



Filename: SGM G-4 Wash\_max\_Preliminary

Manufacturer: SGM

Luminaire: G-4 Wash\_max\_Preliminary

Lamp Output: Total luminaire Lumens: 4622,3

Max Candela: 6.280,0 at Horizontal: 0°, Vertical: 0°

Input Wattage: 220

Luminous Opening: Rectangle (L: 0,05M, W: 0,39M)

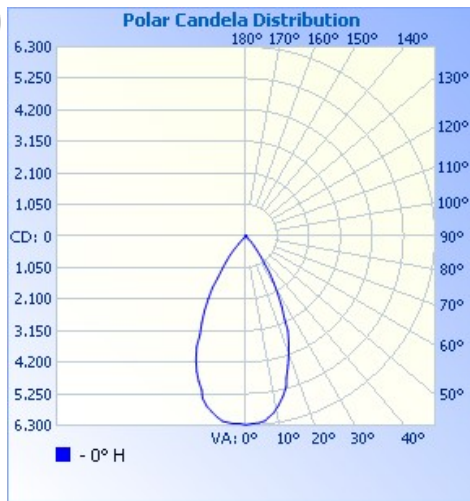
Test: Photometric Measurement

Test Lab: SGM Illumination LAB (1.7.0.0)

Photometry : Type C

Cutoff Class: n/a

Nema Type: 5 X 5



**Flood Summary**

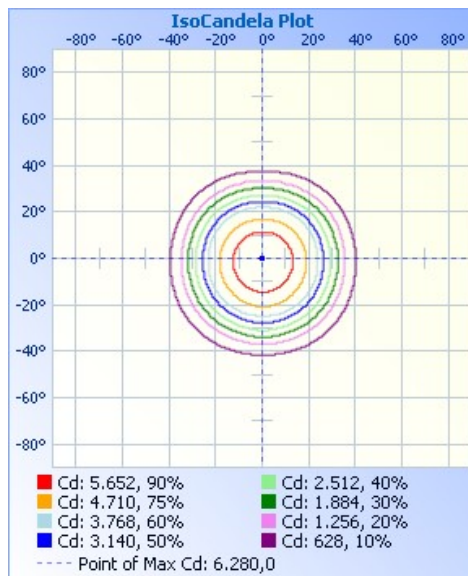
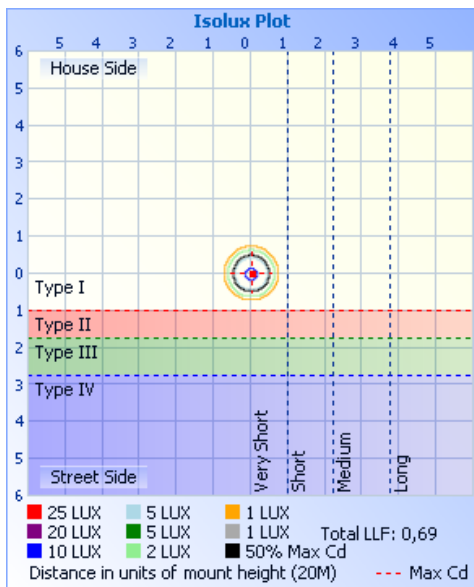
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95,6%	4.416,9	79,7	79
Beam (50%):	65,8%	3.041,2	51,9	52,1
Total:	100%	4.623,1		

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	3.610,4	78,1%
0-40	4.428,0	95,8%
0-60	4.604,9	99,6%
60-90	17,4	0,4%
0-90	4.622,3	100%

**Lumens Per Zone**

Zone	Lumens	% Total
0-10	585,9	12,7%
10-20	1.473,7	31,9%
20-30	1.550,8	33,6%
30-40	817,6	17,7%
40-50	156,0	3,4%
50-60	20,9	0,5%
60-70	9,2	0,2%
70-80	4,9	0,1%
80-90	3,3	0,1%



Illuminance at a Distance			
	Center Beam LUX	Beam Width	
5.00M	<b>251 LUX</b>	<b>4,89 M</b>	<b>4,87 M</b>
10.00M	<b>62,8 LUX</b>	<b>9,79 M</b>	<b>9,74 M</b>
15.00M	<b>27,9 LUX</b>	<b>14,68 M</b>	<b>14,61 M</b>
20.00M	<b>15,7 LUX</b>	<b>19,57 M</b>	<b>19,48 M</b>
25.00M	<b>10,0 LUX</b>	<b>24,46 M</b>	<b>24,35 M</b>
30.00M	<b>6,98 LUX</b>	<b>29,36 M</b>	<b>29,22 M</b>

■ Vert. Spread: 52,1°  
■ Horiz. Spread: 51,9°

**Luminaire Report Summary**

IESNA:LM-63-2002  
[TEST] Photometric Measurement  
[TESTLAB] SGM Illumination LAB (1.7.0.0)  
[MANUFAC] SGM  
[LUMINAIRE] G-4 Wash\_max\_Preliminary  
[ISSUE DATE] 25. januar 2017

FILE: CREATED USING ABSOLUTE PHOTOMETRY  
FILE: CANDELA MULTIPLIER: 1  
FILE: VERTICAL ANGLES: 51, HORIZONTAL ANGLES: 2  
FILE: COORDINATE SYSTEM: TYPE C  
FILE: UNIT OF MEASURE: METRIC  
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.