APPENDIX

DOMINION LUMINAIRES
SAMPLE LIGHTING CALCULATIONS
DOMINION 70W HPS LUMINAIRE

CITY OF CHARLOTTESVILLE LIGHTING STUDY
ILLUMINATION STATISTICS SAMPLE
POLE SPACING AVG MAX MIN AVG/MAX MIN/VERT. MIN
40 FT 1.35 1.20 1.10 1.14 1.10 2.90
80 FT 0.65 1.20 0.25 1.15 0.35 0.94
120 FT 0.36 1.00 0.90 0.95 0.25 0.25

CITY OF CHARLOTTESVILLE LIGHTING STUDY
ILLUMINATION STATISTICS SAMPLE
POLE SPACING AVG MAX MIN AVG/MAX MIN/VERT. MIN
50 FT 1.03 1.20 1.00 1.16 1.10 1.20
90 FT 0.93 1.00 0.90 1.05 1.10 1.10
130 FT 0.87 0.80 0.70 0.95 0.90 0.90

CITY OF CHARLOTTESVILLE LIGHTING STUDY
ILLUMINATION STATISTICS SAMPLE
POLE SPACING AVG MAX MIN AVG/MAX MIN/VERT. MIN
60 FT 0.95 0.85 0.75 0.90 0.80 0.75
100 FT 0.89 0.90 0.85 1.00 0.90 0.90
140 FT 0.87 0.80 0.70 1.00 1.00 0.90

CITY OF CHARLOTTESVILLE LIGHTING STUDY
ILLUMINATION STATISTICS SAMPLE
POLE SPACING AVG MAX MIN AVG/MAX MIN/VERT. MIN
70 FT 0.87 0.80 0.70 0.90 0.80 0.75
110 FT 0.85 0.80 0.70 1.00 0.90 0.90
150 FT 0.83 0.80 0.70 1.00 1.00 0.90

COOPER 70W HPS FIXTURE
25' MOUNTING HEIGHT
TYPE III DISTRIBUTION
6000 LUMENS, 0.95 LPF

DOMINION 70W HPS LUMINAIRE

THE CITY OF CHARLOTTESVILLE
Department of Neighborhood Development
610 East Market Street
Richmond, VA, 23223
Fax: 434-970-3359
"A World Class City"
P.O. Box 911
Fax: 434-970-3359

LIGHTING STUDY
SAMPLE PHOTOGRAMS

RK&K
2100 East Cary Street, Suite 309
Richmond, VA, 23232
Ph: 804-782-1903
Fax: 804-782-1930
<table>
<thead>
<tr>
<th>Pole Spacing</th>
<th>Avg</th>
<th>Max</th>
<th>Min</th>
<th>Avg/MAX</th>
<th>Min/VMAX</th>
<th>Vertical Min.</th>
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<tr>
<td>50' FT</td>
<td>1.34</td>
<td>1.37</td>
<td>1.26</td>
<td>1.29</td>
<td>0.92</td>
<td>0.66</td>
</tr>
<tr>
<td>100' FT</td>
<td>1.27</td>
<td>1.30</td>
<td>1.12</td>
<td>1.16</td>
<td>0.76</td>
<td>0.75</td>
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</tbody>
</table>

**DOMINION 100W HPS LUMINAIRE**

DOMINION 100W HPS LUMINAIRE

25' MOUNTING HEIGHT

TYPE III DISTRIBUTION

SHEET TITLE

Richmond, VA, 23223

PH: 804-782-1903

2100 East Cary Street, Suite 309

Neighborhood Development

Charlottesville, VA 22902

610 East Market Street

THE CITY OF CHARLOTTESVILLE

LIGHTING STUDY

SAMPLE PHOTOGRAMETRICS

THE CITY OF CHARLOTTESVILLE LIGHTING STUDY

ILLUMINATION STATISTICS SAMPLE

CITY OF CHARLOTTESVILLE LIGHTING STUDY

ILLUMINATION STATISTICS SAMPLE

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