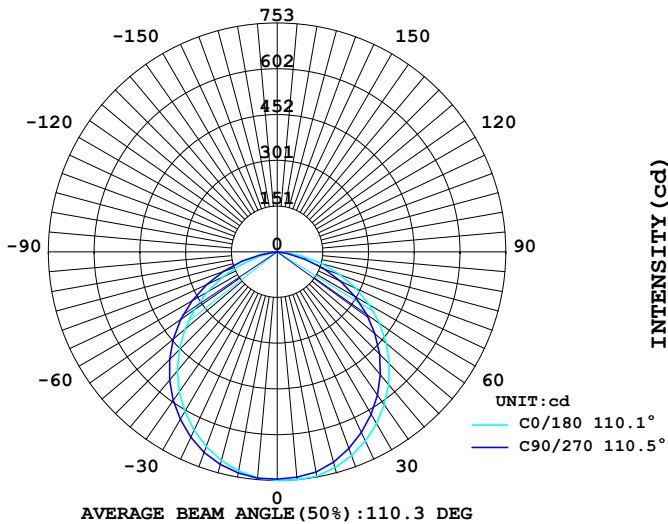
Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4182	TYPE: LED	WEIGHT: --	
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

DATA OF LAMP		Imax (cd)	752.8	S/MH (C0/180)	1.29
MODEL	FSN-4182	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.23
NOMINAL POWER (W)	40	TOTAL FLUX (lm)	2031.5	Voltage (V)	119.4
RATED VOLTAGE (V)	120	EFFICIENCY (lm/W)	50.0	Current (A)	0.362
NOMINAL FLUX (lm)	2031.5	η up (%)	0.0	Power (W)	40.59
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.938
TEST VOLTAGE (V)	119.4	Effective Flux (lm)	2001.5	EET	0.276

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG2000
 Temperature: 25.3 DEG
 Operators:
 Test Date: July 01 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-4182		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

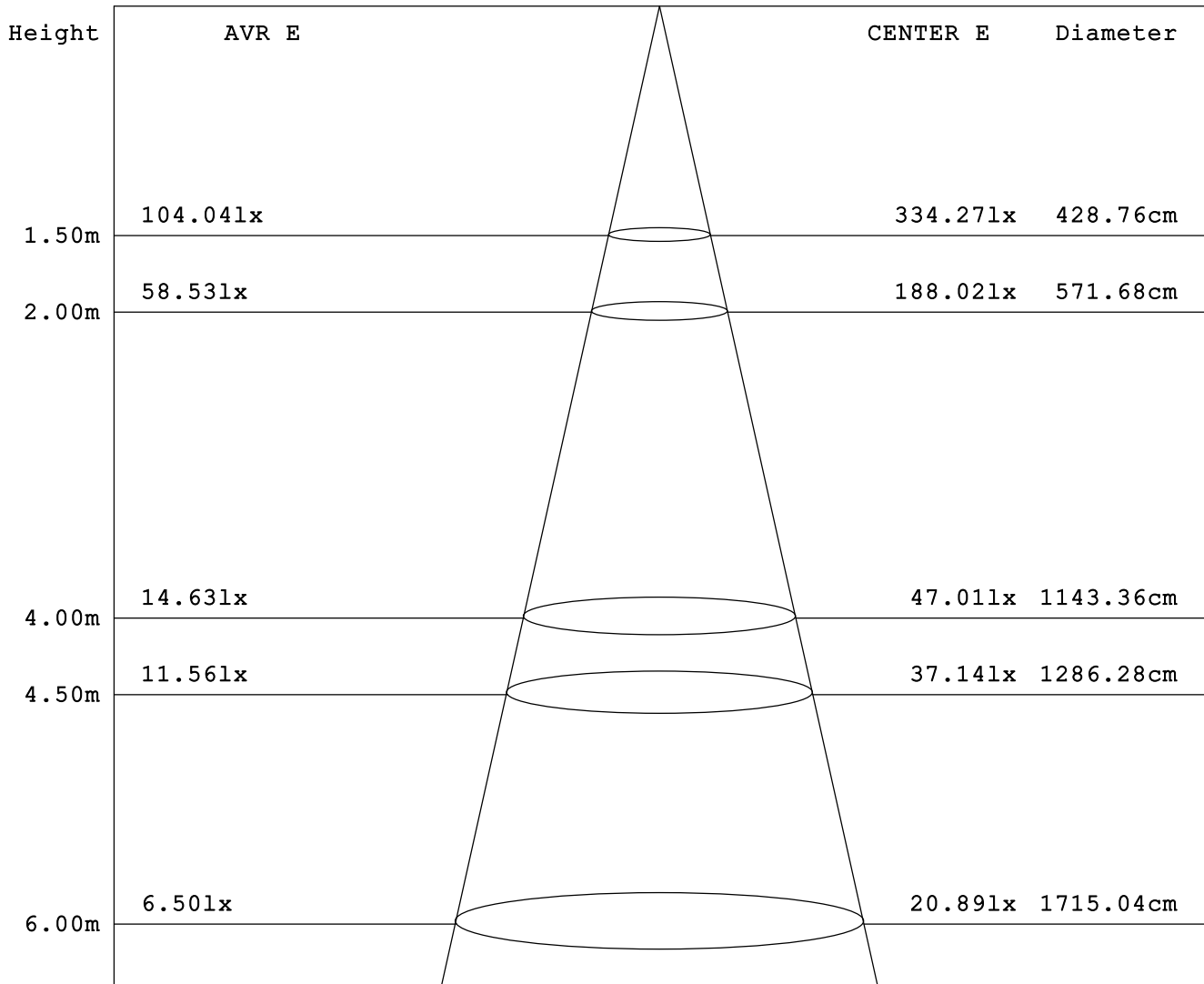
Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4182		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



Angle:110.0deg

Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 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-4182		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

γ	C0	C90	C180	C270					γ	Zone	total
10.0	750.2	735.7	732.7	739.7					0- 10	71.13	71.13
20.0	714.2	689.5	682.7	702.7					10- 20	203.6	274.8
30.0	653.7	618.6	607.3	637.7					20- 30	306.9	581.7
40.0	571.0	528.5	511.2	552.0					30- 40	367.4	949.1
50.0	469.5	420.5	396.3	447.5					40- 50	376.9	1326
60.0	350.2	297.0	267.7	323.6					50- 60	333.2	1659
70.0	219.7	162.6	131.1	188.6					60- 70	240.4	1900
80.0	84.89	33.29	9.600	55.50					70- 80	115.1	2015
90.0	0	0	0	0					80- 90	16.57	2032
100.0	0	0	0	0					90-100	0	2032
110.0	0	0	0	0					100-110	0	2032
120.0	0	0	0	0					110-120	0	2032
130.0	0	0	0	0					120-130	0	2032
140.0	0	0	0	0					130-140	0	2032
150.0	0	0	0	0					140-150	0	2032
160.0	0	0	0	0					150-160	0	2032
170.0	0	0	0	0					160-170	0	2032
180.0	0	0	0	0					170-180	0	2032
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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 Operators:
 Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
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 Remarks: 01

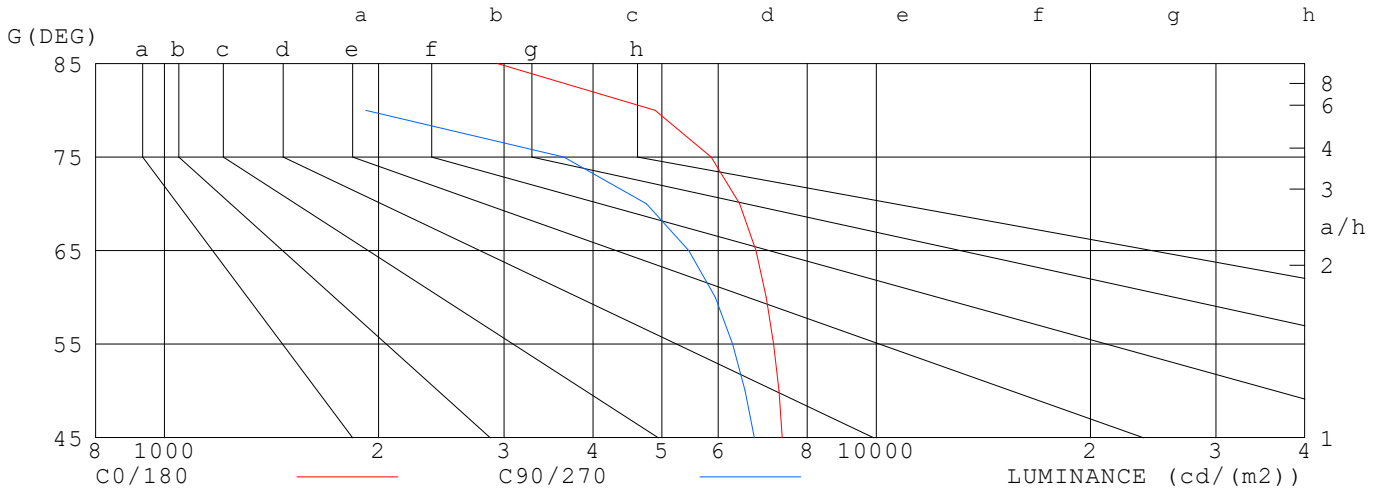
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4182	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	2937	0
80	4889	1918
75	5861	3640
70	6427	4754
65	6777	5452
60	7006	5940
55	7173	6285
50	7304	6542
45	7379	6742

Test System:HOPOO HPG2000
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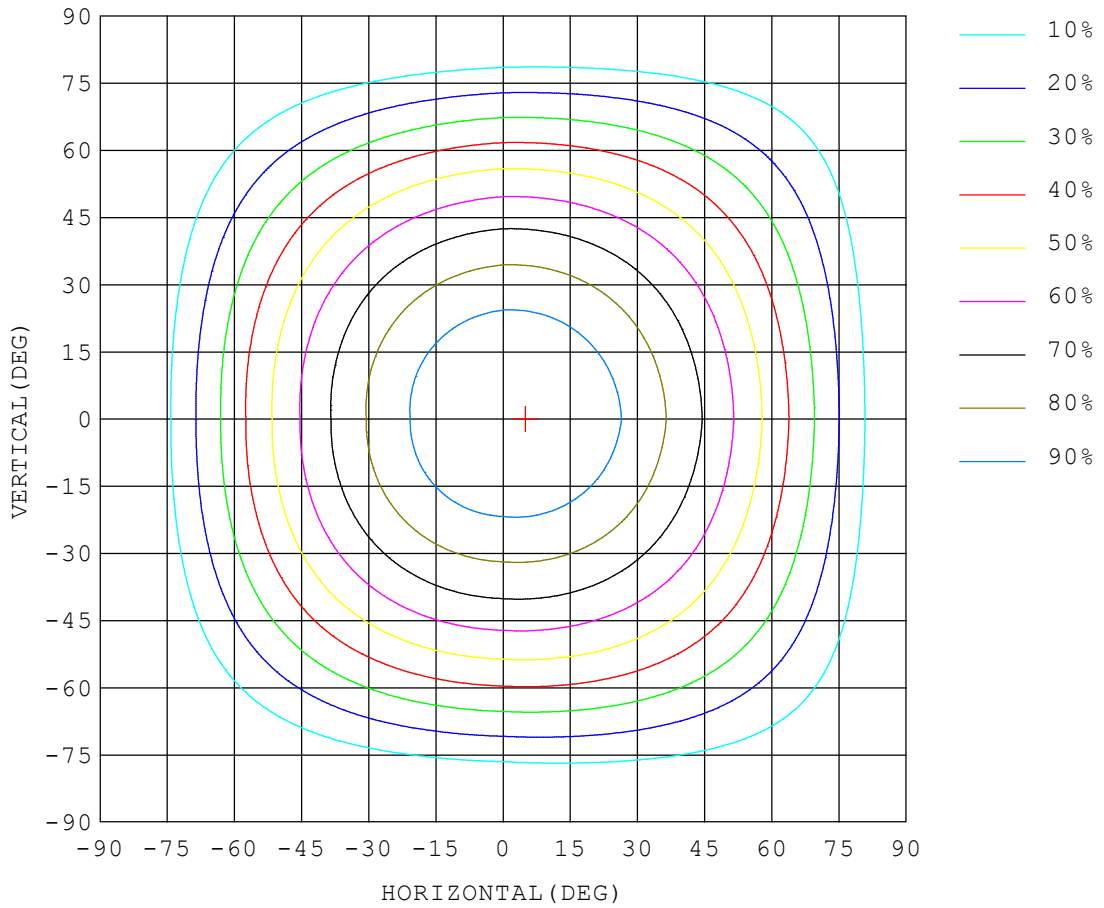
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ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4182		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

UNIT: cd



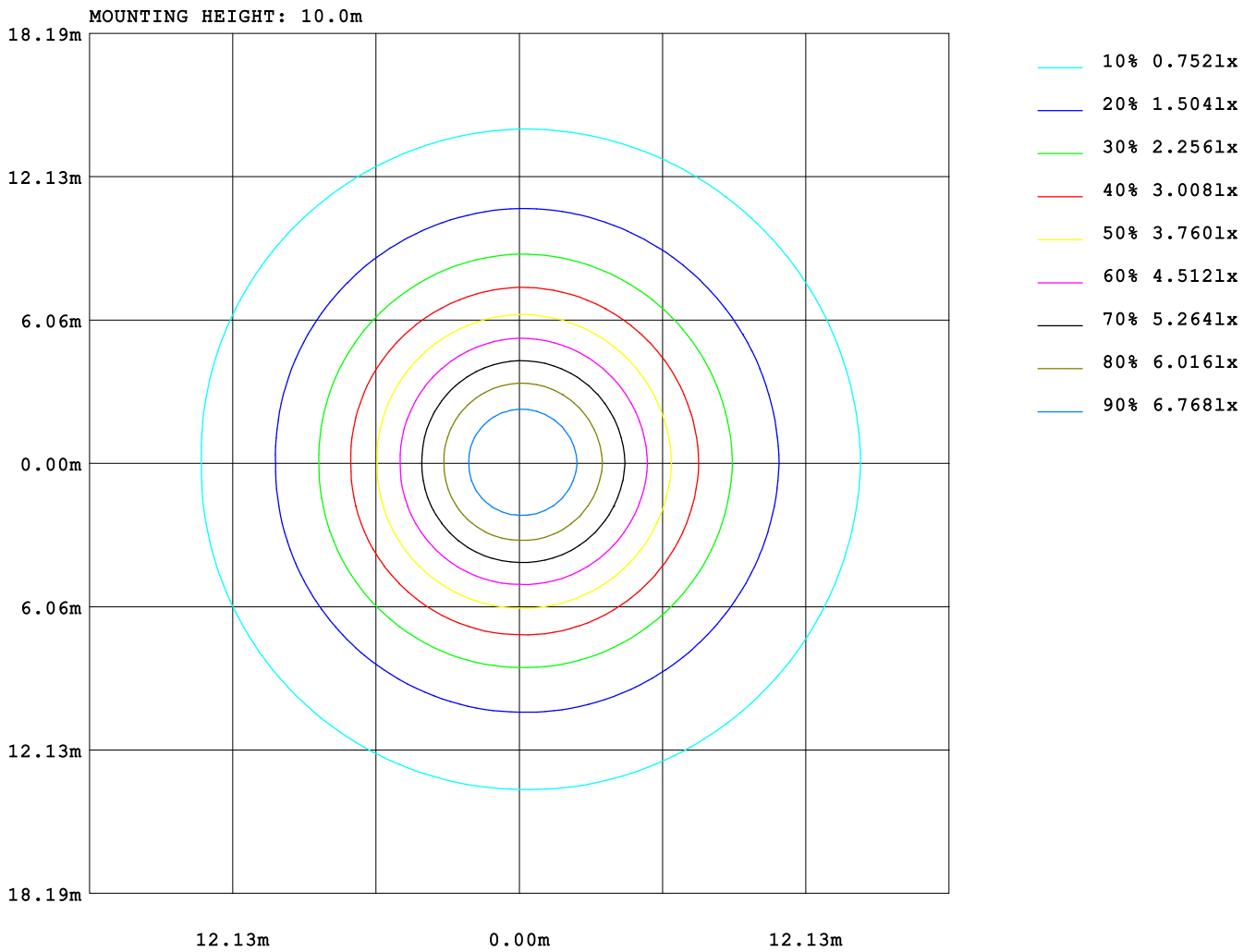
Test System: HOPOO HPG2000
 Temperature: 25.3 DEG
 Operators:
 Test Date: July 01 2020

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

ISOLUX DIAGRAM

Report number:

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Address:			
NAME: FSN-4182		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



Test System: HOPOO HPG2000
 Temperature: 25.3DEG
 Operators:
 Test Date: July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
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 Remarks: 01

GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4182	TYPE: LED	WEIGHT: --	
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm	Φ t	Φ a
	0.00	0.00	0.01	0.02	0.07	0.16	0.26	0.37	0.46	0.51	0.52	0.47	0.39	0.28	0.18	0.11	0.05	0.01	3.87	0.00
90	0.00	0.01	0.09	0.37	0.92	1.63	2.41	3.08	3.55	3.70	3.51	3.05	2.42	1.70	1.01	0.46	0.14	0.02	28.1	21.4
80	0.00	0.05	0.38	1.30	2.65	4.18	5.65	6.85	7.60	7.76	7.32	6.38	5.10	3.65	2.23	1.07	0.32	0.04	62.6	60.9
70	0.00	0.12	0.89	2.45	4.51	6.76	8.86	10.5	11.5	11.6	10.9	9.59	7.70	5.57	3.47	1.71	0.53	0.05	96.9	96.1
60	0.00	0.23	1.42	3.53	6.22	9.08	11.7	13.7	14.9	15.1	14.2	12.4	10.0	7.30	4.61	2.31	0.74	0.07	128	127
50	0.01	0.36	1.89	4.46	7.66	11.0	14.1	16.4	17.8	18.0	16.9	14.8	12.0	8.77	5.57	2.83	0.93	0.09	154	153
40	0.01	0.47	2.26	5.17	8.76	12.5	15.9	18.6	20.1	20.2	19.0	16.7	13.5	9.92	6.33	3.24	1.07	0.11	174	174
30	0.01	0.55	2.50	5.64	9.48	13.5	17.2	20.0	21.6	21.8	20.5	18.0	14.6	10.7	6.86	3.53	1.18	0.12	188	188
20	0.01	0.58	2.61	5.84	9.80	13.9	17.7	20.7	22.4	22.6	21.3	18.7	15.1	11.1	7.14	3.69	1.24	0.13	195	195
10	0.01	0.58	2.60	5.82	9.77	13.9	17.7	20.7	22.3	22.5	21.3	18.7	15.1	11.1	7.13	3.68	1.23	0.13	195	194
0	0.01	0.54	2.47	5.58	9.39	13.3	17.0	19.8	21.4	21.6	20.3	17.8	14.4	10.6	6.80	3.50	1.17	0.12	186	186
-10	0.01	0.46	2.22	5.09	8.61	12.3	15.6	18.2	19.6	19.8	18.7	16.4	13.3	9.78	6.24	3.20	1.06	0.11	171	171
-20	0.01	0.34	1.83	4.34	7.47	10.7	13.7	16.0	17.2	17.4	16.4	14.4	11.7	8.58	5.46	2.77	0.91	0.09	150	149
-30	0.00	0.21	1.35	3.40	6.00	8.75	11.2	13.1	14.2	14.4	13.6	12.0	9.71	7.08	4.47	2.24	0.72	0.07	123	122
-40	0.00	0.10	0.81	2.30	4.27	6.40	8.36	9.89	10.7	10.9	10.3	9.10	7.34	5.32	3.32	1.63	0.51	0.05	91.5	90.5
-50	0.00	0.03	0.31	1.14	2.38	3.80	5.15	6.22	6.86	7.02	6.69	5.88	4.72	3.38	2.07	1.00	0.30	0.04	57.0	55.1
-60	0.00	0.00	0.06	0.26	0.69	1.28	1.92	2.47	2.83	2.97	2.89	2.57	2.07	1.48	0.90	0.43	0.14	0.02	23.0	15.1
-70	0.00	0.00	0.00	0.00	0.03	0.07	0.13	0.19	0.24	0.29	0.34	0.34	0.31	0.24	0.16	0.10	0.04	0.01	2.50	0.00
-80	0.00	0.00	0.00	0.00	0.03	0.07	0.13	0.19	0.24	0.29	0.34	0.34	0.31	0.24	0.16	0.10	0.04	0.01	2.50	0.00
-90	0.00	0.00	0.00	0.00	0.03	0.07	0.13	0.19	0.24	0.29	0.34	0.34	0.31	0.24	0.16	0.10	0.04	0.01	2.50	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	0.08	4.62	23.7	56.7	98.7	144	185	217	236	239	225	198	160	117	74.0	37.5	12.2	1.25	2032	
Φ a	0.00	2.18	21.7	54.9	96.9	142	183	216	234	237	224	196	158	115	72.2	35.7	10.2	0.10		2001

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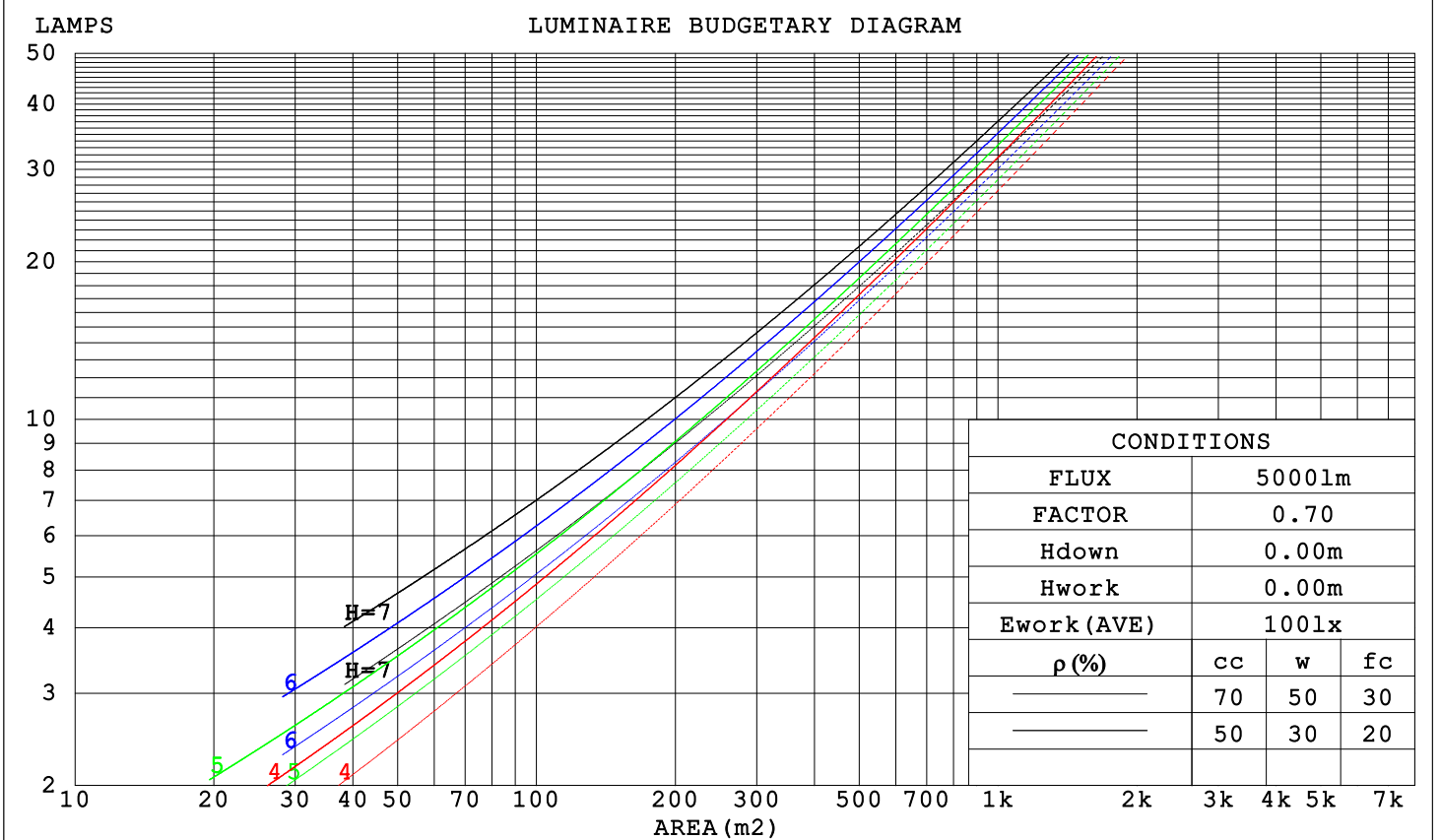
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
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 Remarks: 01

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: Justice Design Group, LLC															
Address:															
NAME: FSN-4182								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	1.19	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	1.05	1.01	.97	1.03	.99	.96	.98	.95	.93	.95	.92	.90	.91	.89	.87	.85
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.79	.75	.80	.77	.73	.71
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.65	.73	.68	.64	.71	.66	.63	.60
4.0	.72	.63	.56	.70	.62	.56	.68	.61	.55	.66	.59	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.48	.61	.54	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.48	.42	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.52	.44	.38	.52	.43	.37	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.39	.34	.47	.39	.33	.46	.38	.33	.45	.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



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GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

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Address:															
NAME: FSN-4182						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						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.290	.165	.052	.283	.162	.051	.270	.155	.050	.258	.149	.048	.247	.143	.046	
2.0	.279	.153	.047	.273	.150	.046	.261	.145	.045	.251	.141	.044	.241	.136	.043	
3.0	.261	.139	.042	.255	.137	.041	.245	.133	.040	.236	.129	.040	.227	.126	.039	
4.0	.242	.126	.037	.238	.124	.037	.229	.121	.036	.220	.118	.036	.212	.115	.035	
5.0	.225	.115	.033	.221	.113	.033	.213	.111	.033	.205	.108	.032	.198	.106	.032	
6.0	.210	.105	.030	.206	.104	.030	.199	.102	.030	.192	.100	.029	.186	.098	.029	
7.0	.196	.097	.027	.192	.096	.027	.186	.094	.027	.180	.092	.027	.174	.090	.027	
8.0	.183	.089	.025	.180	.089	.025	.174	.087	.025	.169	.086	.025	.164	.084	.024	
9.0	.172	.083	.023	.169	.082	.023	.164	.081	.023	.159	.080	.023	.155	.078	.023	
10.0	.162	.078	.022	.159	.077	.021	.155	.076	.021	.150	.075	.021	.146	.074	.021	

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	.179	.156	.136	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.171	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.163	.114	.076	.140	.099	.066	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.052	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.087	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.035	.084	.050	.024	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.115	.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	

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 Temperature:25.3DEG
 Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
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 Remarks: 01

UGR Table

Report number:

MANUFACTURER: Justice Design Group,LLC										
Address:										
NAME: FSN-4182					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					Viewed endwise				
x = 2H y = 2H	19.9	21.4	20.2	21.6	21.8	19.4	20.9	19.6	21.1	21.3
3H	21.5	22.9	21.8	23.1	23.3	20.6	22.0	20.9	22.2	22.4
4H	22.1	23.4	22.4	23.6	23.9	20.9	22.2	21.2	22.5	22.7
6H	22.4	23.6	22.7	23.9	24.2	20.9	22.2	21.3	22.4	22.7
8H	22.4	23.6	22.7	23.9	24.2	20.9	22.1	21.2	22.4	22.6
12H	22.4	23.5	22.8	23.8	24.1	20.8	22.0	21.2	22.3	22.6
4H 2H	20.5	21.8	20.8	22.0	22.3	20.0	21.3	20.3	21.6	21.8
3H	22.2	23.3	22.5	23.6	23.9	21.4	22.5	21.8	22.8	23.1
4H	22.8	23.9	23.2	24.2	24.5	21.8	22.8	22.2	23.1	23.5
6H	23.2	24.2	23.6	24.5	24.9	21.9	22.8	22.3	23.2	23.5
8H	23.3	24.1	23.7	24.5	24.9	21.8	22.7	22.3	23.1	23.4
12H	23.3	24.1	23.7	24.5	24.9	21.8	22.6	22.2	23.0	23.4
8H 4H	23.0	23.8	23.4	24.2	24.6	22.0	22.9	22.4	23.2	23.6
6H	23.4	24.1	23.9	24.5	25.0	22.2	22.9	22.6	23.3	23.7
8H	23.5	24.1	24.0	24.5	25.0	22.1	22.7	22.6	23.2	23.6
12H	23.6	24.1	24.0	24.5	25.0	22.1	22.6	22.6	23.1	23.5
12H 4H	22.9	23.7	23.4	24.1	24.5	22.0	22.8	22.4	23.2	23.6
6H	23.4	24.0	23.9	24.5	24.9	22.2	22.8	22.6	23.2	23.7
8H	23.5	24.0	24.0	24.5	24.9	22.1	22.7	22.6	23.1	23.6

Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.2 / - 0.2				
1.5H	+ 0.1 / - 0.3					+ 0.3 / - 0.5				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.6				

CIE Pub.117 Corrected 2032 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.5)

Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 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-4182		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) $k(RI) \times RCR = 5$									
$k = 0.60$	59	47	40	58	47	40	57	46	40	34
0.80	69	57	50	68	57	50	66	56	50	43
1.00	77	67	59	76	66	59	74	67	59	52
1.25	84	74	67	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	72	64
2.00	96	88	82	94	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	90	97	92	88	80
4.00	107	102	97	105	100	96	101	97	93	85
5.00	109	105	101	107	103	100	103	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

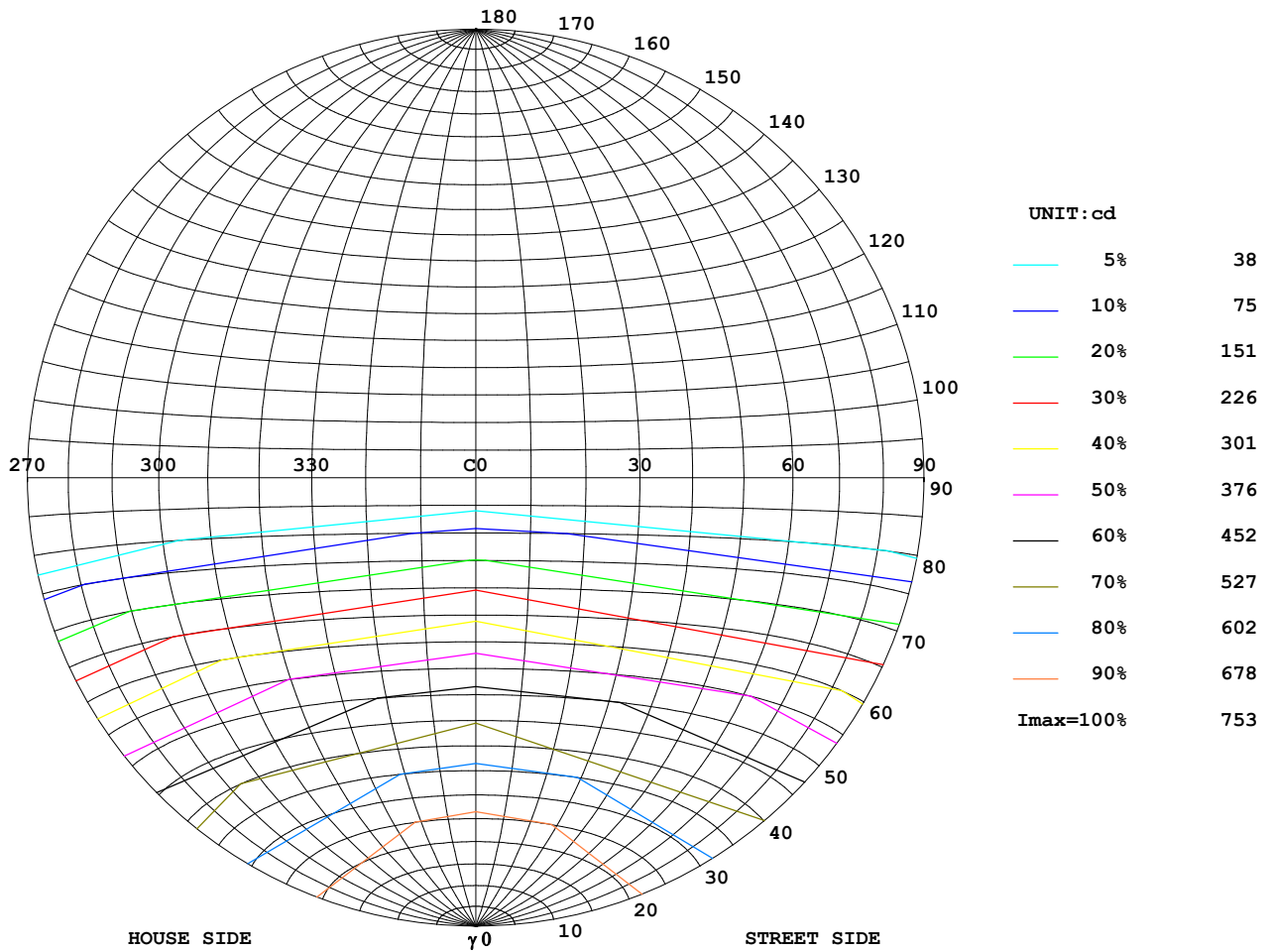
Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 2020

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-4182	TYPE: LED	WEIGHT: --	
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 2020

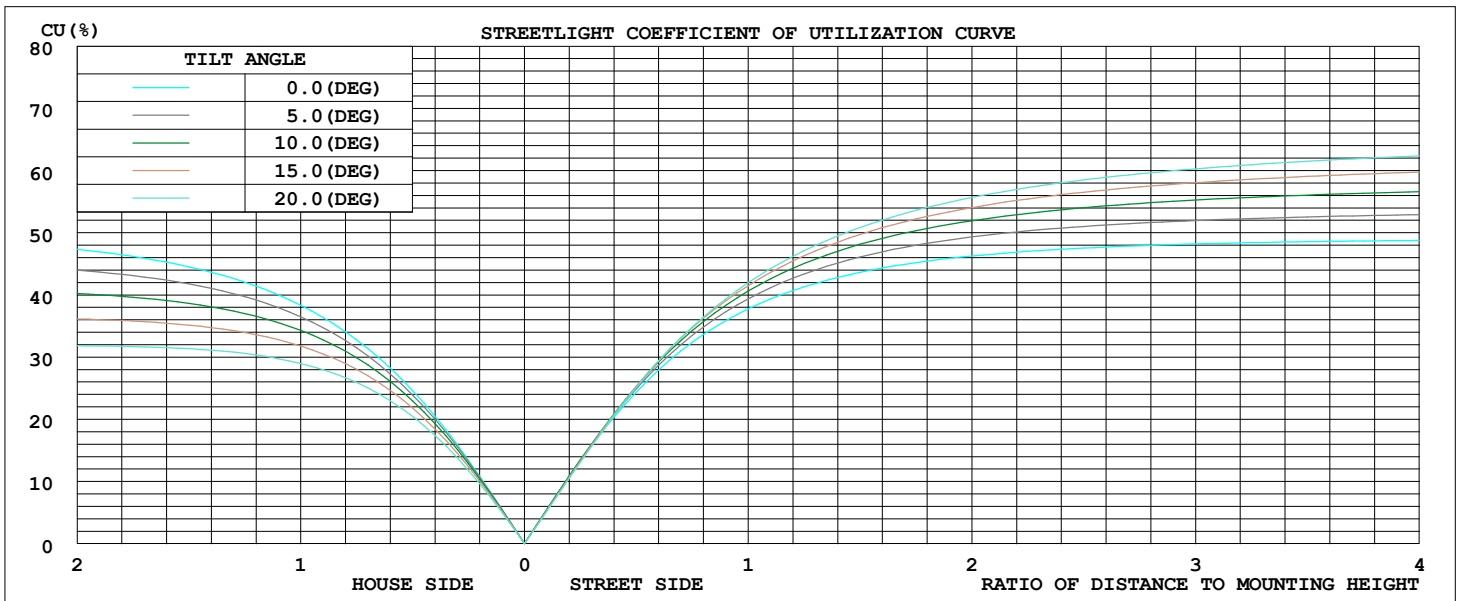
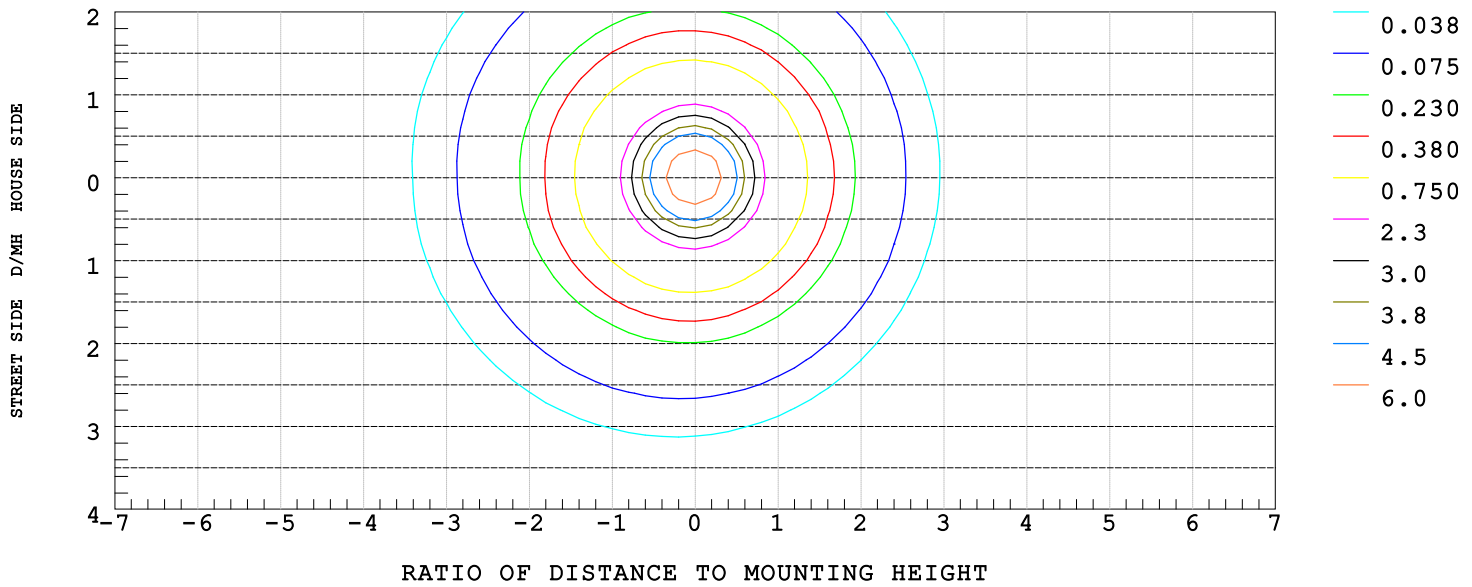
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 01

ISOLUX DIAGRAM

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4182	TYPE: LED	WEIGHT: --	
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

ILLUMINANCE AT MH=10 m, Enadir = 7.52 lx



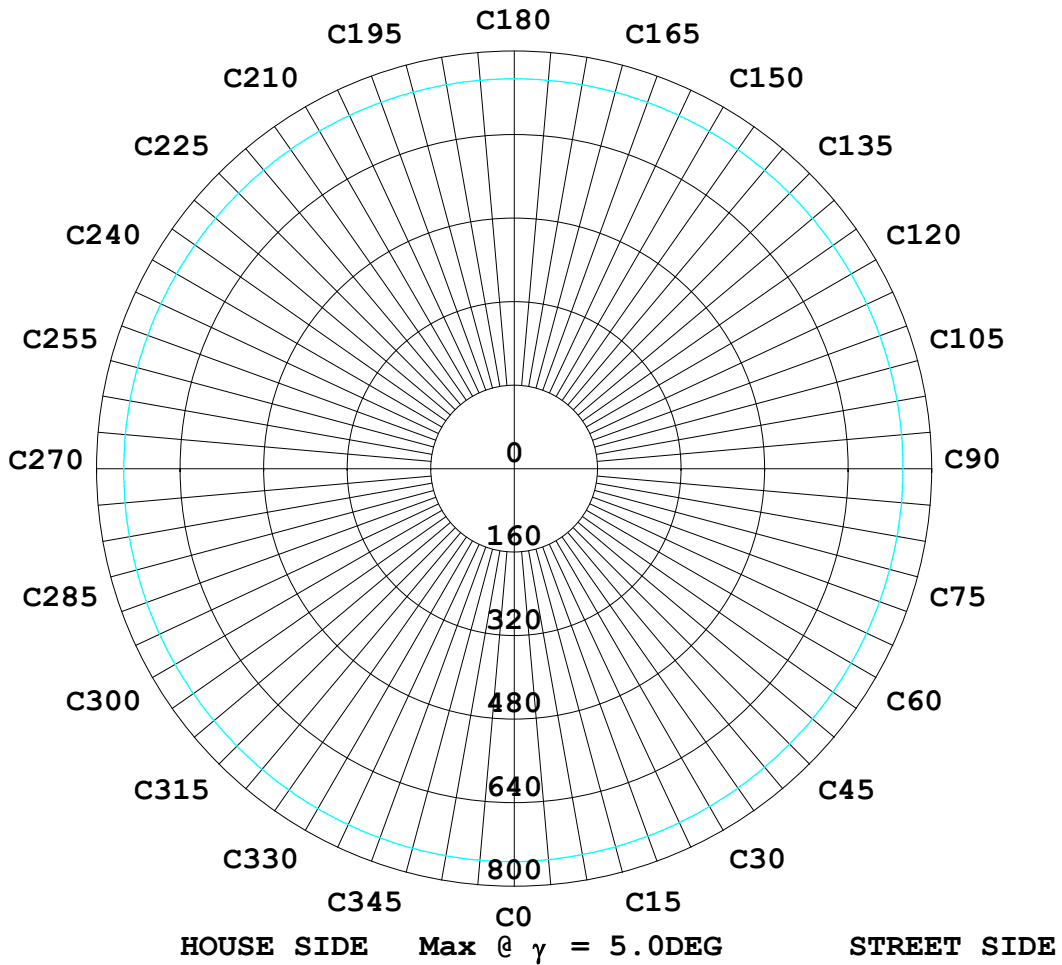
Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 2020

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-4182		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 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-4182		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

UNIT: cd

γ (DEG)	C (DEG)			
	0	90	180	270
0.0	752	749	752	749
5.0	753	745	747	748
10.0	750	736	733	740
15.0	735	717	711	725
20.0	714	690	683	703
25.0	687	656	648	673
30.0	654	619	607	638
35.0	615	576	562	597
40.0	571	529	511	552
45.0	522	477	456	501
50.0	470	421	396	448
55.0	411	361	334	387
60.0	350	297	268	324
65.0	286	230	199	257
70.0	220	163	131	189
75.0	152	94.1	64.6	121
80.0	84.8	33.2	9.60	55.5
85.0	25.6	0.00	0.00	4.60
90.0	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	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 01 2020

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