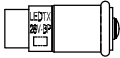
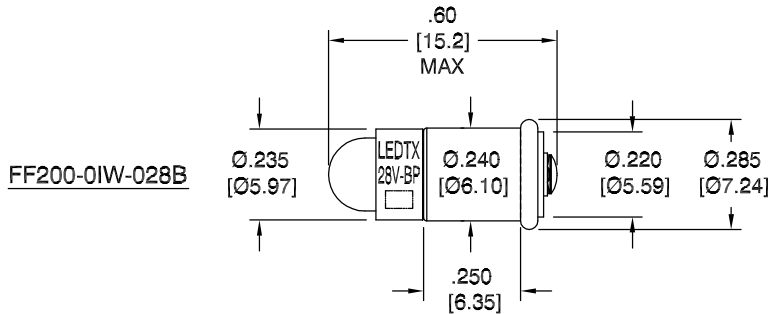
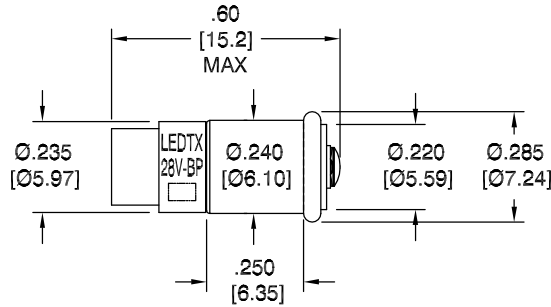


| LTR | REVISION                           | DATE     | APPD |
|-----|------------------------------------|----------|------|
| C   | 031423-GZ01: CHANGED VIEWING ANGLE | 03-15-23 | HF   |



ACTUAL SIZE



NOTES:

1. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
2. SLEEVE MATERIAL: RYNITE
3. BASE MATERIAL: SHELL, NICKEL PLATED BRASS
4. RIVET CAP MATERIAL: BRASS, GRADE B, .0005 THK. FINISH: NICKEL PLATE PER MIL SPEC MIL-C-26074
5. OPERATING TEMPERATURE: ~-30°C TO ~+50°C

\*\*FULL BEAM WIDTH @ 50% INTENSITY

| REVISION NOTIFICATION    |   |
|--------------------------|---|
| <input type="checkbox"/> | DLC   |
| <input type="checkbox"/> | UL/ETL  |
| <input type="checkbox"/> | MADE IN USA   |
| <input type="checkbox"/> | CUSTOMER _____  |
| <input type="checkbox"/> | OTHER   |
| REDLINE CHECKLIST        |   |
| <input type="checkbox"/> | REDLINE(YES)  |
| <input type="checkbox"/> | DATE: _____   |
| <input type="checkbox"/> | INITIATED BY: _____   |
| <input type="checkbox"/> | ECR REQUIRED YES <input type="checkbox"/> NO <input type="checkbox"/> |
| <input type="checkbox"/> | WORK ORDER# _____   |

ELECTRICAL - OPTICAL CHARACTERISTICS (Ta = 25°C)

| FF200-0AG-028B      | AQUA GREEN    | 24/28Vdc(@28Vdc) | 0.45 W    | 0.016 A     | 1.060cd         | 518nm  | -                    | 110°                        | BipolarDC (+/-)         |
|---------------------|---------------|------------------|-----------|-------------|-----------------|--------|----------------------|-----------------------------|-------------------------|
| FF200-0CW-028B      | COOL WHITE    | 24/28Vdc(@28Vdc) | 0.45 W    | 0.016 A     | 1.816cd         | -      | 8000K                | 125°                        | BipolarDC (+/-)         |
| FF200-0ER-028B      | SUPER RED     | 24/28Vdc(@28Vdc) | 0.56 W    | 0.020 A     | 0.580cd         | 637nm  | -                    | 85°                         | BipolarDC (+/-)         |
| FF200-01W-028B      | WARM WHITE    | 24/28Vdc(@28Vdc) | 0.45 W    | 0.016 A     | 1.520cd         | -      | 3000K                | 105°                        | BipolarDC (+/-)         |
| FF200-0PB-028B      | SUPER BLUE    | 24/28Vdc(@28Vdc) | 0.45 W    | 0.016 A     | 0.255cd         | 462nm  | -                    | 92°                         | BipolarDC (+/-)         |
| FF200-0UG-028B      | SUPER GREEN   | 24/28Vdc(@28Vdc) | 0.42 W    | 0.015 A     | 0.044cd         | 573nm  | -                    | 125°                        | BipolarDC (+/-)         |
| FF200-0UO-028B      | SUPER ORANGE  | 24/28Vdc(@28Vdc) | 0.48 W    | 0.017 A     | 0.680cd         | 610nm  | -                    | 125°                        | BipolarDC (+/-)         |
| FF200-0UR-028B      | ULTRA RED     | 24/28Vdc(@28Vdc) | 0.56 W    | 0.020 A     | 0.085cd         | 652nm  | -                    | 100°                        | BipolarDC (+/-)         |
| FF200-0UY-028B      | SUPER YELLOW  | 24/28Vdc(@28Vdc) | 0.56 W    | 0.017 A     | 0.565cd         | 594nm  | -                    | 110°                        | BipolarDC (+/-)         |
| FF200-21W-028B      | WARM WHITE    | 24/28Vdc(@28Vdc) | 0.42 W    | 0.015 A     | 0.508cd         | -      | 3000K                | 140°                        | BipolarDC (+/-)         |
| LEDTRONICS PART NO. | COLOR EMITTED | INPUT VOLTAGE, V | POWER (W) | CURRENT (A) | MAXIMUM CANDELA | λ P nm | COLOR TEMP. (Kelvin) | TYPICAL VIEWING ANGLE** ±5° | CENTER CONTACT POLARITY |

**LED**<sup>®</sup>  
**LEDTRONICS,™ INC.**  
 23105 KASHIWA COURT  
 TORRANCE, CA 90505

**-PROPRIETARY-**  
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 .XXX ± .010 TOLERANCE PER ANSI-Y14.5  
 .XX ± .025 (UNLESS OTHERWISE STATED)  
 ANGLES ± 0°,30'  
 FRACT. ± 1/32

| TITLE          |           |        |          |          |          |  |
|----------------|-----------|--------|----------|----------|----------|--|
| FF200-0XX-028B |           |        |          |          |          |  |
| DWG NO         | SCALE     | SHEET  | DATE     |          |          |  |
| FF200-28V-BP-2 | 2:1       | 1 OF 1 | 03-27-09 |          |          |  |
| CODE IDENT NO. | DWG BY GP | CHK BY | QA LUV   | MFG LD   | R&D UF   |  |
| 8Z410          | 03-27-09  |        | 03-17-23 | 03-17-23 | 03-15-23 |  |