

HIGH OUTPUT LED OPTIONS

We offer High Output LED sources from Xicato, Citizen, Ambient Dim™ and Philips. Due to the evolving nature of solid state light sources we have chosen to publish information regarding the output and power consumption of these products as a separate data sheet.

Xicato Series LED Light Engines

| Module | Ordering Code | Chip Model | Color Temp. (CT) | Color Rendering (CRI) | Driver Selection mA | Output (Lm) | Typical Power Consumption (Watts) | Efficacy (Lm/W) |
|---------|---------------|------------|------------------|-----------------------|---------------------|-------------|-----------------------------------|-----------------|
| 1300 lm | LEDX827 | XTM-S | 2700 | 83 | 700 (HO) | 1300 | 11.7 | 111 |
| | LEDX830 | | 3000 | | 500 (HE) | 965 | 8.2 | 118 |
| | LEDX835 | | 3500 | | 350 (HU) | 720 | 5.6 | 129 |
| | LEDX840 | | 4000 | | | | | |
| 1300 lm | LEDX927 | XTM-A | 2700 | 98 | 700 (HO) | 1300 | 15.6 | 83 |
| | LEDX930 | | 3000 | | 500 (HE) | 965 | 10.9 | 89 |
| | LEDX935 | | 3500 | | 350 (HU) | 720 | 7.4 | 97 |
| | LEDX940 | | 4000 | | | | | |
| 2000 lm | LEDX827 | XTM-S | 2700 | 83 | 700 (HO) | 2000 | 19.5 | 102 |
| | LEDX830 | | 3000 | | 500 (HE) | 1490 | 13.6 | 110 |
| | LEDX835 | | 3500 | | 350 (HU) | 1105 | 9.3 | 119 |
| | LEDX840 | | 4000 | | | | | |
| 2000 lm | LEDX927 | XTM-A | 2700 | 98 | 1050 (VHO) | 2000 | 26.4 | 76 |
| | LEDX930 | | 3000 | | 700 (HO) | 1400 | 17.0 | 82 |
| | LEDX935 | | 3500 | | 500 (HE) | 1055 | 11.9 | 89 |
| | LEDX940 | | 4000 | | 350 (HU) | 800 | 8.2 | 98 |
| 3000 lm | LEDX827 | XTM-S | 2700 | 83 | 1050 (VHO) | 3000 | 29.3 | 102 |
| | LEDX830 | | 3000 | | 700 (HO) | 2100 | 18.9 | 111 |
| | LEDX835 | | 3500 | | 500 (HE) | 1585 | 13.2 | 120 |
| | LEDX840 | | 4000 | | 350 (HU) | 1195 | 9.1 | 131 |
| 3000 lm | LEDX927 | XTM-A | 2700 | 98 | 1050 (VHO) | 3000 | 34.1 | 88 |
| | LEDX930 | | 3000 | | 700 (HO) | 2140 | 22.3 | 96 |
| | LEDX935 | | 3500 | | 500 (HE) | 1580 | 15.6 | 101 |
| | LEDX940 | | 4000 | | 350 (HU) | 1240 | 10.8 | 115 |

Ambient Dim™ LED Light Engines

| Ordering Code | Product Series | Color Temp. (CT) | Color Rendering (CRI) | Driver Selection | Output (LM) | Chip Efficacy | Chip Load (Watts) | Total Load Nominal (Watts) |
|---------------|----------------|------------------|-----------------------|------------------|-------------|---------------|-------------------|----------------------------|
| LED-AD | AD™ | 3000-1900 | 90+ | 350 (HU) | 1000 | 79 | 12.7 | 14.5 |



Patent Pending.
These specifications subject to change without notice.

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Linear LED Light Engines

| Ordering Code | Product Series | Color Temp. (CT) | Color Rendering (CRI) | Driver Selection | Output (LM/Ft) | Chip Efficacy | Total Load Nominal (Watts/Ft) |
|---------------|----------------|------------------|-----------------------|------------------|----------------|---------------|-------------------------------|
| LEDP827 | 3XX | 2700 | 80+ | UN2 | 1100 | 130 | 9 |
| LEDP830 | 3XX | 3000 | 80+ | UN2 | 1100 | 130 | 9 |
| LEDP927 | 3XX | 2700 | 90+ | UN2 | 1100 | 130 | 9 |
| LEDP930 | 3XX | 3000 | 90+ | UN2 | 1100 | 130 | 9 |
| LEDP935 | 3XX | 3500 | 90+ | UN2 | 1100 | 130 | 9 |
| LEDP827 | 6XX | 2700 | 80+ | UN2 | 1100 | 130 | 9 |
| LEDP830 | 6XX | 3000 | 80+ | UN2 | 1100 | 130 | 9 |
| LEDP927 | 6XX | 2700 | 90+ | UN2 | 1100 | 130 | 9 |
| LEDP930 | 6XX | 3000 | 90+ | UN2 | 1100 | 130 | 9 |
| LEDP935 | 6XX | 3500 | 90+ | UN2 | 1100 | 130 | 9 |
| LEDP827 | 8XX | 2700 | 80+ | UN5 | 636 | 65 | 12 |
| LEDP827 | 8XX | 2700 | 80+ | UN3 | 579 | 80 | 9 |
| LEDP827 | 8XX | 2700 | 80+ | UN2 | 1100 | 130 | 9 |
| LEDP830 | 8XX | 3000 | 80+ | UN5 | 706 | 72 | 12 |
| LEDP830 | 8XX | 3000 | 80+ | UN3 | 642 | 89 | 9 |
| LEDP830 | 8XX | 3000 | 80+ | UN2 | 1100 | 130 | 9 |
| LEDP835 | 8XX | 3500 | 80+ | UN5 | 706 | 72 | 12 |
| LEDP835 | 8XX | 3500 | 80+ | UN3 | 642 | 89 | 9 |
| LEDP835 | 8XX | 3500 | 80+ | UN2 | 1100 | 130 | 9 |
| LEDP927 | 8XX | 2700 | 90+ | UN2 | 1100 | 130 | 9 |
| LEDP930 | 8XX | 3000 | 90+ | UN2 | 1100 | 130 | 9 |
| LEDP935 | 8XX | 3500 | 90+ | UN2 | 1100 | 130 | 9 |

Citizen LED Light Engines

| Ordering Code | Chip Model | Color Temp. (CT) | Color Render (CRI) | Current (mA) | Source Selection | Output Source* | Chip Efficacy | Chip Load (Watts) | Total Load Nominal (Watts) |
|---------------|------------|------------------|--------------------|--------------|------------------|----------------|---------------|-------------------|----------------------------|
| LEDZ927 | CLU028 | 2700 | 90+ | 350 | CZ14 | 1578 | 129 | 12.3 | 14 |
| | | | | 500 | CZ20 | 2176 | 120 | 18.2 | 20 |
| | | | | 700 | CZ28 | 2914 | 110 | 26.5 | 28 |
| LEDZ930 | CLU026 | 3000 | 90+ | 350 | CZ14 | 1643 | 134 | 12.3 | 14 |
| | | | | 500 | CZ20 | 2265 | 125 | 18.2 | 20 |
| | | | | 700 | CZ28 | 3034 | 115 | 26.5 | 28 |
| LEDZ935 | CLU026 | 3500 | 90+ | 350 | CZ14 | 1665 | 136 | 12.3 | 14 |
| | | | | 500 | CZ20 | 2297 | 126 | 18.2 | 20 |
| | | | | 700 | CZ28 | 3075 | 116 | 26.5 | 28 |
| LEDZ940 | CLU026 | 4000 | 90+ | 350 | CZ14 | 1669 | 136 | 12.3 | 14 |
| | | | | 500 | CZ20 | 2301 | 127 | 18.2 | 20 |
| | | | | 700 | CZ28 | 3081 | 116 | 26.5 | 28 |

*See photometrics for delivered Lumens

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