

INSTALLATIONS

- HOSPITALS
- ASSISTED LIVING
- HOSPITALITY
- RETAIL
- NATATORIUMS / PUBLIC POOLS
- SCHOOLS
- STRIP CENTERS

APPLICATIONS

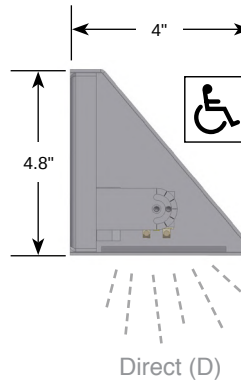
- EGRESS
- BEDLIGHT
- CORRIDORS
- STAIRWELLS
- VANITY
- EAVES
- CONFERENCE ROOMS



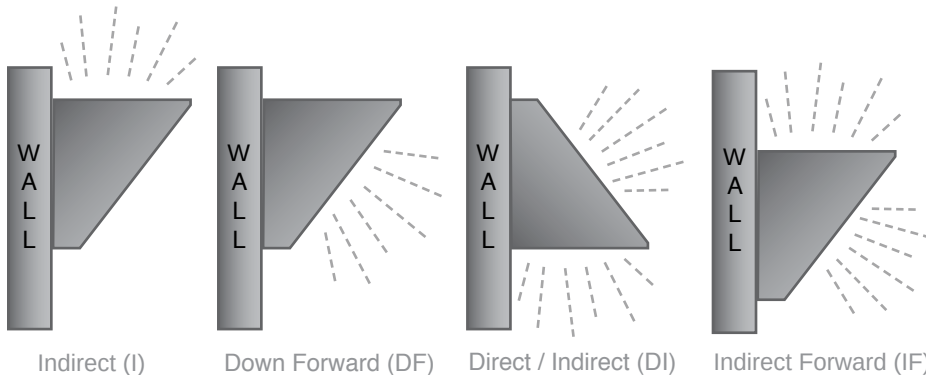
White Finish (WHT)



Black Finish (BK)



STYLE



Catalog Number

Project Name & Location

Type

Product Specifications

DRIVER: Universal Volt 120/277v electronic driver with 0-10V dimming is standard.

FINISH: White standard finish. Optional Black, Bronze, OR Painted Aluminum.

HOUSING: Heavy gauge aluminum houses all wiring and components.

LENS: .156" Prismatic Polycarbonate Lens is standard and includes Glare Control.

LIGHT ENGINE: Energy efficient LED.

COMPLIANCE: Built according to US & Canadian Standards. Suitable for Wet Locations. **Made in USA / Buy America Compliant / Buy American Act.**



order example:

LDG-D-PGC-48-LED40-CT4-80CRI-UNV-BK

SERIES

LDG Ledge Series

STYLE

D Direct (Downlight) - STANDARD

DF Down / Forward Throw Light (Downlight)

DI Direct (Downlight) / Indirect (Uplight)

IF Indirect (Uplight) / Forward Throw Light

I Indirect (Uplight)

LENS

PGC Clear Prismatic Polycarbonate - STANDARD
– Includes Glare Control

LENGTH

14 14" Length x 4.8" Height x 4" Depth

– Not compatible with Integral Emergency Battery

24 24" Length x 4.8" Height x 4" Depth

36 36" Length x 4.8" Height x 4" Depth

48 48" Length x 4.8" Height x 4" Depth

TDM(xx) Tandem Joined Fixtures

– xx = Total Run Length (inches), ex: TDM96

– Requires Conduit Adapter Back Box (CA)

LED WATTAGE (See 2nd Page for Lumen Info)

LEDxx LED (xx = Wattage, ex: LED50)

14"	LED20
24"	LED20 / LED30 / LED40
36"	LED30 / LED40
48"	LED40 / LED50

LED COLOR TEMPERATURE (CCT)

CT3 ±3000K LED Color Temp

CT35 ±3500K LED Color Temp

CT4 ±4000K LED Color Temp

CT5 ±5000K LED Color Temp

COLOR RENDERING INDEX (CRI)

80CRI 80 Color Rendering Index (STANDARD)

90CRI 90 Color Rendering Index (Not Available for 5K)

VOLTAGE

347 347 Volt

UNV 120–277 Universal Volt Electronic Driver

STANDARD FINISH

BK Black

BZ Bronze

PA Painted Aluminum

WHT Textured White - STANDARD

PREMIUM UPCHARGE FINISH

CC Custom Color (Visit www.ralcolor.com)

– Provide RAL# or Make-to-Match Color Chip

+AMW Anti-Microbial White

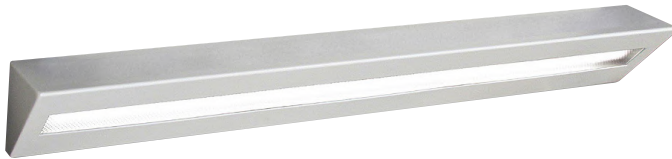
+NAT Epoxy Coating for Natatorium

Additional Options on PAGE 2

LEDGE DIRECT / INDIRECT MODELS

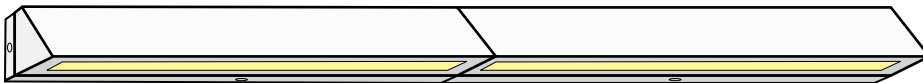


Ledge 48" Direct / Indirect Style (DI)
Downlight and Uplight



Ledge 48" Downward / Forward Style (DF)
Angled Downward Throw Light

TANDEM OPTION



Tandem Mounting Option (TDM)
Requires Conduit Adapter Back Box (CA)

PHOTOCELL OPTIONS

PHTD Photocell Button (120/277V)
– Requires Conduit Back Box (CA)

CONTROL OPTIONS (Choose from Manual or Sensor)

MANUAL CONTROL (Wall Switch or Control System)

Note: Cannot be used with Sensor Controls Below
Note: 0-10V (100-30%) Dimming is Standard

0-10D1 0-10VDC LED Dimming Driver (100-10%)

0-10D2 0-10VDC LED Dimming Driver (100-1%)

BLS Bi-Level Switching (Includes Two Drivers)
– Requires Conduit Adapter Back Box (CA)

OR

SENSOR CONTROL (Sensor Integral to Fixture)

Note: Cannot be used with Manual Controls Above
Note: Motion Sensor Max Mounting Height 18-Feet

OCC Occupancy Sensing / Motion Sensor Integral
– Microwave / Single Feed / 120/277 Only
– Stand-by Dimming Level Presets: ON/OFF
– Requires Conduit Adapter Back Box (CA)

BLD Bi-Level Dimming - Motion Sensor Integral
– Microwave / Single Feed / 120/277 Only
– Stand-by Dimming Level Presets:
10% / 20% / 30% / 50%
– Requires Conduit Adapter Back Box (CA)

BLDA Bi-Level Dimming I Motion Sensor Integral
– Ambient Light Sensing Feature (AMB)
– Microwave / Single Feed / 120/277 Only
– Stand-by Dim Level Presets:
10% / 20% / 30% (Standard) / 50%
– Requires Conduit Adapter Back Box (CA)
– Requires Photocell Option (PHTD)

CONDUIT ADAPTER BACKBOX OPTIONS

For Surface Conduit or Emergency Battery

Note: Adding Back Box Disqualifies ADA Compliance

CA1 14" X 1.75" Back Box

CA2 24" X 1.75" Back Box

CA3 36" X 1.75" Back Box

CA4 48" X 1.75" Back Box

MISC OPTIONS

FUS Single Fusing

PS On/Off Push Switch (120V Only)

EMERGENCY BATTERY OPTIONS

- Emergency Battery Options Meet California Energy Commission Title 20 [CEC-400-2014-009-CMF] Efficiency Standards (Cold Weather is NON-CEC)
- Cold Weather Emergency Batteries Temp Range: -20°C thru 50°C

EM8W Integral 8 Watt LED
– Requires Conduit Adapter Back Box (CA)

EM10W Integral 10 Watt LED
– Requires Conduit Adapter Back Box (CA)

EM16W Integral 16 Watt LED
– Requires Conduit Adapter Back Box (CA)

EM10W- Integral 10 Watt LED - Cold Weather
CW – Requires Conduit Adapter Back Box (CA)

REM8W Remote 8 Watt LED

REM10W Remote 10 Watt LED

REM16W Remote 16 Watt LED

REM10W- Remote 10 Watt LED - Cold Weather
CW

ACCESSORY OPTIONS

Order As A Separate Line

TPD Tamperproof Screwdriver

LED WATTAGE / LUMEN DATA CHARTS

LED Watts vs. LED Color Temp — Lumen Output				
Color Temperature	3000K (3K)	3500K (35K)	4000K (4K)	5000K (5K)
15 Watt	2298 Lumens	2333 Lumens	2381 Lumens	2452 Lumens
20 Watt	3461 Lumens	3503 Lumens	3578 Lumens	3685 Lumens
30 Watt	4607 Lumens	4677 Lumens	4776 Lumens	4919 Lumens
40 Watt	5722 Lumens	5793 Lumens	5917 Lumens	6099 Lumens

NOTE: Lumen Output listed is estimated based upon delivered lumens at 25°C. See Lumen Ambient Temperature Multipliers Table to determine lumen output for other ambient temps.

Projected LED Lumen Maintenance	
Operating Hours	Lumen Maintenance Factor
0 Hrs	1.0
25,000 Hrs	0.97
50,000 Hrs	0.95
100,000 Hrs	0.90

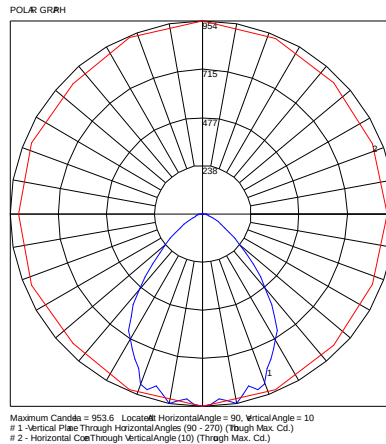
Lumen Ambient Temperature (LAT) Multipliers	
Ambient Temperature	Lumen Multiplier
0°C / 32°F	1.05
10°C / 50°F	1.03
20°C / 68°F	1.01
25°C / 77°F	1.00
30°C / 86°F	0.99
40°C / 104°F	0.96

NOTE: Use these multipliers to determine relative lumen output for average ambient temps for 0-40°C (32-104°F).

PHOTOMETRIC DATA

Summary of Results LDG-D-PGC-24-LED20-CT4-80CRI-UNV-D7					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
1939.2 Lumens	95.2 Lm/W	20.37W	4098K	Type II	B1-U0-G0

LCS Summary	
Zone	Lumens
Forward Low (0-30)	360.5
Forward Medium (30-60)	497.4
Forward High (60-80)	67.9
Forward Very High (80-90)	6.6
Back Low (0-30)	363.7
Back Medium (30-60)	506.2
Back High (60-80)	73.2
Back Very High (80-90)	7.2
Up Low (90-100)	0.0
Up High (100-180)	0.0



Summary of Results LDG-D-PGC-48-LED40-CT4-80CRI-UNV-D7					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
3757.4 Lumens	96.2 Lm/W	39.06W	4054K	Type VS	B2-U0-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	675.6
Forward Medium (30-60)	1050.6
Forward High (60-80)	152.2
Forward Very High (80-90)	14.0
Back Low (0-30)	668.6
Back Medium (30-60)	1033.6
Back High (60-80)	150.5
Back Very High (80-90)	13.8
Up Low (90-100)	0.0
Up High (100-180)	0.0

