VERSAS COMMERCIAL FEATURES

Warranty: 5 year limited warranty

Versatility: Interchangeable reflector and trim ring

Driver Info: 120-277V, 50/60 Hz, PF>0.9, THD<0.20

Filter Accessories: Solite, frosted or honeycomb

Optical Lens: 18°, 30°, 50°, 80°

R9: 60+

Color Rendering Index: 93+ CRI

Color Temperature: 2700K, 3000K, 3500K, or 4000K

and dimmable driver options.

The 6” Versa Commercial LED Downlight is the ideal product for energy efficient lighting in Non-IC Retrofit commercial applications. Available with interchangeable reflectors and trims, with an assortment of color temperatures, lenses, filters and dimmable driver options.

VERSATA COMMERCIAL FEATURES

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Lumens</th>
<th>Voltage</th>
<th>CRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>11W</td>
<td>1,025 lm</td>
<td>120-277V</td>
<td>93+</td>
</tr>
<tr>
<td>16W</td>
<td>1,300 lm</td>
<td>120-277V</td>
<td>93+</td>
</tr>
<tr>
<td>20W</td>
<td>1,600 lm</td>
<td>120-277V</td>
<td>93+</td>
</tr>
<tr>
<td>21W</td>
<td>1,870 lm</td>
<td>120-277V</td>
<td>93+</td>
</tr>
<tr>
<td>30W</td>
<td>2,070 lm</td>
<td>120-277V</td>
<td>93+</td>
</tr>
<tr>
<td>31W</td>
<td>2,435 lm</td>
<td>120-277V</td>
<td>93+</td>
</tr>
<tr>
<td>38W</td>
<td>2,930 lm</td>
<td>120-277V</td>
<td>93+</td>
</tr>
<tr>
<td>45W</td>
<td>3,280 lm</td>
<td>120-277V</td>
<td>93+</td>
</tr>
<tr>
<td>58W</td>
<td>4,000 lm</td>
<td>120-277V</td>
<td>93+</td>
</tr>
</tbody>
</table>

*Performance based on 3000K

Color Temperature: 2700K, 3000K, 3500K, or 4000K

SDCM: 2 step binning

Color Rendering Index: 93+ CRI

R9: 60+

Optical Lens: 18°, 30°, 50°, 80°

Filter Accessories: Solite, frosted or honeycomb

LED Life: 50,000 Hours

LED Type: Cree LED

Driver Info: 120-277V, 50/60 Hz, PF>0.9, THD<0.20

Versatility: Interchangeable reflector and trim ring

Warranty: 5 year limited warranty

**FILTER ACCESSORIES**

A multitude of filter accessories are available to achieve a particular light effect. Available in frosted, honeycomb or solite filter options.

**DIMMING**

Available in 8 driver selections. (ID) Standard all-inclusive ELV, Triac, and 0-10V dimming driver called Intelligent Drive, 120-277V. (PEQ0) Lutron Hi-Lume Premier Ecosystem 0.1% w/soft on, fade to black dimming, 120-277V. (LDE1) Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming, 120-277V. (LDE5) Lutron Hi-Lume 5% Ecosystem, 120-277V. (LTE) Hi-Lume 1% 2-wire, 120V (EEI) eldoLED Eco 1% Dim (0-10V), 120-277V. (EDIO) eldoLED Solo 0.1% Dim(0-10V), 120-277V. (EDID) eldoLED Solo 0.1% Dim(DALI), 120-277V.

**VERSATILITY**

The Versa Commercial LED Downlight series provides for interchangeable reflectors and trims in round shape with an assortment of finishes to achieve a particular look. The ability to field install and/or replace various reflectors, trims, optics & filters makes the Versa Commercial Downlight Series the most flexible commercial downlight in the industry.

**INSTALLATION**

Non-IC housing. Insulation must be kept at least 3” away from fixture.

**LABELS/COMPLIANCE/WARRANTY**

- CSA Listed for US and Canada
- 5 year limited warranty

**ODERING INFORMATION**

**RVC6**

<table>
<thead>
<tr>
<th>Series</th>
<th>Lumens</th>
<th>Color Temp</th>
<th>Voltage</th>
<th>Dimming</th>
<th>Optical Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>RVC6</td>
<td>10L - 1025 lm</td>
<td>27 - 2700K</td>
<td>UNV - 120-277V</td>
<td>ID5 - Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive)</td>
<td>18- 18° Beam</td>
</tr>
<tr>
<td></td>
<td>13L - 1300 lm</td>
<td>30 - 3000K</td>
<td>1 - 120V</td>
<td>PEOQ6 - Lutron Hi-Lume Premier Ecosystem 0.1% w/soft on, fade to black dimming</td>
<td>30 - 30° Beam</td>
</tr>
<tr>
<td></td>
<td>16L - 1600 lm</td>
<td>35 - 3500K</td>
<td>3 - 347V</td>
<td>LDE15 - Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming</td>
<td>50 - 50° Beam</td>
</tr>
<tr>
<td></td>
<td>18L - 1870 lm</td>
<td>40 - 4000K</td>
<td>5 - 5000K</td>
<td>LTE5 - Hi-Lume 1% 2-wire</td>
<td>80 - 80° Beam</td>
</tr>
<tr>
<td></td>
<td>20L - 2070 lm</td>
<td>27 - 2700K</td>
<td>3 - 347V</td>
<td>LDES5 - Lutron Hi-Lume 5% Ecosystem</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24L - 2435 lm</td>
<td>30 - 3000K</td>
<td>1 - 120V</td>
<td>EEL5 - edoLED Eco 1% Dim (0-10V)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>29L - 2930 lm</td>
<td>35 - 3500K</td>
<td>3 - 347V</td>
<td>EDIQ5 - eldoLED Solo 0.1% Dim (0-10V)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>32L - 3280 lm</td>
<td>40 - 4000K</td>
<td>5 - 5000K</td>
<td>EDID - eldoLED Solo 0.1% Dim (DALI)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>40L - 4000 lm</td>
<td>27 - 2700K</td>
<td>3 - 347V</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Reflector**

<table>
<thead>
<tr>
<th>Frame</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>6RW - White</td>
<td>AC - Retrofit</td>
</tr>
<tr>
<td>6RS - Specular Clear</td>
<td>ER8 - Emergency Battery with Remote Switch (800 Lumens)</td>
</tr>
<tr>
<td>6RH - Haze</td>
<td>ER17 - Emergency Battery with Remote Switch (1700 Lumens)</td>
</tr>
<tr>
<td>6RB - Black</td>
<td>E8 - Emergency Battery</td>
</tr>
<tr>
<td>MTO - Made to order</td>
<td>E8R - Emergency Battery with Remote Switch</td>
</tr>
</tbody>
</table>

1. Step down transformer required.
2. Intelligent Drive is the standard driver for the Versa Commercial.
3. Driver must not exceed 20W
4. 120V only.
5. Inapplicable to 4000 Lumen offering.
6. Must specify logarithmic or linear edoLED diver.

www.rayonlighting.com
info@rayonlighting.com
Tel: 323.446.2626
Fax: 323.446.2606

Specification and product availability subject to change without notice

06/18
VERSACOMMERCIAL
6” LED COMMERCIAL DOWNLIGHT
RETROFIT

REMODEL DIMENSIONS

REFLECTOR/TRIM DIMENSIONS

LED HEIGHT INSIDE DOWNLIGHT

Specification and product availability subject to change without notice

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VERSACOMMERCIAL
6" LED COMMERCIAL DOWNLIGHT
RETROFIT

ANATOMY

VERSACOMMERCIAL REMODEL

OPTIC HOLDER
OPTICAL LENS
FILTER
OPTIC HOLDER RING
REFLECTOR
TRIM

FLEX HOLDER
FLEX
HEATSINK
JUNCTION BOX

 Specification and product availability subject to change without notice
30º BEAM

PHOTOMETRICS

TEST DATE: 18Sep16
SERIES: RVCA
FRAME: 4702.2
WATTS: 57.382

ILLUMINANCE AT A DISTANCE

<table>
<thead>
<tr>
<th>HEIGHT (FT)</th>
<th>CENTER BEAM FOOTCANDLE</th>
<th>BEAM SPREAD (FT)</th>
<th>FIELD SPREAD (FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.00</td>
<td>514.49 FC</td>
<td>2.7</td>
<td>5.6</td>
</tr>
<tr>
<td>8.00</td>
<td>128.62 FC</td>
<td>5.5</td>
<td>11.1</td>
</tr>
<tr>
<td>12.00</td>
<td>57.17 FC</td>
<td>9.2</td>
<td>16.7</td>
</tr>
<tr>
<td>16.00</td>
<td>32.16 FC</td>
<td>10.9</td>
<td>22.2</td>
</tr>
<tr>
<td>20.00</td>
<td>20.58 FC</td>
<td>13.7</td>
<td>27.8</td>
</tr>
</tbody>
</table>

BEAM ANGLE: 37.7º
FIELD ANGLE: 69.6º

50º BEAM

PHOTOMETRICS

TEST DATE: 16Sep16
SERIES: RVCA
FRAME: 3656.7
WATTS: 59.094

ILLUMINANCE AT A DISTANCE

<table>
<thead>
<tr>
<th>HEIGHT (FT)</th>
<th>CENTER BEAM FOOTCANDLE</th>
<th>BEAM SPREAD (FT)</th>
<th>FIELD SPREAD (FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.00</td>
<td>291.87 FC</td>
<td>4.4</td>
<td>6.4</td>
</tr>
<tr>
<td>8.00</td>
<td>72.97 FC</td>
<td>8.7</td>
<td>12.9</td>
</tr>
<tr>
<td>12.00</td>
<td>32.43 FC</td>
<td>13.1</td>
<td>19.3</td>
</tr>
<tr>
<td>16.00</td>
<td>18.24 FC</td>
<td>17.4</td>
<td>25.7</td>
</tr>
<tr>
<td>20.00</td>
<td>11.67 FC</td>
<td>21.8</td>
<td>32.2</td>
</tr>
</tbody>
</table>

BEAM ANGLE: 57.1º
FIELD ANGLE: 77.6º
70° BEAM

TEST DATE: 18Sep16
SERIES: RVCA
FRAME: 3657
LUMENS: 3657
WATTS: 57.566

PHOTOMETRICS

POLAR CANDELA DISTRIBUTION

CANDELA DISTRIBUTION

LUMENS PER ZONE

- ZONE
- LUMENS
- % TOTAL
0-30 2,332.3 61.1%
0-60 3,197.4 87.5%
60-90 0.000 0%
90-120 0.000 0%
0-90 3,653.1 100%
90-180 0.000 0%
180-360 3,653.1 100%

LCS TABLE

<table>
<thead>
<tr>
<th>ZONE</th>
<th>LUMENS</th>
<th>LUMENS %</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30</td>
<td>2,332.3</td>
<td>61.1%</td>
<td></td>
</tr>
<tr>
<td>0-60</td>
<td>3,197.4</td>
<td>87.5%</td>
<td></td>
</tr>
<tr>
<td>60-90</td>
<td>0.000</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>90-120</td>
<td>0.000</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>0-90</td>
<td>3,653.1</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>90-180</td>
<td>0.000</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>180-360</td>
<td>3,653.1</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

BUG RATING: B3 - UO - GO
FORWARD LIGHT
- LOW(0-30): 1,116.6
- MEDIUM(30-60): 710.7
- HIGH(60-90): 0.000
- VERY HIGH(90): 0.000

BACK LIGHT
- LOW(0-30): 1,116.6
- MEDIUM(30-60): 710.7
- HIGH(60-90): 0.000
- VERY HIGH(90): 0.000

UP LIGHT
- LOW(0-100): 0.000
- HIGH(100-180): 0.000

TRAPPED LIGHT: 0.000

ILLUMINANCE AT A DISTANCE

BEAM SPREAD HORIZONTAL, VERTICAL
- CENTER BEAM: 190.13
- FOOTCANDLE:
- LOW: 5.7
- MEDIUM: 47.53
- HIGH: 21.13
- VERY HIGH: 11.88
- TRAPPED: 0.00

FIELD SPREAD HORIZONTAL, VERTICAL
- BEAM ANGLE:
- 70.7
- 70.6
- 95.6
- 95.5

TECHNICAL SPECIFICATIONS

- MODEL #: 6" LED COMMERCIAL DOWNLIGHT
- LOCATION: RETROFIT
- CONTACT:

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Tel: 323.446.2626
Fax: 323.446.2606

Rayon Lighting
13333 W. Sunset Blvd.
Los Angeles, CA 90027

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