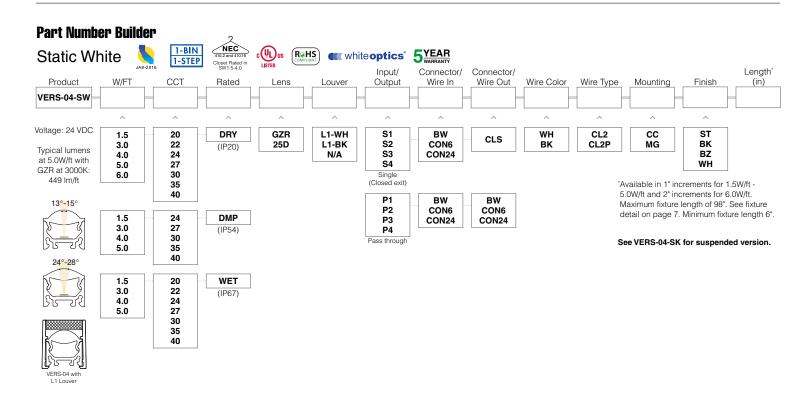




Synonymous with its name, the VERS Grazer offers superior narrow grazing properties ranging from 12 to 36 degrees, depending on the LED source. The enhanced optical acrylic lens delivers its performance through the utilization of a curved extruded lens treated with a proprietary diffusing agent to offer clean edges of even the tightest beam. Combined with the new high-efficacy LEDs, VERS Grazer can effectively graze surfaces of 12 feet or more.

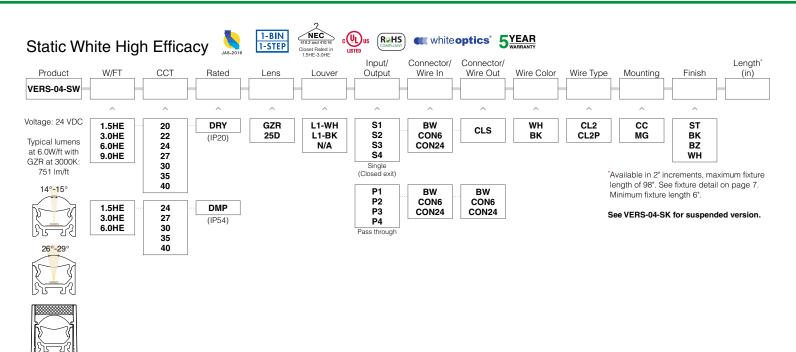


- BW comes in standard 36"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)

- Connector/Wire In or Out not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS

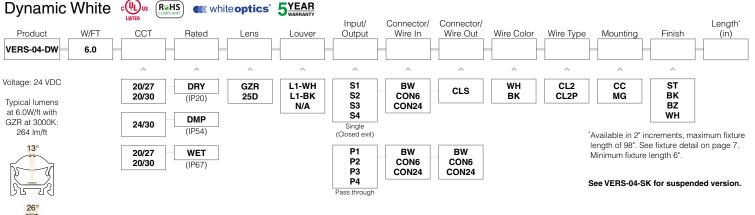
- Specify CL2P for plenum rated wire - One Step, One Bin based on 5W/ft
 - 5 year warranty
 - Field modifications void warranty
 - Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Suitable for installation in the storage area of a clothes closet when using wattage of 4.0W/ft or less





Dynamic White c(UL)us

ERS-04 wi



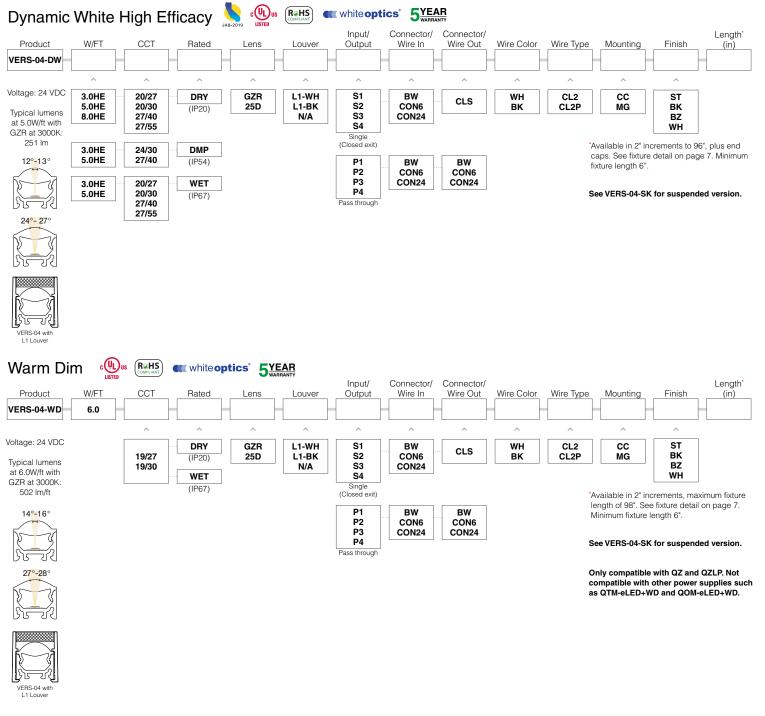
VERS-04 with L1 Louver

- BW comes in standard 36"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- Connector/Wire In or Out not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS - Specify CL2P for plenum rated wire
- One Step, One Bin based on 5W/ft
 - 5 year warranty
 - Field modifications void warranty
 - Data subject to change, all data has +/- 5% tolerance

ReHS

- Compatible for use with Q-Tran power supplies
- Suitable for installation in the storage area of a clothes closet when using wattage of 4.0W/ft or less

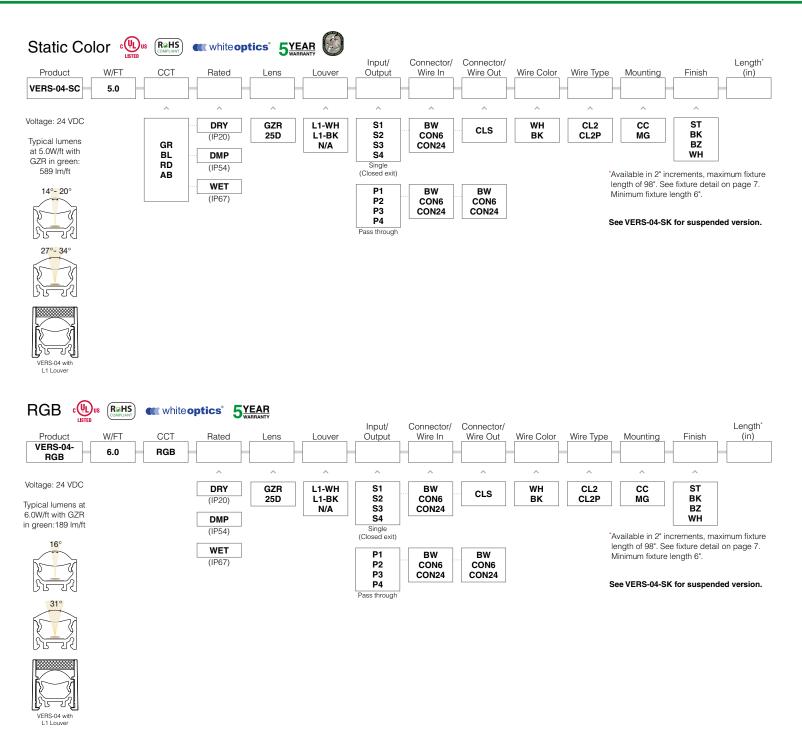




- BW comes in standard 36"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- Connector/Wire In or Out not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS - Specify CL2P for plenum rated wire
 - 5 year warranty
 - Field modifications void warranty

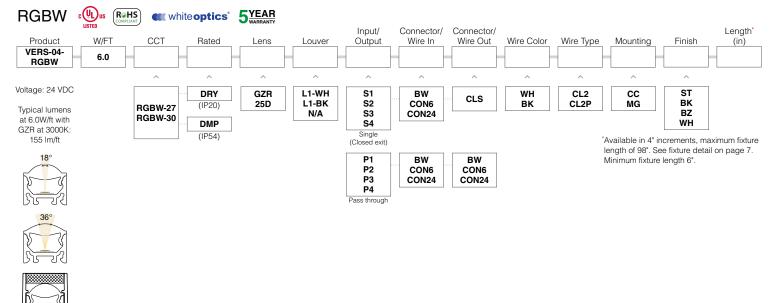
- Data subject to change, all data has +/- 5% tolerance
- · Compatible for use with Q-Tran power supplies





- BW comes in standard 36"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- Connector/Wire In or Out not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS - Specify CL2P for plenum rated wire
 - 5 year warranty
 - Field modifications void warranty
 - Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Florida Fish and Wildlife Conservation Commisson (FWC) rated strips: DRY and WET rated, Red and Amber





/FRS-04 with

I 1 Louv

- BW comes in standard 36"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)

- Connector/Wire In or Out not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS - Specify CL2P for plenum rated wire

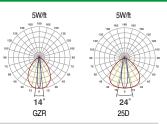
- 5 year warranty
- Field modifications void warranty

- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies



Beam Angle

| W/ft | 1.5 | 3 | 4 | 5 | 6 | 1.5HE | 3.0HE | 6.0HE | 9.0HE | DW | DW3.0HE | DW5.0HE | DW8.0HE | WD | Green | Blue | Red | Amber | RGB | RGBW |
|------|-----|-----|-----|-----|-----|-------|-------|-------|-------|-----|---------|---------|---------|-----|-------|------|-----|-------|-----|------|
| GZR | 13° | 13° | 13° | 14° | 15° | 15° | 14° | 14° | 15° | 13° | 12° | 12° | 13° | 15° | 18° | 20° | 14° | 16° | 16° | 18° |
| 25D | 27° | 25° | 26° | 24° | 28° | 28° | 26° | 27° | 29° | 26° | 25° | 24° | 27° | 27° | 34° | 33° | 27° | 30° | 31° | 36° |



Technical Information Delivered lumens

See photometric files for complete details.

Static White [Calculated L70 = 70000 hrs] Tested with VERS-04-SW-**-30-DRY-GZ

| | 1.5W/FT | | 3.0W/FT | | 4.00 | 4.0W/FT | | V/FT | 6.0W/FT | |
|-----|---------|-----|---------|-----|-------|---------|-------|------|---------|-----|
| | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| GZR | 169 | 98 | 294 | 98 | 372 | 98 | 449 | 98 | 546 | 98 |
| 25D | 162 | 98 | 281 | 98 | 344 | 98 | 422 | 98 | 491 | 98 |

Dynamic White High Efficacy

[Calculated L70 = 70000 hrs]

Tested with VERS-04-DW-5.0HE-**-DRY-GZR

| | 200 | 0K | 270 | 0K | 300 | 0K | 400 | 0K | 550 | 10K |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| | LM/FT | CRI |
| GZR | 225 | 92 | 251 | 98 | 266 | 98 | 278 | 97 | 307 | 97 |
| 25D | 223 | 93 | 250 | 98 | 256 | 98 | 259 | 97 | 287 | 97 |

RGB [Calculated L70 = 55000 hrs] Tested with VERS-04-RGB-6.0-RGB-DRY-GZR

| | | Red | | Green | Blue | | |
|-----|-------|------------|-------|------------|-------|------------|--|
| | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT | Wavelength | |
| GZR | 95 | 632 | 189 | 523 | 50 | 470 | |
| 25D | 79 | 632 | 175 | 521 | 45 | 469 | |

Static White High Efficacy

[Calculated L70 = 70000 hrs] Tested with VERS-04-SW-**-30-DRY-GZR

| | 1.5HE | W/FT | 3.0HE | W/FT | 6.0HE | W/FT | 9.0HE | W/FT |
|-----|-------|------|-------|------|-------|------|-------|------|
| | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| GZR | 216 | 98 | 404 | 97 | 751 | 98 | 1108 | 98 |
| 25D | 184 | 98 | 359 | 97 | 704 | 98 | 994 | 98 |

Static Color [Calculated L70 = 30000 hrs]

Tested with VERS-04-SC-5.0-**-DRY-GZR

| | F | led | Green | | E | lue | Amber | | |
|-----|-------|------------|-------|------------|-------|------------|-------|------------|--|
| | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT | Wavelength | |
| GZR | 124 | 635 | 589 | 521 | 137 | 467 | 95 | 595 | |
| 25D | 111 | 634 | 545 | 520 | 118 | 466 | 84 | 596 | |

Dynamic White

[Calculated L70 = 70000 hrs] Tested with VERS-04-DW-6.0-**-DRY-GZR

| | 2000K | | 270 | 0K | 3000K | | |
|-----|-------|-----|-------|-----|-------|-----|--|
| | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | |
| GZR | 231 | 93 | 251 | 97 | 264 | 98 | |
| 25D | 214 | 94 | 227 | 97 | 242 | 98 | |

Warm Dim

[Calculated L70 = 70000 hrs] Tested with VERS-04-WD-6.0-**-DRY-GZR

| | 270 | 0K | 300 | 0K |
|-----|-------|-----|-------|-----|
| | LM/FT | CRI | LM/FT | CRI |
| GZR | 492 | 98 | 502 | 97 |
| 25D | 476 | 97 | 485 | 97 |

RGBW [Calculated L70 = 30000 hrs] Tested with VERS-04-RGBW-6.0-**-DRY-GZR

| | 2700K | | 300 |)K | | Red | | Green | | Blue |
|-----|-------|-----|-------|-----|-------|------------|-------|------------|-------|------------|
| | LM/FT | CRI | LM/FT | CRI | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT | Wavelength |
| GZR | 147 | 92 | 155 | 92 | 41 | 632 | 122 | 514 | 36 | 463 |
| 25D | 131 | 91 | 146 | 93 | 39 | 631 | 108 | 514 | 33 | 464 |

Temperature Ratings Dependent on LED Strip W/FT

| Light Engine (LED Strip) | W/FT | Minimum Limit (°F) | Maximum Limit (°F) |
|-----------------------------|-------|-----------------------|-----------------------|
| | 1.5 | -40 | 138 |
| Static White | 3.0 | -40 | 124 |
| Static white | 4.0 | -40 | 115 |
| | 5.0 | -40 | 108 |
| | 1.5HE | -40 | 152 |
| Static White | 3.0HE | -40 | 140 |
| High-Efficacy | 6.0HE | -40 | 118 |
| | 9.0HE | -40 | 95 |



