

DESCRIPTION

GRLED is a recessed lensed troffer series which offers a high quality luminaire designed with the latest solid state lighting and electronic driver technology for optimal performance and energy efficiency. The GRLED is compatible with all of today's popular ceiling systems and is available with a number of shielding options and accessories for application versatility.

The GRLED series features efficiency, quality and performance. The series is an excellent choice for use in a variety of indoor spaces such as offices, schools, residential, hospitals or retail merchandising areas.

SPECIFICATION FEATURES

Construction

Rigid housing is die formed of code gauge prime cold rolled steel and features full length die-formed stiffeners and unibody endplate for added strength. Side flanges are hemmed for safe handling. Innovative design provides superior lens brightness, uniformity and visual comfort. Unibody endplates are securely attached with interlocking tabs and screws. Four auxiliary fixture end suspension points provided. Endplates have integral Grid-lock feature for safety and convenience. Drivers and internal components are accessible from below the ceiling and LED modules include plug-in low voltage connectors.

Controls

Metalux LED luminaires come standard with 0-10V dimming driver (10% standard, 1% optional).

Options compatible with Eaton's Connected Lighting Systems:

- WaveLinX sensor
- LumaWatt Pro sensor
- SVPD sensor
- DLVP sensor and driver
- Fifth Light DALI driver

Other options include step-dimming and 3rd party drivers. Refer to the Connected Lighting options page and ordering information for more details.

Electrical

Long-Life LED system coupled with electrical driver to deliver optimal performance. LED's available in 3000K, 3500K, 4000K or 5000K with a minimum of 80 CRI. TM21 rating up to L89 >60,000 hours. Electronic drivers are cULus recognized and available for 120-277V and 347V applications. Standard dimming is 0-10V to 10% with 1%, step and Fifth Light DALI dimming options available.

Emergency Battery Pack Option

Optional 120V-277V integral emergency battery pack is available in 7-watts or 14-watts to meet critical life-safety lighting requirements. The 90-minute batteries provide constant power to the LED system, ensuring code-compliance. A test switch/indicator button can be tested safely from the ground using a laser pointer, while the patented EZ Key prevents accidental discharge of the battery during construction.

| | | | |
|--------------------|--|-------------|--|
| Catalog # | | Type | |
| Project | | Date | |
| Comments | | | |
| Prepared by | | | |

Emergency/generator transfer options available – see ordering information for details.

Frame/Optical Shielding

Die formed, flat steel door with frosted #12 pattern acrylic prismatic lens offering the balance of rigidity and light stability. Primary stocking skus come standard with robust .095 lens with other options available for maximum versatility.

Compliance

Modules are UL recognized components and indoor luminaires are cULus listed for 25°C ambient environments. Fixtures are suitable for direct insulation contact and are damp location listed. RoHS compliant. LED components comply with IESNA LM-79 and LM-80 standards. DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.



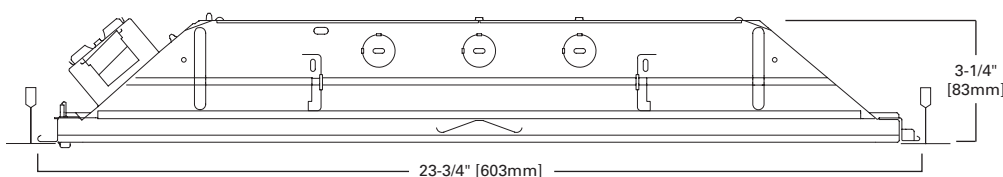
24GR LED LED

2' X 4' LED TROFFER

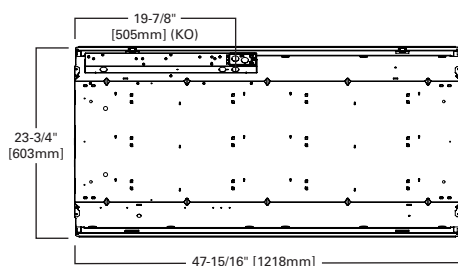
General Recessed LED Troffer
For Use in Insulated Ceilings



Connected Systems
[CLICK HERE](#)



MOUNTING DATA



DOOR FRAMES

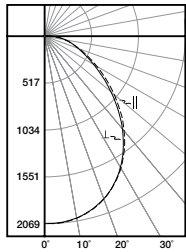
| GC | GCAFA | GCRA |
|----------------------------|-------------------------------|-----------------------------------|
| Flat, White Steel Aluminum | Flat, Extruded White Aluminum | Deep, Regressed, Extruded Natural |

CEILING COMPATIBILITY

| Grid/Lay-in Standard | Concealed T | Slot Grid | Ceiling Type | Trim Type |
|----------------------|-------------|-----------|--------------|-----------|
| | | | Exposed Grid | G |
| | | | Concealed T | G |
| | | | Slot Grid | G |

(Verify compatibility/consult factory.)

PHOTOMETRICS



24GR-LD5-48-F1-UNV-L835-CD1-U

Electronic Driver
 Linear LED 3500K
 Spacing criterion:
 (H) 1.19 x mounting
 height, (L) 1.18 x
 mounting height
 Lumens: 4821
 Input Watts: 37W
 Efficacy: 128.6 lm/W
 Test Report: 24GR-
 LD5-48-F1-UNV-
 L835-CD1-U.IES

Candlepower

| Angle | Along H | 45° | Across L |
|-------|---------|------|----------|
| 0 | 2064 | 2064 | 2064 |
| 5 | 2061 | 2052 | 2057 |
| 10 | 2028 | 2019 | 2026 |
| 15 | 1972 | 1963 | 1968 |
| 20 | 1890 | 1879 | 1887 |
| 25 | 1779 | 1773 | 1774 |
| 30 | 1648 | 1638 | 1635 |
| 35 | 1493 | 1481 | 1467 |
| 40 | 1316 | 1299 | 1286 |
| 45 | 1128 | 1108 | 1087 |
| 50 | 946 | 921 | 893 |
| 55 | 767 | 740 | 717 |
| 60 | 606 | 574 | 563 |
| 65 | 468 | 437 | 440 |
| 70 | 349 | 329 | 344 |
| 75 | 256 | 243 | 265 |
| 80 | 172 | 168 | 190 |
| 85 | 95 | 90 | 105 |
| 90 | 0 | 0 | 0 |

Coefficients of Utilization

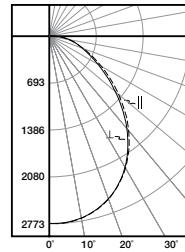
| rc | Effective floor cavity reflectance | | | | | | | | | | | | | | | | | | | | |
|----|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 80% | | | | 70% | | | | 50% | | | | 20% | | | | | | | | |
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 100 | 100 |
| 1 | 109 | 105 | 101 | 97 | 107 | 103 | 99 | 96 | 98 | 95 | 93 | 94 | 92 | 90 | 91 | 89 | 87 | 85 | 85 | 85 | 85 |
| 2 | 100 | 92 | 86 | 80 | 98 | 90 | 85 | 80 | 87 | 82 | 78 | 84 | 80 | 76 | 81 | 77 | 74 | 72 | 72 | 72 | 72 |
| 3 | 92 | 82 | 74 | 68 | 89 | 80 | 73 | 67 | 77 | 71 | 66 | 75 | 69 | 65 | 72 | 68 | 64 | 62 | 62 | 62 | 62 |
| 4 | 85 | 73 | 65 | 58 | 82 | 72 | 64 | 58 | 69 | 63 | 57 | 67 | 61 | 57 | 65 | 60 | 56 | 54 | 54 | 54 | 54 |
| 5 | 78 | 66 | 57 | 51 | 76 | 65 | 57 | 51 | 63 | 56 | 50 | 61 | 55 | 50 | 59 | 54 | 49 | 47 | 47 | 47 | 47 |
| 6 | 72 | 60 | 51 | 45 | 71 | 59 | 51 | 45 | 57 | 50 | 44 | 55 | 49 | 44 | 54 | 48 | 44 | 42 | 42 | 42 | 42 |
| 7 | 67 | 54 | 46 | 40 | 66 | 54 | 46 | 40 | 52 | 45 | 40 | 51 | 44 | 39 | 49 | 44 | 39 | 37 | 37 | 37 | 37 |
| 8 | 63 | 50 | 42 | 36 | 61 | 49 | 41 | 36 | 48 | 41 | 36 | 47 | 40 | 36 | 46 | 40 | 35 | 33 | 33 | 33 | 33 |
| 9 | 59 | 46 | 38 | 33 | 58 | 45 | 38 | 33 | 44 | 37 | 32 | 43 | 37 | 32 | 42 | 36 | 32 | 30 | 30 | 30 | 30 |
| 10 | 55 | 43 | 35 | 30 | 54 | 42 | 35 | 30 | 41 | 34 | 30 | 40 | 34 | 29 | 39 | 33 | 29 | 28 | 28 | 28 | 28 |

Zonal Lumen Summary

| Zone | Lumens | % Fixture |
|-------|--------|-----------|
| 0-30 | 1564 | 32.4 |
| 0-40 | 2486 | 51.6 |
| 0-60 | 4001 | 83.1 |
| 0-90 | 4821 | 100.0 |
| 0-180 | 4821 | 100.0 |

Luminance Data

| Angle in Deg | Average 0-Deg cd/sm | Average 45-Deg cd/sm | Average 90-Deg cd/sm |
|--------------|---------------------|----------------------|----------------------|
| 45 | 2444 | 2401 | 2355 |
| 55 | 2048 | 1977 | 1915 |
| 65 | 1697 | 1584 | 1595 |
| 75 | 1517 | 1439 | 1571 |
| 85 | 1671 | 1580 | 1842 |



24GR-LD5-64-F1-UNV-L835-CD1-U

Electronic Driver
 Linear LED 3500K
 Spacing criterion:
 (H) 1.19 x mounting
 height, (L) 1.18 x
 mounting height
 Lumens: 6462
 Input Watts: 48W
 Efficacy: 134.2 lm/W
 Test Report: 24GR-
 LD5-64-F1-UNV-
 L835-CD1-U.IES

Candlepower

| Angle | Along H | 45° | Across L |
|-------|---------|------|----------|
| 0 | 2767 | 2767 | 2767 |
| 5 | 2763 | 2750 | 2758 |
| 10 | 2718 | 2706 | 2716 |
| 15 | 2643 | 2631 | 2637 |
| 20 | 2534 | 2519 | 2529 |
| 25 | 2384 | 2376 | 2378 |
| 30 | 2209 | 2196 | 2192 |
| 35 | 2001 | 1985 | 1967 |
| 40 | 1764 | 1741 | 1724 |
| 45 | 1512 | 1486 | 1458 |
| 50 | 1267 | 1234 | 1198 |
| 55 | 1028 | 992 | 961 |
| 60 | 812 | 769 | 755 |
| 65 | 627 | 586 | 590 |
| 70 | 467 | 440 | 461 |
| 75 | 344 | 326 | 356 |
| 80 | 231 | 225 | 254 |
| 85 | 128 | 121 | 141 |
| 90 | 0 | 0 | 0 |

Coefficients of Utilization

| rc | Effective floor cavity reflectance | | | | | | | | | | | | | | | | | | | | |
|----|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 80% | | | | 70% | | | | 50% | | | | 20% | | | | | | | | |
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 100 | 100 |
| 1 | 109 | 105 | 101 | 97 | 107 | 103 | 99 | 96 | 98 | 95 | 93 | 94 | 92 | 90 | 91 | 89 | 87 | 85 | 85 | 85 | 85 |
| 2 | 100 | 92 | 86 | 80 | 98 | 90 | 85 | 80 | 87 | 82 | 78 | 84 | 80 | 76 | 81 | 77 | 74 | 72 | 72 | 72 | 72 |
| 3 | 92 | 82 | 74 | 68 | 89 | 80 | 73 | 67 | 77 | 71 | 66 | 75 | 69 | 65 | 72 | 68 | 64 | 62 | 62 | 62 | 62 |
| 4 | 85 | 73 | 65 | 58 | 82 | 72 | 64 | 58 | 69 | 63 | 57 | 67 | 61 | 57 | 65 | 60 | 56 | 54 | 54 | 54 | 54 |
| 5 | 78 | 66 | 57 | 51 | 76 | 65 | 57 | 51 | 63 | 56 | 50 | 61 | 55 | 50 | 59 | 54 | 49 | 47 | 47 | 47 | 47 |
| 6 | 72 | 60 | 51 | 45 | 71 | 59 | 51 | 45 | 57 | 50 | 44 | 55 | 49 | 44 | 54 | 48 | 44 | 42 | 42 | 42 | 42 |
| 7 | 67 | 54 | 46 | 40 | 66 | 54 | 46 | 40 | 52 | 45 | 40 | 51 | 44 | 39 | 49 | 44 | 39 | 37 | 37 | 37 | 37 |
| 8 | 63 | 50 | 42 | 36 | 61 | 49 | 41 | 36 | 48 | 41 | 36 | 47 | 40 | 36 | 46 | 40 | 35 | 33 | 33 | 33 | 33 |
| 9 | 59 | 46 | 38 | 33 | 58 | 45 | 38 | 33 | 44 | 37 | 32 | 43 | 37 | 32 | 42 | 36 | 32 | 30 | 30 | 30 | 30 |
| 10 | 55 | 43 | 35 | 30 | 54 | 42 | 35 | 30 | 41 | 34 | 30 | 40 | 34 | 29 | 39 | 33 | 29 | 28 | 28 | 28 | 28 |

Zonal Lumen Summary

| Zone | Lumens | % Fixture |
|-------|--------|-----------|
| 0-30 | 2097 | 32.4 |
| 0-40 | 3333 | 51.6 |
| 0-60 | 5370 | 83.1 |
| 0-90 | 6462 | 100.0 |
| 0-180 | 6462 | 100.0 |

Luminance Data

| Angle in Deg | Average 0-Deg cd/sm | Average 45-Deg cd/sm | Average 90-Deg cd/sm |
|--------------|---------------------|----------------------|----------------------|
| 45 | 3276 | 3218 | 3157 |
| 55 | 2746 | 2650 | 2567 |
| 65 | 2275 | 2123 | 2138 |
| 75 | 2034 | 1928 | 2105 |
| 85 | 2241 | 2119 | 2469 |

ENERGY AND PERFORMANCE DATA BY CATALOG NUMBER

| Stock or MTO* | Catalog Logic | Delivered Lumens | Watts | Efficacy (LPW) |
|---------------|--------------------------------|------------------|-------|----------------|
| MTO | 24GR-LD5-30-F1-UNV-L835-CD1-U | 3074 | 23.4 | 131 |
| MTO | 24GR-LD5-34-F1-UNV-L835-CD1-U | 3459 | 26.7 | 129 |
| Stock | 24GR-LD5-38-F1-UNV-L835-CD1-U | 3880 | 30.6 | 127 |
| MTO | 24GR-LD5-42-F1-UNV-L835-CD1-U | 4294 | 34.6 | 124 |
| Stock | 24GR-LD5-48-F1-UNV-L835-CD1-U | 4821 | 37.4 | 129 |
| MTO | 24GR-LD5-56-F1-UNV-L835-CD1-U | 5618 | 45.1 | 124 |
| Stock | 24GR-LD5-64-F1-UNV-L835-CD1-U | 6462 | 48.1 | 134 |
| MTO | 24GR-LD5-72-F1-UNV-L835-CD1-U | 7257 | 56.0 | 129 |
| MTO | 24GR-LD5-85-F1-UNV-L835-CD1-U | 8567 | 70.3 | 122 |
| MTO | 24GR-LD5-90-F1-UNV-L835-CD1-U | 9092 | 69.1 | 132 |
| MTO | 24GR-LD5-100-F1-UNV-L835-CD2-U | 10030 | 71.7 | 140 |
| MTO | 24GR-LD5-120-F1-UNV-L835-CD2-U | 12260 | 90.1 | 136 |
| MTO | 24GR-LD5-130-F1-UNV-L835-CD2-U | 13290 | 90.2 | 134 |
| MTO | 24GR-LD5-150-F1-UNV-L835-CD2-U | 15340 | 120.3 | 128 |
| MTO | 24GR-LD5-180-F1-UNV-L835-CD2-U | 18050 | 144.2 | 125 |

LENS TABLE

| Approximate Lumen Multiplier | |
|------------------------------|------|
| F1 | 1.0 |
| F125 | 1.0 |
| A125 | 1.01 |
| A | 1.01 |
| A19/156 | .975 |
| FGW080 | .85 |

CCT TABLE

| Approximate Color Temperature Multiplier | |
|--|-------|
| 5000K | 1.016 |
| 4000K | 1.016 |
| 3500K | 1.0 |
| 3000K | .982 |
| 2700K | .930 |

*Stocked in 3500K and 4000K others are MTO.

ORDERING INFORMATION

SAMPLE NUMBER: 24GR-LD5-48-F1-UNV-L835-CD1-U

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|--|---------|--|---------|--|---------|--|---------|--|--|---|
| <p>Rating [Blank]= Standard ATW-SW4= Chicago Rated</p> <p>Width / Length 24=2' x 4'</p> <p>Trim Type G=Grid/Lay-in (Standard) ⁽¹⁾ G=Concealed T G=Slot Grid</p> <p>Series ⁽¹³⁾ R=General Purpose Troffer</p> <p>Door Frame Standard=Flat White Steel Door (Leave Blank) FA=Flush White Extruded Aluminum c/w Spring Latch RA=Regressed White Extruded Aluminum FAN=Flush Natural Anodized Extruded Aluminum RAN=Regressed Natural Anodized Extruded Aluminum FAB=Flush Black Extruded Aluminum RAB=Regressed Black Extruded Aluminum A/WG=Prismatic Acrylic Lens, Wireguard & Doorframe F1/WG=Frosted Prismatic Acrylic Lens, Wireguard & Doorframe</p> | <p>LED Type LD5=LED 5.0</p> <p>LED Lumen Output ⁽¹¹⁾</p> <table border="1"> <tr><td>30=3000</td><td>100=10000</td></tr> <tr><td>34=3400</td><td>120=12000</td></tr> <tr><td>38=3800</td><td>130=13000</td></tr> <tr><td>42=4200</td><td>150=15000</td></tr> <tr><td>48=4800</td><td>180=18000</td></tr> <tr><td>56=5600</td><td></td></tr> <tr><td>64=6400</td><td></td></tr> <tr><td>72=7200</td><td></td></tr> <tr><td>85=8500</td><td></td></tr> <tr><td>90=9000</td><td></td></tr> </table> <p>Shielding F1=A12 .095 HP (Standard) F125=A12 .125 HP A=A12 .095 A125=A12 .125 A19/156=#19 Pattern Acrylic (.156" Thick) FGW080=Frosted Glazed Lens .080</p> | 30=3000 | 100=10000 | 34=3400 | 120=12000 | 38=3800 | 130=13000 | 42=4200 | 150=15000 | 48=4800 | 180=18000 | 56=5600 | | 64=6400 | | 72=7200 | | 85=8500 | | 90=9000 | | <p>Voltage ⁽²⁾ 347V=347 Volt ^{(14), (15)} UNV=Universal Voltage 120-277 ⁽³⁾ 48V=48 Volt Low-voltage (Class 2)</p> <p>Options GL=Single Element Fuse GM=Double Element Fuse</p> <p>Emergency EL7W=7-watt, 120V-277V emergency battery pack installed ⁽⁴⁾ EL14W=14-watt 120V-277V emergency battery pack installed ⁽⁴⁾ ELV7W=7-watt, DLVP-compatible low voltage emergency battery pack installed ⁽⁵⁾ ELV14W=14-watt DLVP-compatible low voltage emergency battery pack installed ⁽⁵⁾ GTR2=Bodine Generator Transfer Relay ⁽¹⁰⁾ ETRD=lota Emergency Transfer Relay with dimming control ⁽¹⁰⁾</p> <p>CCT L830=3000K L835=3500K L840=4000K L850=5000K</p> <p>Flex A3/8-4/18GDIM=3/8" Flex with 0-10V Dimming Leads Multiple other configurations available. See below for details.</p> | <p>Driver Type CD=0-10V Dimming Driver (10%-100% Dimming) ⁽⁹⁾ HCD=0-10V Dimming Driver (1%-100% Dimming) ⁽⁹⁾ SR=Sensor-ready Dimming Driver for LWIPD1 option (1%-100% Dimming) ^{(12), (8)} 5LTD=Fifth Light DALI Driver (10%-100% Dimming) ^{(8), (6)} 5LTHD=Fifth Light Dimming Driver (1%-100% Dimming) ⁽⁶⁾ LV1=DLVP Dimming Driver (0%-100% Dimming) ⁽²⁾ SD=Step Dimming Driver (50% or 100% Dimming) ⁽⁷⁾ LH=Lutron HiLume (LDE1 series) 1%-100% EcoSystem Driver with Soft-on Fade to Black dimming ⁽⁷⁾ L5=Lutron 5 Series (LDE5-Series) 5%-100% EcoSystem Driver ⁽⁷⁾ LU=Lutron HiLume (L3D series) 1%-100% EcoSystem/3-wire Driver ⁽⁷⁾</p> <p>Number of Drivers 1=1 Driver 2=2 Drivers</p> <p>Options PAF=Painted After Fabrication G1=Gasket, Door Frame and Housing G2=G1 plus Gasket between Lens and Door G3=G1 and G2 plus Gasketing on Mounting Surface of Fixture Trims ^{(5), (6)} XFMR=Transformer</p> |
| 30=3000 | 100=10000 | | | | | | | | | | | | | | | | | | | | | | |
| 34=3400 | 120=12000 | | | | | | | | | | | | | | | | | | | | | | |
| 38=3800 | 130=13000 | | | | | | | | | | | | | | | | | | | | | | |
| 42=4200 | 150=15000 | | | | | | | | | | | | | | | | | | | | | | |
| 48=4800 | 180=18000 | | | | | | | | | | | | | | | | | | | | | | |
| 56=5600 | | | | | | | | | | | | | | | | | | | | | | | |
| 64=6400 | | | | | | | | | | | | | | | | | | | | | | | |
| 72=7200 | | | | | | | | | | | | | | | | | | | | | | | |
| 85=8500 | | | | | | | | | | | | | | | | | | | | | | | |
| 90=9000 | | | | | | | | | | | | | | | | | | | | | | | |

Integrated Sensing Systems
SWPD1=WaveLinX Wireless Integrated Sensor ^(A)
LWIPD1=LumaWatt Pro Wireless Integrated Sensor ^(B)
LWTPD1=LumaWatt Pro Wireless Tile-mount Sensor ^(B)
SLVPD1=DLVP Low-voltage Integrated Sensor ^(C)
SVPD1=0-10V Stand-alone Integrated Sensor ^(D)

Packaging
U=Unit Pack
PAL=Job Pack, out of carton
PALC=Job Pack, in carton

ACCESSORIES

EQ-CLIP-U=T-BAR Safety Earthquake Clips ⁽¹⁾
DF-24-W=2' x 4' Drywall Frame Kit
ISHH-01=Programming Remote for Integrated Sensor ^(D)
ISHH-02=Personal Control Remote for Integrated Sensor ^(D)



NOTES: ⁽¹⁾ An EQ Grid Clip is recommended for all 9/16" ceiling systems. ⁽²⁾ Products also available in non-US voltages and frequencies for international markets. ⁽³⁾ Not available when specifying emergencies, voltage must be specific. ⁽⁴⁾ With integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens). IES-format photometry for luminaire under emergency operation available. ⁽⁵⁾ Gasketing only available with aluminum door frame. ⁽⁶⁾ Gasketing minimum .125. ⁽⁷⁾ Step dimming (bi-level) 1 driver, 4200 - 10000, 2 driver, 12000 and up lumen model. ⁽⁸⁾ DALI available from 4200 - 9000 lumen models. Two drivers required for 10000 lumen models and up. ⁽⁹⁾ Requires two drivers for 10000 lumens and above. ⁽¹⁰⁾ Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). GTR2 option includes 2 relays on fixtures with dimming drivers. ETRD option only requires one relay when used on a dimming fixture. Must specify voltage as 120V or 277V when ordering these devices. ⁽¹¹⁾ Nominal lumen output. See table for actual values ⁽¹²⁾ SR driver required for LWIPD1 only. PDR required for 120 lumens and up. ⁽¹³⁾ DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details. ⁽¹⁴⁾ XFMR required for 15000 lumens and up. ⁽¹⁵⁾ 347V versions are not available with emergency options. SD, 5LTD, and SR drivers with 347V are available but not DLC qualified.

Integrated Sensing and Control System Options
NOTES: Integrated options must be used in conjunction with the associated system and may not be compatible with other options or accessories. Please refer to the following: ^(A) Consult WaveLinX system pages for additional details and compatibility. ^(B) Consult LumaWatt Pro system pages for additional details and compatibility. ^(C) Consult DLVP system pages for additional details and compatibility. ^(D) Consult SVPD series system pages for additional details and compatibility. ^(E) Consult Fifth Light system pages for additional details and compatibility. ^(F) Consult Marketplace Options - Lutron system pages for additional details and compatibility. Compatible only with driver series shown, and may require two or more drivers. Requires field commissioning to operate or dim. Contact Lutron at www.lutron.com.

Flexible Metal Conduit Options
Flex options available for 0-10V dimming control, DALI dimming control, emergency and night light functions. 72-inch factory-installed and pre-wired to driver, fitted to luminaire housing access plate with 90° enclosed FMC connector. Not all options may be combined and installation ratings vary by type.
A3/8-4/18GDIM series notes: Factory installed dimming option 3/8" flexible metal conduit with 2-#18 power and ground wires and 2-#18 UL-listed jacketed 0-10V +/- control wires. Meets UL 66, 83, 1479, 1569, 1581, 2556. NEC® 250.118, 300.22(C), 392, 396, 330, 501, 502, 503, 530, 504, 505, 518, 520, 530, 645, 72; Federal Specification A-A-59544 (formerly J-C-30B); all applicable OSHA and HUD Requirements. UL Classified 1-, 2-, and 3-hour through penetration with applicable fire stop product (not included). May be surface mounted, fished and/or embedded in plaster. Cable tray and approved raceway rated, install per NEC®; Environmental Air-Handling Space Installation per NEC® 300.22(C).

Specifications & dimensions subject to change without notice. Consult your Eaton Representative for availability and ordering information.

SHIPPING DATA

| Catalog No. | Wt. | Pallet |
|-------------|---------|--------|
| 24GR-LD5-48 | 20 lbs. | 28 |



Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Specifications and dimensions subject to change without notice.