

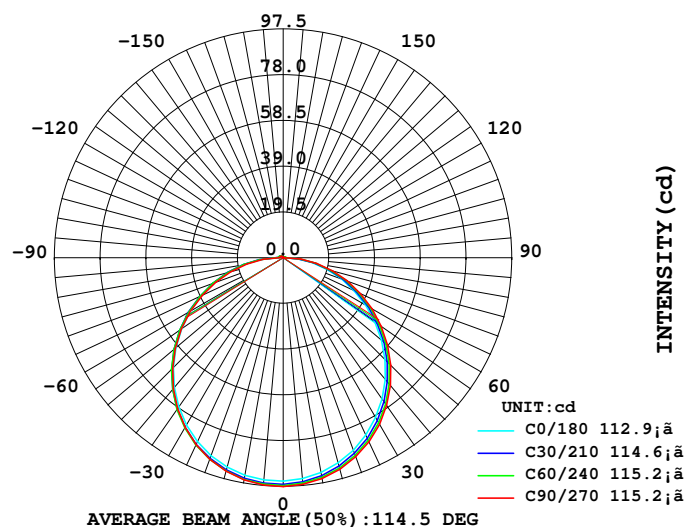
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: GO2018-060

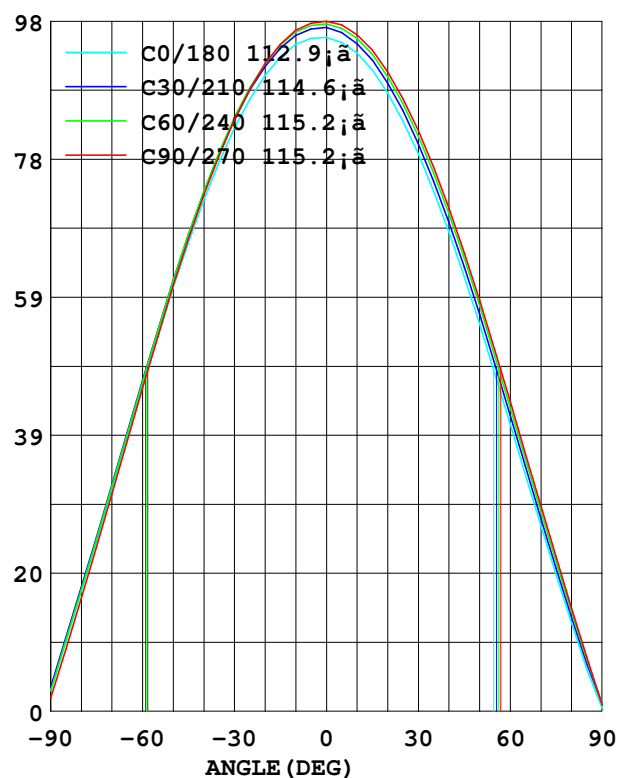
MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)	
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall	WEIGHT:
SPECIFICATION: wall	DIMENSION: 130x130x21	SERIAL No.:

DATA OF LAMP		Imax(cd)	98.00	S/MH (C0/180)	1.29
MODEL	SQUARE PILL_5.6W130x130mm	Imax(cd)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	5.5	TOTAL FLUX(lm)	296.72	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	54.0	Current(A)	0.230
NOMINAL FLUX(lm)	296.7	$\eta$ up(%)	1.9	Power(W)	5.500
LAMPS QUANTITY	1	$\eta$ down(%)	98.1	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	287.9	EEI	0.218

### LUMINOUS INTENSITY DISTRIBUTION



### LUMINOUS INTENSITY DISTRIBUTION



Test System: LSG-1800  
 Temperature: 25.3 DEG  
 Operators: G  
 Test Date: 03-06-2018

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

**ZONAL FLUX DIAGRAM**

Report number: GO2018-060

MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)	
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall	WEIGHT:
SPECIFICATION: wall	DIMENSION: 130x130x21	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
10.0	94.19	95.30	96.20	95.70	93.00	95.40	95.59	96.69	0- 10	9.203	9.203
20.0	89.90	90.40	91.50	90.10	87.40	90.50	90.40	92.29	10- 20	26.39	35.60
30.0	82.40	82.30	83.60	81.50	78.79	82.40	82.09	84.69	20- 30	40.07	75.67
40.0	72.19	71.59	72.89	70.20	67.69	71.59	71.10	74.29	30- 40	48.44	124.1
50.0	59.79	58.89	60.10	56.90	54.70	58.79	58.09	61.79	40- 50	50.55	174.6
60.0	45.89	44.70	45.69	42.39	40.70	44.60	43.90	47.70	50- 60	46.39	221.0
70.0	31.29	30.10	30.70	27.70	26.30	29.69	29.10	32.79	60- 70	36.88	257.9
80.0	16.90	15.80	15.90	13.60	12.50	15.40	14.59	18.09	70- 80	23.86	281.8
90.0	2.900	2.100	1.900	1.300	0.400	2.100	0.900	3.700	80- 90	9.365	291.1
100.0	1.400	1.200	1.500	0.900	0.400	1.800	0.400	1.600	90-100	1.628	292.8
110.0	1.200	1.200	1.400	1.000	0.400	1.400	0.300	1.400	100-110	1.208	294.0
120.0	1.100	1.000	1.100	1.000	0.500	1.000	0.300	1.400	110-120	1.018	295.0
130.0	1.000	0.600	0.900	0.800	0.500	0.900	0.200	0.700	120-130	0.767	295.8
140.0	0.400	0.500	0.700	0.700	0.400	0.800	0	0.400	130-140	0.481	296.2
150.0	0.400	0.200	0.500	0.600	0.300	0.500	0	0	140-150	0.275	296.5
160.0	0.100	0	0.300	0.400	0.200	0.400	0	0	150-160	0.128	296.6
170.0	0	0	0.100	0	0	0.200	0	0	160-170	0.034	296.7
180.0	0	0	0	0	0	0	0	0	170-180	0.001	296.7
DEG	LUMINOUS INTENSITY: cd									UNIT: lm	

**Test System:** LSG-1800  
**Temperature:** 25.3 DEG  
**Operators:** G  
**Test Date:** 03-06-2018

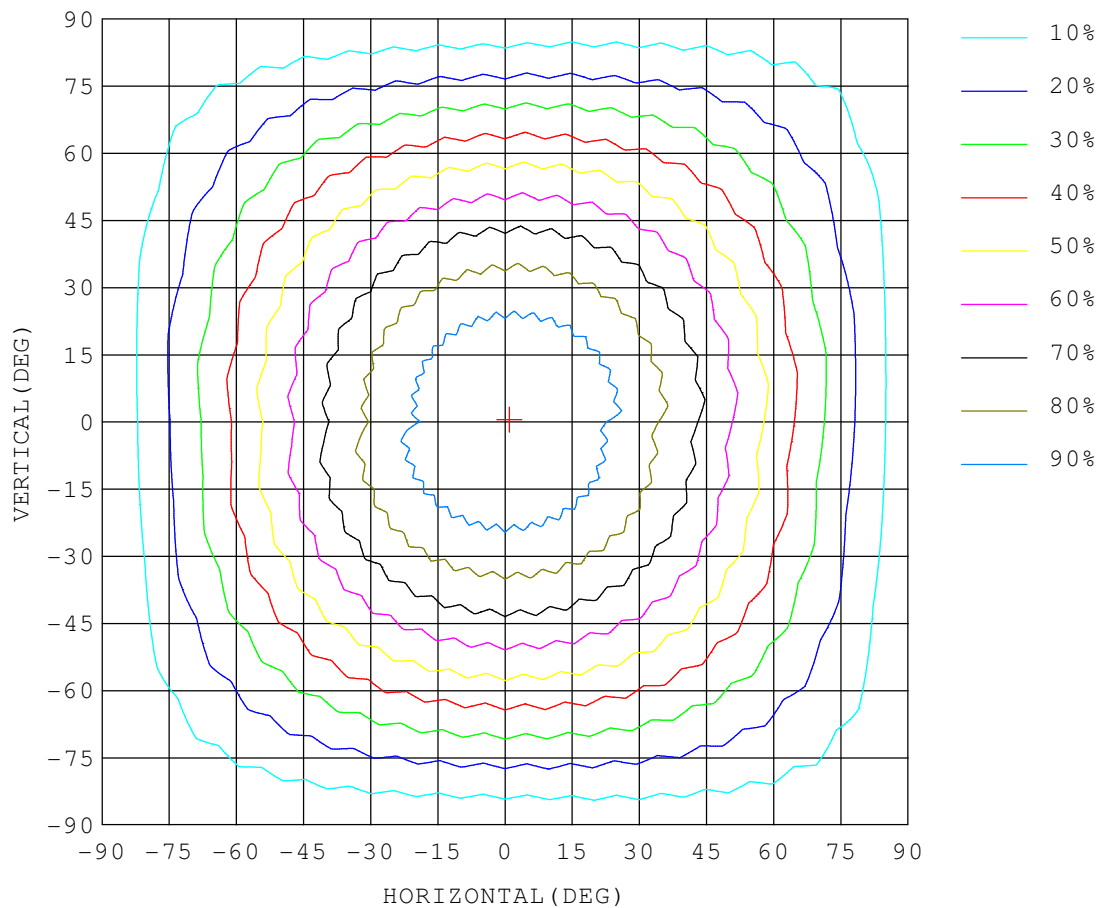
**Test Set:** 5.0deg/s C-Gamma (TYPE C)  
**Humidity:** 65.0%  
**Test Distance:** 10.000 m  
**Remarks:**

## ISOCANDELA DIAGRAM

Report number: GO2018-060

MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)	
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall	WEIGHT:
SPECIFICATION: wall	DIMENSION: 130x130x21	SERIAL No.:

UNIT: cd



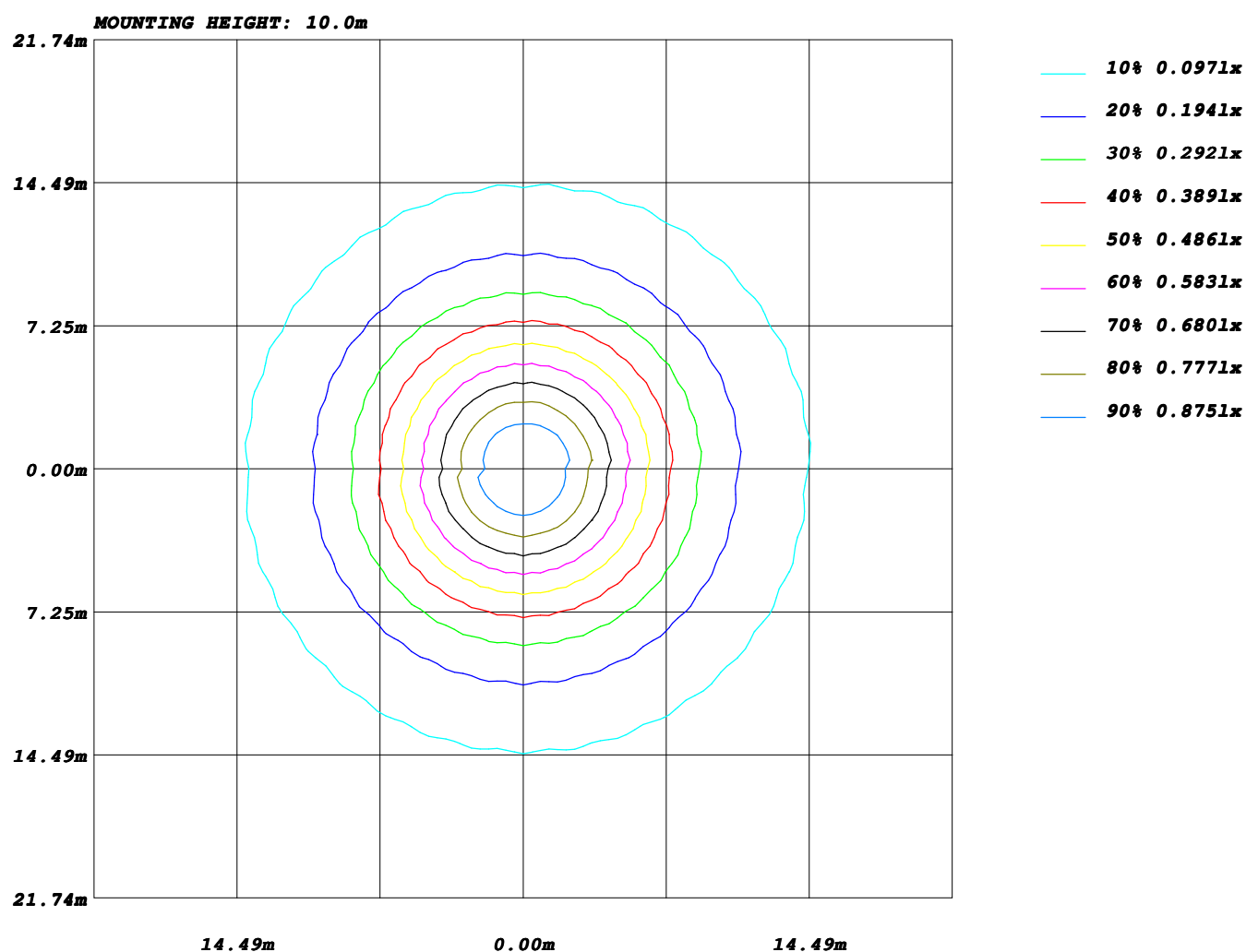
**Test System:** LSG-1800  
**Temperature:** 25.3 DEG  
**Operators:** G  
**Test Date:** 03-06-2018

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

**ISOLUX DIAGRAM**

Report number: GO2018-060

MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)	
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall	WEIGHT:
SPECIFICATION: wall	DIMENSION: 130x130x21	SERIAL No.:



Test System: LSG-1800  
 Temperature: 25.3DEG  
 Operators: G  
 Test Date: 03-06-2018

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

**AREA LUMINOUS FLUX**

Report number: GO2018-060

MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)	
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall	WEIGHT:
SPECIFICATION: wall	DIMENSION: 130x130x21	SERIAL No.:

	AREA FLUX DIAGRAM																	UNIT: lm	$\Phi_t$	$\Phi_a$
	0.00	0.02	0.05	0.09	0.13	0.17	0.21	0.23	0.25	0.26	0.26	0.24	0.21	0.17	0.13	0.08	0.04	0.01	2.56	1.15
90	0.01	0.05	0.12	0.22	0.33	0.45	0.55	0.63	0.68	0.69	0.67	0.60	0.50	0.39	0.27	0.16	0.07	0.01	6.39	6.17
80	0.01	0.07	0.19	0.35	0.54	0.73	0.91	1.04	1.12	1.13	1.08	0.96	0.80	0.60	0.41	0.23	0.10	0.02	10.3	10.2
70	0.01	0.10	0.25	0.47	0.74	1.01	1.26	1.45	1.56	1.57	1.49	1.32	1.08	0.81	0.54	0.30	0.12	0.02	14.1	14.1
60	0.02	0.12	0.31	0.59	0.93	1.27	1.59	1.84	1.97	1.98	1.88	1.65	1.35	1.00	0.66	0.36	0.15	0.03	17.7	17.7
50	0.02	0.13	0.37	0.69	1.08	1.50	1.88	2.16	2.33	2.34	2.21	1.94	1.58	1.17	0.77	0.42	0.16	0.03	20.8	20.8
40	0.02	0.15	0.40	0.78	1.21	1.68	2.10	2.43	2.61	2.63	2.48	2.17	1.76	1.30	0.86	0.46	0.18	0.03	23.3	23.2
30	0.02	0.16	0.44	0.82	1.30	1.80	2.25	2.60	2.81	2.83	2.66	2.33	1.89	1.39	0.91	0.50	0.20	0.03	24.9	24.9
	0.02	0.16	0.45	0.86	1.34	1.85	2.31	2.67	2.89	2.93	2.76	2.41	1.95	1.44	0.94	0.51	0.20	0.03	25.7	25.7
	0.02	0.16	0.44	0.85	1.34	1.87	2.35	2.72	2.92	2.90	2.70	2.36	1.91	1.40	0.90	0.49	0.19	0.03	25.5	25.5
	0.02	0.15	0.43	0.84	1.31	1.82	2.28	2.63	2.81	2.81	2.64	2.30	1.85	1.36	0.89	0.47	0.18	0.03	24.8	24.8
-30	0.02	0.15	0.41	0.78	1.22	1.69	2.12	2.44	2.62	2.62	2.46	2.15	1.74	1.27	0.83	0.45	0.17	0.03	23.2	23.1
-40	0.02	0.14	0.36	0.70	1.09	1.51	1.88	2.17	2.33	2.33	2.20	1.92	1.56	1.15	0.75	0.40	0.16	0.03	20.7	20.7
-50	0.01	0.12	0.31	0.59	0.93	1.28	1.59	1.83	1.97	1.98	1.86	1.64	1.33	0.98	0.64	0.35	0.14	0.02	17.6	17.5
-60	0.01	0.09	0.25	0.47	0.74	1.01	1.26	1.45	1.56	1.57	1.48	1.30	1.06	0.79	0.52	0.29	0.12	0.02	14.0	13.9
-70	0.01	0.07	0.18	0.34	0.53	0.73	0.91	1.04	1.11	1.12	1.07	0.95	0.78	0.59	0.39	0.22	0.09	0.02	10.1	10.0
-80	0.01	0.04	0.11	0.21	0.32	0.44	0.55	0.63	0.67	0.68	0.65	0.59	0.49	0.37	0.26	0.15	0.06	0.01	6.24	6.00
-90	0.00	0.02	0.05	0.08	0.13	0.17	0.20	0.23	0.24	0.25	0.25	0.23	0.20	0.16	0.12	0.07	0.04	0.01	2.46	1.03
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90
$\Phi_t$	0.27	1.88	5.11	9.73	15.2	21.0	26.2	30.2	32.5	32.7	30.8	27.1	22.1	16.4	10.7	5.92	2.36	0.42	297	
$\Phi_a$	0.07	1.62	4.87	9.49	15.0	20.7	26.0	30.0	32.3	32.4	30.6	26.9	21.9	16.2	10.5	5.73	2.17	0.24		288

**Test System: LSG-1800**  
**Temperature: 25.3 DEG**  
**Operators: G**  
**Test Date: 03-06-2018**

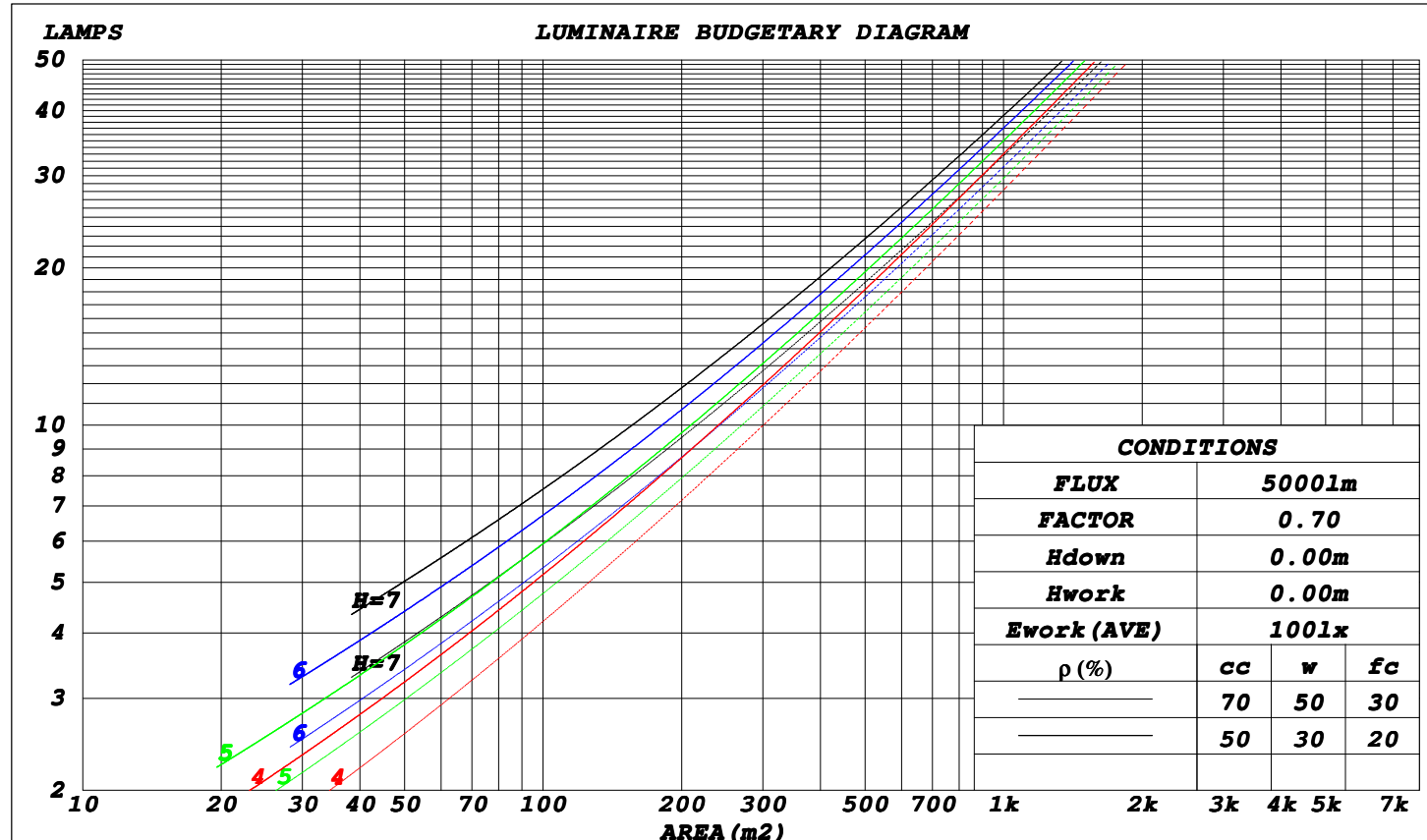
**Test Set: 5.0deg/s C-Gamma (TYPE C)**  
**Humidity: 65.0%**  
**Test Distance: 10.000 m**  
**Remarks:**

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number: GO2018-060

MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)				
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall			WEIGHT:	
SPECIFICATION: wall	DIMENSION: 130x130x21			SERIAL No.:	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.02	.98	.94	.90	.96	.92	.95	.92	.89	.91	.88	.86	.87	.85	.83	.81
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.69	.62	.76	.68	.62	.73	.66	.60	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.62	.55	.50	.59	.54	.49	.47
5.0	.61	.52	.45	.60	.51	.45	.58	.50	.44	.55	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.39	.50	.43	.38	.48	.42	.38	.35
7.0	.50	.41	.35	.49	.40	.34	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.24	.23



Test System: LSG-1800  
 Temperature: 25.3DEG  
 Operators: G  
 Test Date: 03-06-2018

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

**WEC AND CCEC**

Report number: GO2018-060

MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)				
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall			WEIGHT:	
SPECIFICATION: wall	DIMENSION: 130x130x21			SERIAL No.:	

pcc	80%			70%			50%			30%			10%			0
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.329	.187	.059	.322	.183	.058	.307	.176	.056	.294	.170	.054	.282	.163	.053	
2.0	.304	.166	.051	.297	.163	.050	.284	.158	.049	.272	.153	.048	.261	.148	.047	
3.0	.278	.148	.044	.272	.146	.044	.261	.141	.043	.250	.137	.042	.240	.133	.041	
4.0	.255	.132	.039	.249	.131	.039	.239	.127	.038	.230	.124	.037	.221	.120	.037	
5.0	.235	.120	.035	.230	.118	.034	.221	.115	.034	.212	.112	.033	.205	.109	.033	
6.0	.217	.109	.031	.213	.107	.031	.204	.105	.030	.197	.102	.030	.190	.100	.030	
7.0	.201	.100	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.188	.092	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025	
9.0	.176	.085	.024	.172	.084	.024	.167	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021	

pcc	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	.205	.205	.205	.175	.175	.175	.119	.119	.119	.069	.069	.069	.022	.022	.022	
1.0	.196	.170	.147	.168	.146	.127	.115	.101	.088	.066	.058	.051	.021	.019	.016	
2.0	.188	.146	.111	.161	.126	.096	.111	.087	.067	.064	.051	.039	.020	.016	.013	
3.0	.181	.129	.088	.155	.111	.076	.106	.077	.053	.061	.045	.031	.020	.015	.010	
4.0	.173	.116	.072	.148	.100	.063	.102	.070	.044	.059	.041	.026	.019	.013	.009	
5.0	.165	.105	.061	.142	.091	.053	.098	.064	.038	.057	.037	.022	.018	.012	.007	
6.0	.158	.097	.053	.136	.084	.046	.094	.059	.033	.054	.035	.020	.018	.011	.006	
7.0	.151	.090	.048	.130	.078	.041	.090	.055	.029	.052	.032	.017	.017	.011	.006	
8.0	.144	.084	.043	.124	.073	.038	.086	.051	.027	.050	.030	.016	.016	.010	.005	
9.0	.138	.080	.040	.119	.069	.035	.083	.049	.025	.048	.029	.015	.016	.009	.005	
10.0	.133	.075	.037	.114	.065	.032	.079	.046	.023	.046	.027	.014	.015	.009	.005	

**Test System: LSG-1800**  
**Temperature: 25.3 DEG**  
**Operators: G**  
**Test Date: 03-06-2018**

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

## Uncorrected UGR Table

Report number: GO2018-060

MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)			
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall		WEIGHT:	
SPECIFICATION: wall	DIMENSION: 130x130x21		SERIAL No.:	

<b>ceiling/cavity</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>
<b>walls</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>
<b>working plane</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
<b>Room dimensions</b>	<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>x = 2H y = 2H</b>	<b>12.5</b>	<b>14.0</b>	<b>12.8</b>	<b>14.2</b>	<b>14.5</b>	<b>12.5</b>	<b>14.0</b>	<b>12.8</b>	<b>14.2</b>	<b>14.5</b>
<b>3H</b>	<b>14.2</b>	<b>15.6</b>	<b>14.5</b>	<b>15.9</b>	<b>16.2</b>	<b>14.2</b>	<b>15.6</b>	<b>14.5</b>	<b>15.8</b>	<b>16.1</b>
<b>4H</b>	<b>15.0</b>	<b>16.3</b>	<b>15.3</b>	<b>16.6</b>	<b>16.9</b>	<b>14.9</b>	<b>16.2</b>	<b>15.2</b>	<b>16.5</b>	<b>16.8</b>
<b>6H</b>	<b>15.7</b>	<b>16.9</b>	<b>16.0</b>	<b>17.2</b>	<b>17.6</b>	<b>15.5</b>	<b>16.8</b>	<b>15.9</b>	<b>17.1</b>	<b>17.4</b>
<b>8H</b>	<b>15.9</b>	<b>17.2</b>	<b>16.3</b>	<b>17.5</b>	<b>17.8</b>	<b>15.8</b>	<b>17.0</b>	<b>16.1</b>	<b>17.3</b>	<b>17.6</b>
<b>12H</b>	<b>16.2</b>	<b>17.3</b>	<b>16.5</b>	<b>17.7</b>	<b>18.0</b>	<b>15.9</b>	<b>17.1</b>	<b>16.3</b>	<b>17.4</b>	<b>17.8</b>
<b>4H 2H</b>	<b>13.2</b>	<b>14.5</b>	<b>13.5</b>	<b>14.8</b>	<b>15.1</b>	<b>13.1</b>	<b>14.5</b>	<b>13.5</b>	<b>14.8</b>	<b>15.1</b>
<b>3H</b>	<b>15.1</b>	<b>16.3</b>	<b>15.5</b>	<b>16.6</b>	<b>16.9</b>	<b>15.0</b>	<b>16.2</b>	<b>15.4</b>	<b>16.6</b>	<b>16.9</b>
<b>4H</b>	<b>16.0</b>	<b>17.1</b>	<b>16.4</b>	<b>17.5</b>	<b>17.8</b>	<b>15.9</b>	<b>17.0</b>	<b>16.3</b>	<b>17.4</b>	<b>17.7</b>
<b>6H</b>	<b>16.8</b>	<b>17.8</b>	<b>17.3</b>	<b>18.2</b>	<b>18.6</b>	<b>16.7</b>	<b>17.7</b>	<b>17.1</b>	<b>18.1</b>	<b>18.5</b>
<b>8H</b>	<b>17.2</b>	<b>18.1</b>	<b>17.7</b>	<b>18.5</b>	<b>18.9</b>	<b>17.0</b>	<b>17.9</b>	<b>17.5</b>	<b>18.3</b>	<b>18.8</b>
<b>12H</b>	<b>17.5</b>	<b>18.3</b>	<b>18.0</b>	<b>18.7</b>	<b>19.2</b>	<b>17.3</b>	<b>18.1</b>	<b>17.7</b>	<b>18.5</b>	<b>19.0</b>
<b>8H 4H</b>	<b>16.4</b>	<b>17.3</b>	<b>16.8</b>	<b>17.7</b>	<b>18.1</b>	<b>16.3</b>	<b>17.2</b>	<b>16.8</b>	<b>17.6</b>	<b>18.0</b>
<b>6H</b>	<b>17.4</b>	<b>18.2</b>	<b>17.9</b>	<b>18.6</b>	<b>19.1</b>	<b>17.3</b>	<b>18.1</b>	<b>17.8</b>	<b>18.5</b>	<b>19.0</b>
<b>8H</b>	<b>17.9</b>	<b>18.6</b>	<b>18.4</b>	<b>19.0</b>	<b>19.5</b>	<b>17.7</b>	<b>18.4</b>	<b>18.2</b>	<b>18.9</b>	<b>19.4</b>
<b>12H</b>	<b>18.3</b>	<b>18.9</b>	<b>18.8</b>	<b>19.4</b>	<b>19.9</b>	<b>18.1</b>	<b>18.7</b>	<b>18.6</b>	<b>19.1</b>	<b>19.7</b>
<b>12H 4H</b>	<b>16.4</b>	<b>17.3</b>	<b>16.9</b>	<b>17.7</b>	<b>18.1</b>	<b>16.4</b>	<b>17.2</b>	<b>16.8</b>	<b>17.6</b>	<b>18.1</b>
<b>6H</b>	<b>17.5</b>	<b>18.2</b>	<b>18.0</b>	<b>18.7</b>	<b>19.2</b>	<b>17.4</b>	<b>18.1</b>	<b>17.9</b>	<b>18.6</b>	<b>19.0</b>
<b>8H</b>	<b>18.1</b>	<b>18.7</b>	<b>18.6</b>	<b>19.2</b>	<b>19.7</b>	<b>17.9</b>	<b>18.5</b>	<b>18.4</b>	<b>19.0</b>	<b>19.5</b>
<b>Variations with the observer position at spacings:</b>										
<b>S = 1.0H</b>	<b>+ 0.1 / - 0.1</b>					<b>+ 0.1 / - 0.1</b>				
<b>1.5H</b>	<b>+ 0.2 / - 0.2</b>					<b>+ 0.2 / - 0.2</b>				
<b>2.0H</b>	<b>+ 0.2 / - 0.2</b>					<b>+ 0.2 / - 0.2</b>				

CIE Pub.117 Corrected 296.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.2)

Test System: LSG-1800  
 Temperature: 25.3 DEG  
 Operators: G  
 Test Date: 03-06-2018

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



**UTILIZATION FACTORS TABLE**

Report number: GO2018-060

MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)	
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall	WEIGHT:
SPECIFICATION: wall	DIMENSION: 130x130x21	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) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	46	65	53	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	70	63	80	69	62	77	68	61	54
1.50	86	76	68	84	75	68	81	73	67	59
2.00	93	84	77	91	83	76	87	80	75	66
2.50	97	89	82	95	87	81	91	85	79	71
3.00	101	93	87	98	92	86	94	88	84	75
4.00	105	99	94	102	97	92	98	93	89	80
5.00	107	102	98	105	100	96	100	96	93	83
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SERNOM = 1.25		

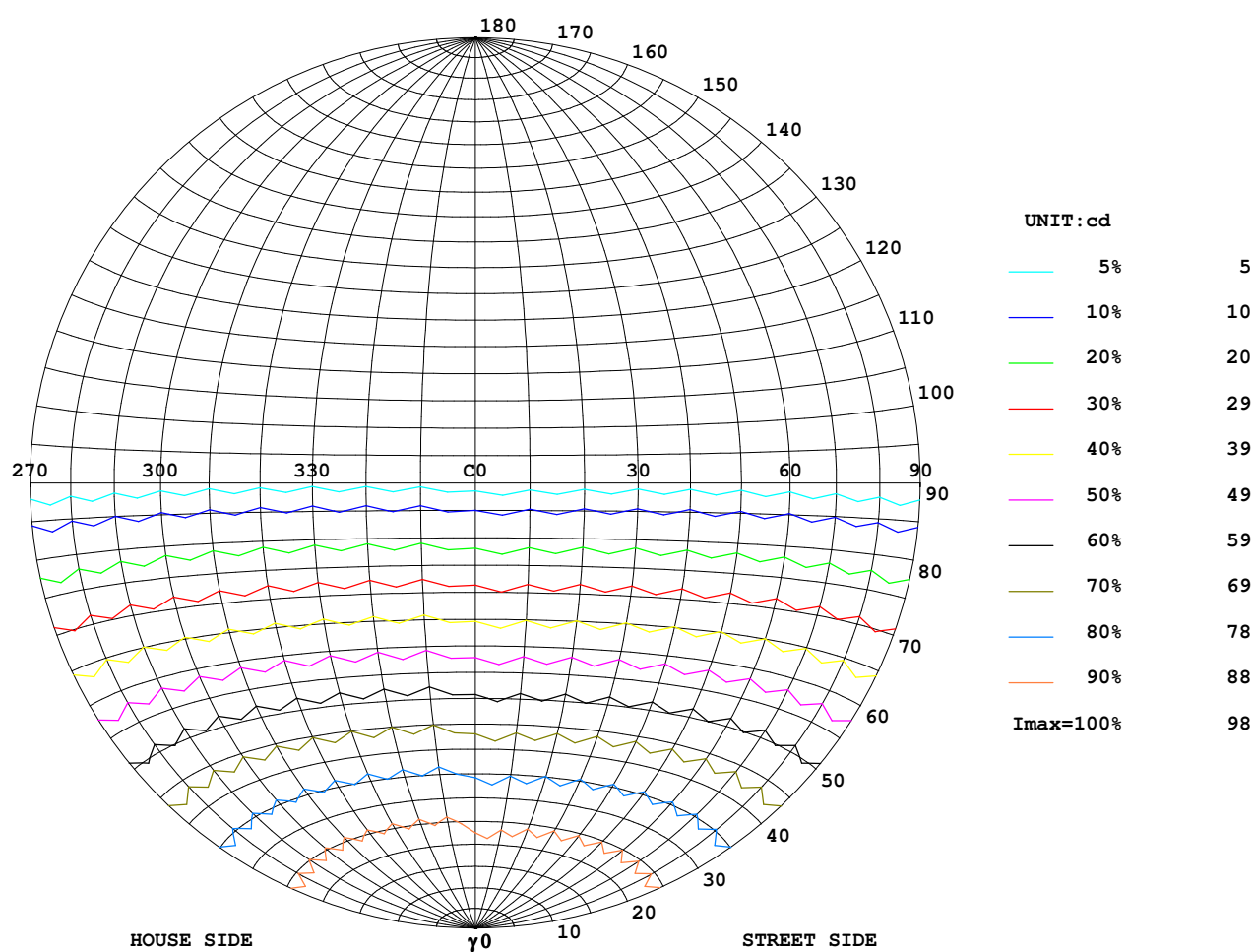
**Test System: LSG-1800**  
**Temperature: 25.3 DEG**  
**Operators: G**  
**Test Date: 03-06-2018**

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

**ISOCANDELA DIAGRAM**

Report number: GO2018-060

MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)	
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall	WEIGHT:
SPECIFICATION: wall	DIMENSION: 130x130x21	SERIAL No.:



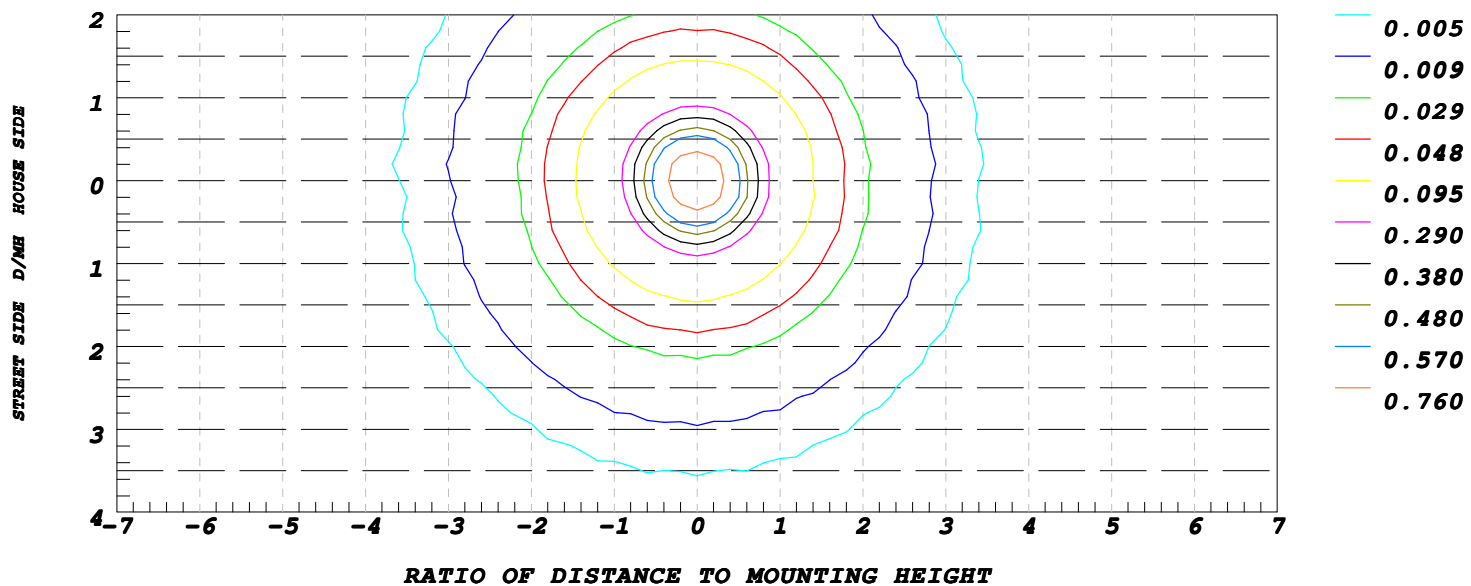
Test System: LSG-1800  
 Temperature: 25.3 DEG  
 Operators: G  
 Test Date: 03-06-2018

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

**ISOLUX DIAGRAM**

Report number: GO2018-060

MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)	
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall	WEIGHT:
SPECIFICATION: wall	DIMENSION: 130x130x21	SERIAL No.:

**ILLUMINANCE AT MH=10 m, Enadir = 0.95 lx**

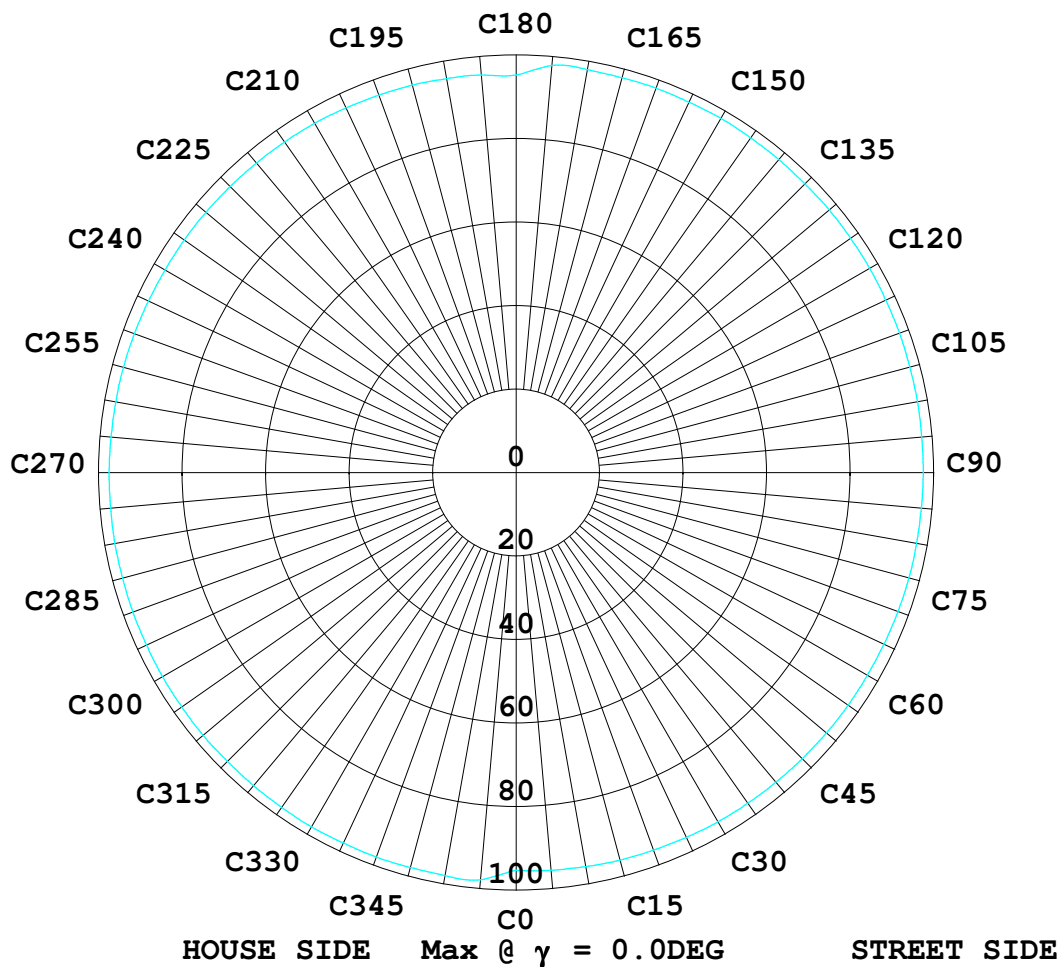
**Test System: LSG-1800**  
**Temperature: 25.3 DEG**  
**Operators: G**  
**Test Date: 03-06-2018**

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

## ISOCANDELA DIAGRAM

Report number: GO2018-060

MANUFACTURER: BACKLIGHT SRL	Address: Via Volta 5 - Ornago (MB)	
NAME: SQUARE PILL_5.6W130x130mm	TYPE: wall	WEIGHT:
SPECIFICATION: wall	DIMENSION: 130x130x21	SERIAL No.:



Test System: LSG-1800  
 Temperature: 25.3DEG  
 Operators: G  
 Test Date: 03-06-2018

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