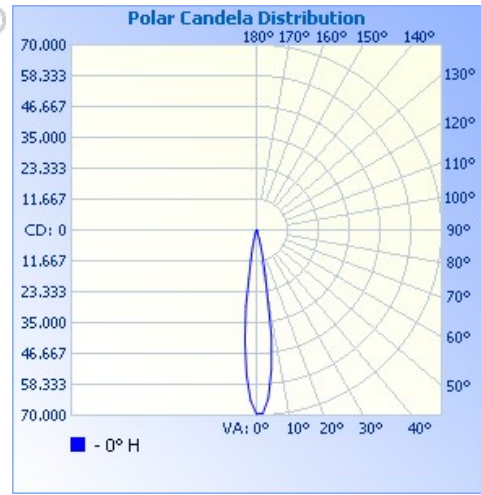




Filename: SGM G-4 Wash_med_15deg_Preliminary
Manufacturer: SGM
Luminaire: G-4 Wash_med_15deg_Preliminary
Lamp Output: Total luminaire Lumens: 5899,4
Max Candela: 69.486,0 at Horizontal: 0°, Vertical: 0°
Input Wattage: 220
Luminous Opening: Rectangle (L: 0,05M, W: 0,39M)
Test: Photometric Measurement
Test Lab: SGM Illumination LAB (1.7.0.0)
Photometry : Type C
Cutoff Class: n/a
Nema Type: 2 X 2



Flood Summary

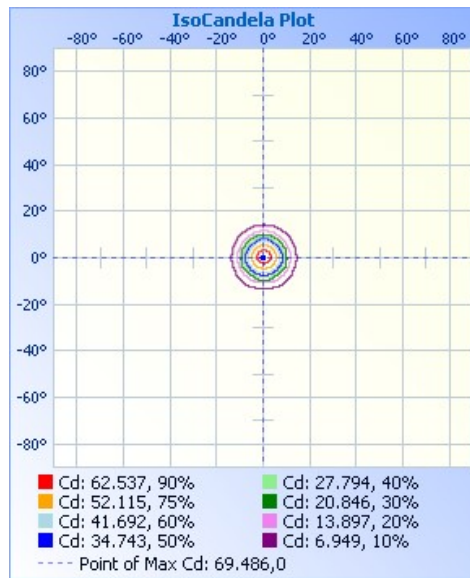
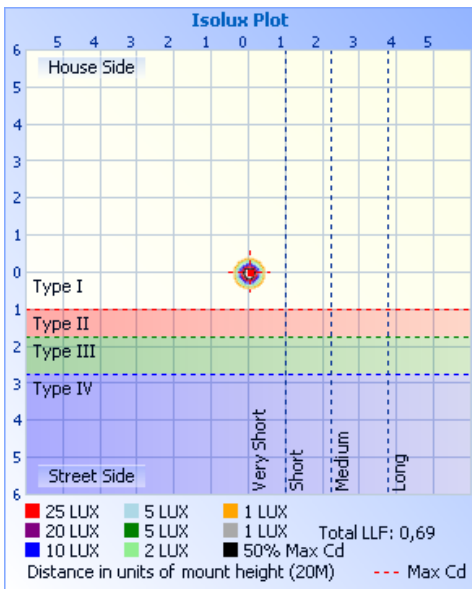
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	83,8%	4.943,4	27,9	27,6
Beam (50%):	48,5%	2.860,1	15,8	15,7
Total:	100,2%	5.909,7		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	5.709,3	96,8%
0-40	5.798,7	98,3%
0-60	5.866,9	99,4%
60-90	21,3	0,4%
70-100	11,2	0,2%
90-120	7,8	0,1%
0-90	5.888,3	99,8%
90-180	11,1	0,2%
0-180	5.899,4	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	3.958,6	67,1%	90-100	2,8	0%
10-20	1.544,3	26,2%	100-110	2,7	0%
20-30	206,4	3,5%	110-120	2,4	0%
30-40	89,4	1,5%	120-130	2,3	0%
40-50	45,0	0,8%	130-140	1,0	0%
50-60	23,2	0,4%	140-150	0	0%
60-70	12,9	0,2%	150-160	0	0%
70-80	6,3	0,1%	160-170	0	0%
80-90	2,1	0,0%	170-180	0	0%



Illuminance at a Distance			
	Center Beam LUX	Beam Width	
5,00M	2.781 LUX	1,38 M	1,39 M
10,00M	695 LUX	2,75 M	2,78 M
15,00M	309 LUX	4,13 M	4,17 M
20,00M	174 LUX	5,51 M	5,56 M
25,00M	111 LUX	6,88 M	6,95 M
30,00M	77,2 LUX	8,26 M	8,35 M

■ Vert. Spread: 15,7°
■ Horiz. Spread: 15,8°

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] Photometric Measurement
[TESTLAB] SGM Illumination LAB (1.7.0.0)
[MANUFAC] SGM
[LUMINAIRE] G-4 Wash_med_15deg_Preliminary
[ISSUE DATE] 25. januar 2017

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 52, 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.