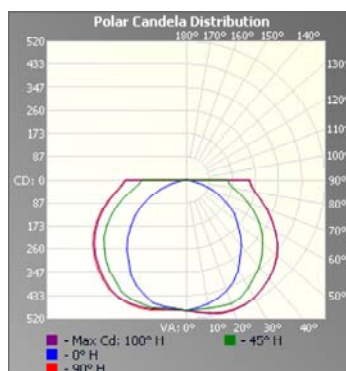


GENERATION BRANDS

Goniophotometer Test Report

Filename: 15114 ELLIS 36 BATH
Manufacturer: TECH LIGHTING
Lamp Output: 1 lamp, rated Lumens/lamp: 1994.7
Max Candela: 519.5 at Horizontal: 100Â°, Vertical: 20Â°
Input Wattage: 36
Luminous Opening: Point
Test Date: 16-Oct-2015 14:46:46
Test Lab: GENERATION BRANDS INTERNAL TESTING
Color Constant: 2930K - 91.4CRI
Photometry : Type C
CIE Class: Direct
Cutoff Class: Noncutoff

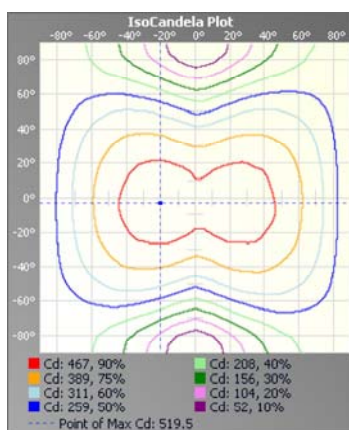
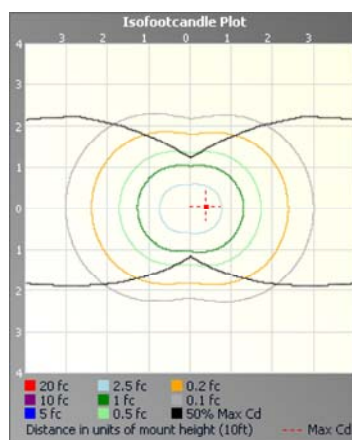


Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	405.8	20.3%	20.3%
0-40	684.7	34.3%	34.3%
0-60	1,300.0	65.2%	65.2%
60-90	655.8	32.9%	32.9%
70-100	422.1	21.2%	21.2%
90-120	38.9	1.9%	1.9%
0-90	1,955.8	98.1%	98.1%
0-180	38.9	1.9%	1.9%
0-180	1,994.7	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	46.6	2.3%	90-100	38.9	1.9%
10-20	138.8	7.0%	100-110	0	0%
20-30	220.5	11.1%	110-120	0	0%
30-40	278.9	14.0%	120-130	0	0%
40-50	308.5	15.5%	130-140	0	0%
50-60	306.8	15.4%	140-150	0	0%
60-70	272.6	13.7%	150-160	0	0%
70-80	216.1	10.8%	160-170	0	0%
80-90	167.2	8.4%	170-180	0	0%



Candela Table - Type C

[illegible]

