

# DLE

## Intelligent LED High-Bay Luminaire

Date: \_\_\_\_\_

Quantity: \_\_\_\_\_

Company: \_\_\_\_\_

Project: \_\_\_\_\_



The **DLE** luminaire family from Digital Lumens offers superior efficiency, control, and flexibility in the most demanding environments.

The DLE intelligent LED high-bay luminaire is a high-performance solution and is a perfect replacement for uncontrolled LED, fluorescent, and HID high-bay luminaires.

### SiteWorx Application

- SiteWorx Tune



### Key Features & Benefits

- Light output from 12,521 to 54,830 lumens and efficacy up to 156 lumens per watt
- Narrow, Wide, Aisle, and Diffuse optic options
- Rotatable light bars and direct / indirect lighting distribution options for uniform lighting across both ceilings and workspaces
- Compatible with Digital Lumens' Emergency Management System via Battery Backup, for emergency lighting capability and automated life-safety testing and reporting
- Used with SiteWorx Tune to optimize your lighting and reduce energy use

## Specifications

### SENSING AND CONTROL

#### Onboard Intelligence

- Built-in sensing with data logging
- Energy and fault monitoring
- Protective temperature monitoring and control

#### Native Sensing

- Integrated PIR occupancy sensor
- Integrated daylight sensor

#### Wireless Networking

- IEEE 802.15.4 Wireless Mesh

#### Control Capabilities

- On-demand adjustments via mobile and web applications
- kWh and occupancy logging
- Daylight harvesting

#### Dimming

- 0% to 100% , continuous
- PAR1789-compliant with modulation > 1.25 kHz

### PERFORMANCE

#### Unified Glare Rating<sup>1</sup>

- 20

#### Power Factor

- 0.9 minimum

#### Surge Protection

- Per IEC 61547
- 1 kV line-line, 2 kV line-earth

#### Wiring

- WAGO Winsta® modular socket
- Direct wiring with 13 mm (0.5 inches) trade-size knockout

### ENVIRONMENTAL

#### Operating Temperature

- Luminaire  
-30° to 50°C (-22° to 122°F)
- Luminaire with BBD43 battery backup  
0° to 30°C (32° to 86°F) — CE

#### Maximum Storage Temperature

- 50°C (122°F)

#### Operating Humidity

- 0% to 95%, non-condensing

#### Photobiological Safety

- Exempt group per IEC 62471

### PHYSICAL

#### Luminaire Frame and Hardware

- PC / ABS polymer and anodized aluminum
- Optical grade PC option (diffuse optic)

#### Optic Material

- Optical grade PMMA
- Optical grade PC option (diffuse optic)

#### Optic Options

- Narrow, Wide, Aisle, or Diffuse

#### Mounting Options

- Aircraft Cable or Fixed Mount

### WARRANTY

- 10-Year Limited

### CERTIFICATIONS & SAFETY

#### Approbation

- UL/cUL, UL-NOM (Standard Voltage Only), CE, PSE (Standard Voltage Only), FCC Part 15 Class B, RoHS, ST COA, TISI, SII, CISPR 15, Design Lights Consortium (DLC) Premium

#### Environmental Suitability<sup>2</sup>

- IP52



# DLE-12 ST/HV<sup>3</sup>

## Specifications

### PERFORMANCE

**Color Temperature<sup>4</sup>**  
5,000 K

**Color Temperature<sup>4</sup>**  
4,000 K

### Lumen Output (nominal)

- 14,042 lm

### Lumen Output (nominal)<sup>7</sup>

- 12,357 lm

### Power Consumption (nominal)

- 105 W

### Power Consumption (nominal)

- 105 W

### Efficacy<sup>5</sup>

- 133 lm/W

### Efficacy<sup>5</sup>

- 118 lm/W

### CRI

- 70 minimum, 72 typical

### CRI

- 80 minimum, 82 typical

### Input Voltage<sup>6</sup>

- 100 to 277 VAC, 50/60 Hz (ST)
- 347 to 480 VAC, 50/60 Hz (HV)

### Input Voltage<sup>6</sup>

- 100 to 277 VAC, 50/60 Hz (ST)
- 347 to 480 VAC, 50/60 Hz (HV)

## PHYSICAL

### Dimensions (H x W x D)

- Luminaire  
89 x 343 x 559 mm (3.5 x 13.5 x 22 inches)
- Luminaire & BBD43  
89 x 343 x 595 mm (3.5 x 13.5 x 23.4 inches)

### Weight

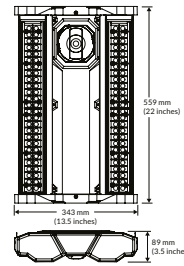
- Luminaire — 4.3 kg (9.5 lbs)
- Luminaire & BBD43 — 5.2 kg (11.5 lbs)

### LUMEN MAINTENANCE & DRIVER LIFETIME<sup>7,8</sup>

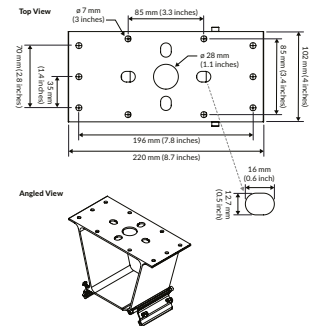
	25°C	50°C
<b>L<sub>90</sub> (12k)</b>	> 300,000	> 300,000
<b>L<sub>80</sub> (12k)</b>	> 300,000	> 300,000
<b>L<sub>70</sub> (12k)</b>	> 300,000	> 300,000
<b>Driver Lifetime</b>	120,000	60,000

## Dimensions

### Luminaire



### Fixed Mount Bracket



## Illuminance at Distance

Narrow Optic (0°, 0°)			Wide Optic (0°, 0°)		
Center Beam fc	Beam Spread		Center Beam fc	Beam Spread	
3 m (10 ft)	241	1.8 m (6 ft) / 1.8 m (6 ft)	64	5.2 m (17 ft) / 5.2 m (17 ft)	5.2 m (17 ft)
6.1 m (20 ft)	60	3.6 m (12 ft) / 3.6 m (12 ft)	16	10 m (33 ft) / 10.4 m (34 ft)	10.4 m (34 ft)
9.1 m (30 ft)	27	5.5 m (18 ft) / 5.5 m (18 ft)	7	15.2 m (50 ft) / 15.5 m (51 ft)	15.5 m (51 ft)
12.2 m (40 ft)	15	7.3 m (24 ft) / 7.6 m (25 ft)	4	20.4 m (67 ft) / 21 m (69 ft)	21 m (69 ft)
15.2 m (50 ft)	10	9.1 m (30 ft) / 9.4 m (31 ft)	3	25.6 m (84 ft) / 26.2 m (86 ft)	26.2 m (86 ft)

Diffuse Optic (0°, 0°)			Aisle Optic (0°, 0°)		
Center Beam fc	Beam Spread		Center Beam fc	Beam Spread	
3 m (10 ft)	38	11.6 m (38 ft) / 9 m (29 ft)	174	2.7 m (9 ft) / 1.2 m (4 ft)	1.2 m (4 ft)
6.1 m (20 ft)	9	23 m (75 ft) / 17.4 m (57 ft)	44	5.2 m (17 ft) / 2.1 m (7 ft)	2.1 m (7 ft)
9.1 m (30 ft)	4	34.4 m (113 ft) / 26.2 m (86 ft)	19	8 m (26 ft) / 3 m (10 ft)	3 m (10 ft)
12.2 m (40 ft)	3	46.6 m (150 ft) / 35 m (115 ft)	11	10.7 m (35 ft) / 4.3 m (14 ft)	4.3 m (14 ft)
15.2 m (50 ft)	2	57.3 m (188 ft) / 44 m (144 ft)	7	13.4 m (44 ft) / 5.2 m (17 ft)	5.2 m (17 ft)

## SPACING CRITERIA

Optic Type	Fixed / Adjustable
Narrow	0.50 / 1.40
Wide	1.32 / 1.32
Diffuse	1.24 / 1.28
Aisle	0.72 / 2.32

# DLE-18 ST/HV<sup>3</sup>

## Specifications

### PERFORMANCE

**Color Temperature<sup>4</sup>**  
5,000 K

**Color Temperature<sup>4</sup>**  
4,000 K

### Lumen Output (nominal)

- 20,790 lm

### Lumen Output (nominal)<sup>7</sup>

- 18,295 lm

### Power Consumption (nominal)

- 155 W

### Power Consumption (nominal)

- 155 W

### Efficacy<sup>5</sup>

- 134 lm/W

### Efficacy<sup>5</sup>

- 118 lm/W

### CRI

- 70 minimum, 72 typical

### CRI

- 80 minimum, 82 typical

### Input Voltage<sup>6</sup>

- 100 to 277 VAC, 50/60 Hz (ST)
- 347 to 480 VAC, 50/60 Hz (HV)

### Input Voltage<sup>6</sup>

- 100 to 277 VAC, 50/60 Hz (ST)
- 347 to 480 VAC, 50/60 Hz (HV)

## PHYSICAL

### Dimensions (H x W x D)

- Luminaire  
89 x 470 x 559 mm (3.5 x 18.5 x 22 inches)
- Luminaire & BBD43  
89 x 470 x 595 mm (3.5 x 18.5 x 23.4 inches)

### Weight

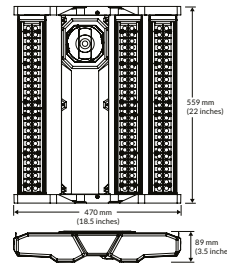
- Luminaire — 5.4 kg (12 lbs)
- Luminaire & BBD43 — 6.3 kg (13.9 lbs)

## LUMEN MAINTENANCE & DRIVER LIFETIME<sup>7,8</sup>

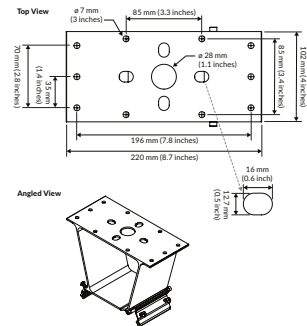
	25°C	50°C
<b>L<sub>90</sub> (12k)</b>	> 300,000	> 300,000
<b>L<sub>80</sub> (12k)</b>	> 300,000	> 300,000
<b>L<sub>70</sub> (12k)</b>	> 300,000	> 300,000
<b>Driver Lifetime</b>	120,000	39,000

## Dimensions

### Luminaire



### Fixed Mount Bracket



## Illuminance at Distance

Narrow Optic (0°, 0°, 0°)			Wide Optic (0°, 0°, 0°)		
Center Beam fc	Beam Spread		Center Beam fc	Beam Spread	
3 m (10 ft)	378	1.8 m (6 ft) 1.8 m (6 ft)	96	6 m (19 ft) 4.6 m (15 ft)	
6.1 m (20 ft)	92	3.6 m (12 ft) 3.6 m (12 ft)	24	11.3 m (37 ft) 9.4 m (31 ft)	
9.1 m (30 ft)	41	5.5 m (18 ft) 5.5 m (18 ft)	11	17.1 m (56 ft) 14 m (46 ft)	
12.2 m (40 ft)	23	7.3 m (24 ft) 7.6 m (25 ft)	6	23 m (75 ft) 18.6 m (61 ft)	
15.2 m (50 ft)	15	9.1 m (30 ft) 9.4 m (31 ft)	4	28.3 m (93 ft) 23.5 m (77 ft)	

Diffuse Optic (0°, 0°, 0°)			Aisle Optic (0°, 0°, 0°)		
Center Beam fc	Beam Spread		Center Beam fc	Beam Spread	
3 m (10 ft)	58	11.6 m (38 ft) 8.5 m (28 ft)	264	2.7 m (9 ft) 1 m (3 ft)	
6.1 m (20 ft)	15	23.2 m (76 ft) 17.7 m (58 ft)	66	5.5 m (18 ft) 2.1 m (7 ft)	
9.1 m (30 ft)	7	35 m (115 ft) 26.2 m (86 ft)	29	8 m (26 ft) 3 m (10 ft)	
12.2 m (40 ft)	4	46.6 m (153 ft) 35 m (115 ft)	17	10.7 m (35 ft) 4.3 m (14 ft)	
15.2 m (50 ft)	2	58.2 m (191 ft) 44 m (144 ft)	11	13.4 m (44 ft) 5.2 m (17 ft)	

## SPACING CRITERIA

Optic Type	Fixed / Adjustable
Narrow	0.48 / 1.02
Wide	1.30 / 1.32
Diffuse	1.24 / 1.30
Aisle	0.42 / 1.48

# DLE-24 ST/HV<sup>3</sup>

## Specifications

### PERFORMANCE

**Color Temperature<sup>4</sup>**  
5,000 K

**Color Temperature<sup>4</sup>**  
4,000 K

### Lumen Output (nominal)

- 27,415 lm

### Lumen Output (nominal)<sup>7</sup>

- 24,125 lm

### Power Consumption (nominal)

- 208 W

### Power Consumption (nominal)

- 208 W

### Efficacy<sup>5</sup>

- 132 lm/W

### Efficacy<sup>5</sup>

- 116 lm/W

### CRI

- 70 minimum, 72 typical

### CRI

- 80 minimum, 82 typical

### Input Voltage<sup>6</sup>

- 100 to 277 VAC, 50/60 Hz (ST)
- 347 to 480 VAC, 50/60 Hz (HV)

### Input Voltage<sup>6</sup>

- 100 to 277 VAC, 50/60 Hz (ST)
- 347 to 480 VAC, 50/60 Hz (HV)

## PHYSICAL

### Dimensions (H x W x D)

- Luminaire  
89 x 541 x 559 mm (3.5 x 21.3 x 22 inches)
- Luminaire & BBD43  
89 x 541 x 595 mm (3.5 x 21.3 x 23.4 inches)

### Weight

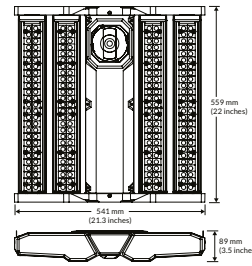
- Luminaire — 6.6 kg (14.6 lbs)
- Luminaire & BBD43 — 7.5 kg (16.5 lbs)

### LUMEN MAINTENANCE & DRIVER LIFETIME<sup>7,8</sup>

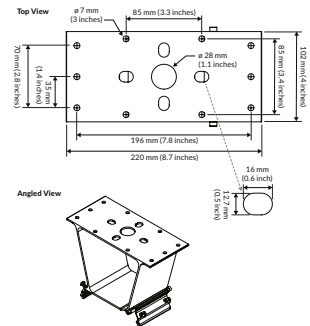
	25°C	50°C
<b>L<sub>90</sub> (12k)</b>	> 300,000	> 300,000
<b>L<sub>80</sub> (12k)</b>	> 300,000	> 300,000
<b>L<sub>70</sub> (12k)</b>	> 300,000	> 300,000
<b>Driver Lifetime</b>	120,000	34,000

## Dimensions

### Luminaire



### Fixed Mount Bracket



## Illuminance at Distance

Narrow Optic (0°, 0°, 0°)			Wide Optic (0°, 0°, 0°)		
Center Beam fc	Beam Spread		Center Beam fc	Beam Spread	
3 m (10 ft)	493	1.8 m (6 ft) 1.8 m (6 ft)	129	5 m (17 ft) 5.5 m (17 ft)	
6.1 m (20 ft)	123	3.6 m (12 ft) 3.6 m (12 ft)	32	10.4 m (34 ft) 10 m (33 ft)	
9.1 m (30 ft)	55	5.5 m (18 ft) 5.5 m (18 ft)	14	15.5 m (51 ft) 15.2 m (50 ft)	
12.2 m (40 ft)	31	7.3 m (24 ft) 7.6 m (25 ft)	8	21 m (69 ft) 20.1 m (66 ft)	
15.2 m (50 ft)	20	9.1 m (30 ft) 9.4 m (31 ft)	5	26.2 m (86 ft) 25.3 m (83 ft)	

Diffuse Optic (0°, 0°, 0°)			Aisle Optic (0°, 0°, 0°)		
Center Beam fc	Beam Spread		Center Beam fc	Beam Spread	
3 m (10 ft)	76	11.6 m (38 ft) 8.8 m (29 ft)	353	2.7 m (9 ft) 1 m (3 ft)	
6.1 m (20 ft)	19	23.2 m (76 ft) 17.4 m (57 ft)	88	5.5 m (18 ft) 2.1 m (7 ft)	
9.1 m (30 ft)	8	34.4 m (113 ft) 26.2 m (86 ft)	39	8 m (26 ft) 3 m (10 ft)	
12.2 m (40 ft)	5	46 m (151 ft) 35 m (115 ft)	22	10.7 m (35 ft) 4.3 m (14 ft)	
15.2 m (50 ft)	3	57.6 m (189 ft) 43.6 m (143 ft)	14	13.4 m (44 ft) 5.2 m (17 ft)	

## SPACING CRITERIA

### Optic Type

Narrow  
Wide  
Diffuse  
Aisle

### Fixed / Adjustable

0.56 / 2.22  
1.32 / 1.30  
1.24 / 1.28  
0.44 / 1.72

# DLE-48 ST/HV<sup>3</sup>

## Specifications

### PERFORMANCE

**Color Temperature<sup>4</sup>**  
5,000 K

### Lumen Output (nominal)

- 54,830 lm

### Power Consumption (nominal)

- 415 W

### Efficacy<sup>5</sup>

- 132 lm/W (ST)

### CRI

- 70 minimum, 72 typical

### Input Voltage<sup>6</sup>

- 100 to 277 VAC, 50/60 Hz (ST)
- 347 to 480 VAC, 50/60 Hz (HV)

### PHYSICAL

#### Dimensions (H x W x D)

- Luminaire  
89 x 541 x 1,042 mm (3.5 x 21.3 x 41 inches)
- Luminaire & BBD43  
89 x 541 x 1,127 mm (3.5 x 21.3 x 44.4 inches)

#### Weight

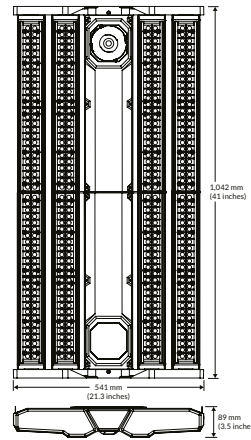
- Luminaire — 13 kg (28.7 lbs)
- Luminaire & BBD43 — 14.8 kg (32.6 lbs)

### LUMEN MAINTENANCE & DRIVER LIFETIME<sup>7, 8</sup>

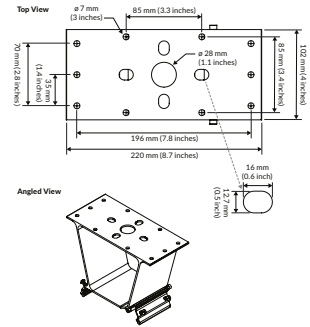
	25°C	50°C
<b>L<sub>90</sub> (12k)</b>	> 300,000	> 300,000
<b>L<sub>80</sub> (12k)</b>	> 300,000	> 300,000
<b>L<sub>70</sub> (12k)</b>	> 300,000	> 300,000
<b>Driver Lifetime</b>	120,000	38,000

## Dimensions

### Luminaire



### Fixed Mount Bracket



## Illuminance at Distance

Distance	Narrow Optic (0°, 0°, 0°)			Wide Optic (0°, 0°, 0°)		
	Center Beam fc	Beam Spread		Center Beam fc	Beam Spread	
3 m (10 ft)	973	1.8 m (6 ft)	1.8 m (6 ft)	263	5 m (16 ft)	5.5 m (18 ft)
6.1 m (20 ft)	243	3.6 m (12 ft)	3.6 m (12 ft)	66	9.7 m (32 ft)	11 m (36 ft)
9.1 m (30 ft)	108	5.5 m (18 ft)	5.8 m (19 ft)	29	14.6 m (48 ft)	16.4 m (54 ft)
12.2 m (40 ft)	61	7.3 m (24 ft)	7.6 m (25 ft)	16	20 m (65 ft)	22.2 m (73 ft)
15.2 m (50 ft)	39	9.1 m (30 ft)	9.4 m (31 ft)	11	25 m (81 ft)	28 m (91 ft)

Horizontal      Vertical

Distance	Diffuse Optic (0°, 0°, 0°)		
	Center Beam fc	Beam Spread	
3 m (10 ft)	153	11.6 m (38 ft)	8.8 m (29 ft)
6.1 m (20 ft)	38	23 m (75 ft)	17.4 m (57 ft)
9.1 m (30 ft)	17	34.4 m (113 ft)	26.2 m (86 ft)
12.2 m (40 ft)	10	46 m (151 ft)	35 m (115 ft)
15.2 m (50 ft)	6	57.3 m (188 ft)	44 m (144 ft)

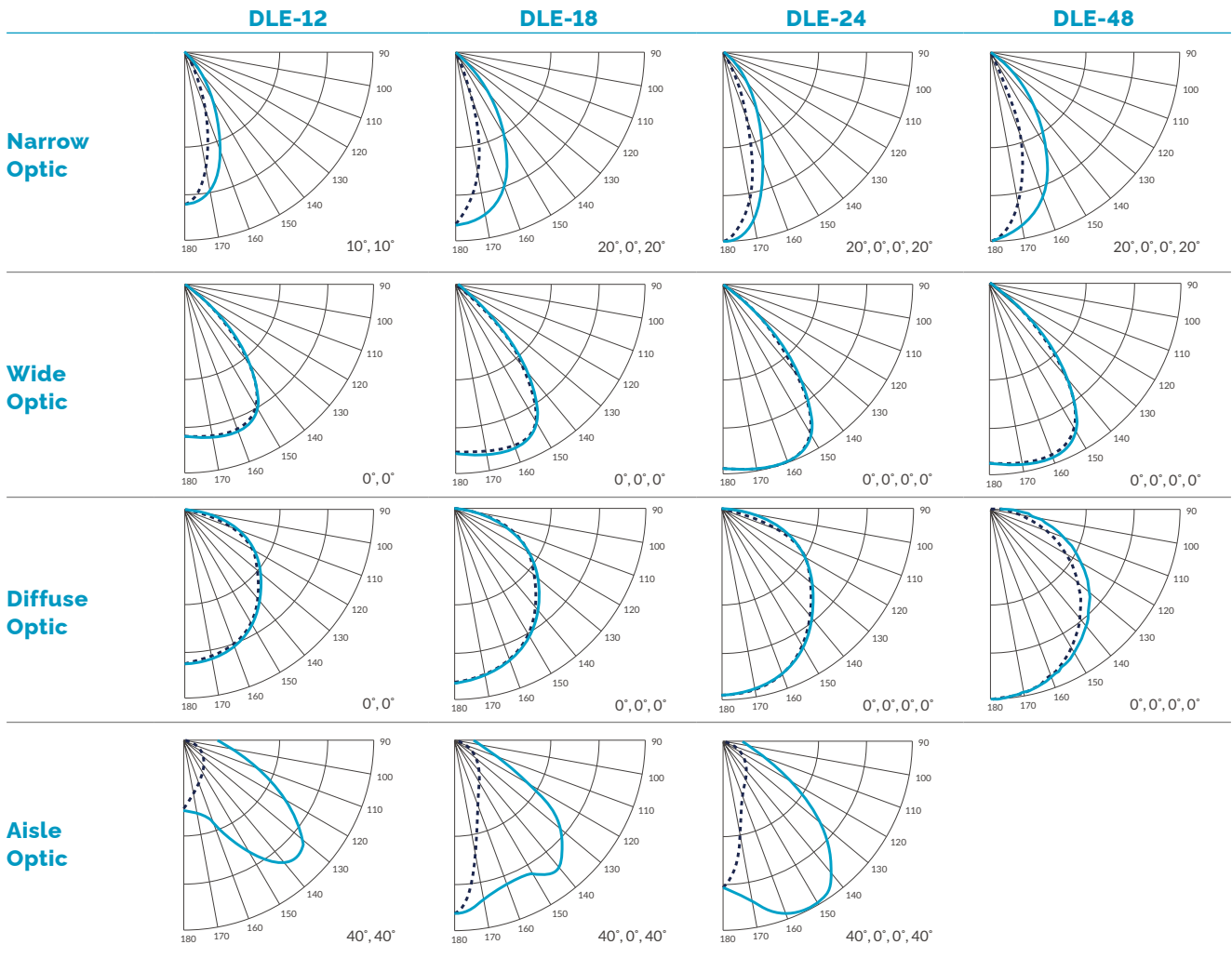
Horizontal      Vertical

### SPACING CRITERIA

Optic Type	Fixed / Adjustable
Narrow	0.52 / 0.80
Wide	1.32 / 1.32
Diffuse	1.24 / 1.30

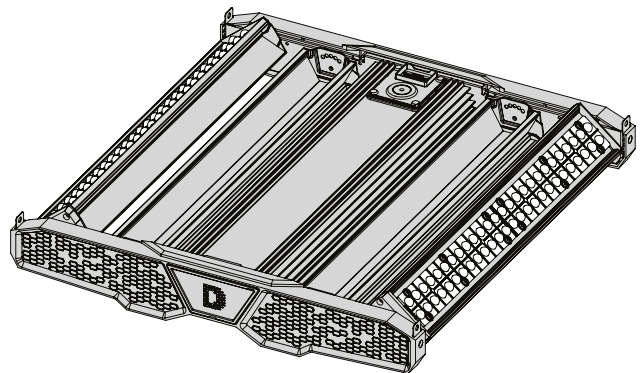
# Polar Candela Distribution

Fixed Axis ----- Adjustable Axis —————



## DLE Uplighting

- Improve aesthetics, visual comfort, and safety by reducing glare and ceiling/floor contrast.
- Independently aimable light bars rotate between 0° and 180°.
- Available for DLE-24 and DLE-48 luminaires only.



## Ordering Information

The table below provides guidelines for encoding item numbers when ordering DLE luminaires. Select a luminaire type (lumen output), voltage, optic, and CRI/CCT, and then use the hyphenated character codes to build a part number.

Note: For short/standard lead times, select options in **bold**.

Luminaire	Voltage	Optic	CRI/CCT
<b>DLE-12</b>		<b>-N</b> Narrow	<b>-753</b> 70 CRI / 72 TYP 5,000 K BBD43 Compatible
		<b>-D<sup>9</sup></b> Diffuse	<b>-843</b> 80 CRI / 82 TYP 4,000 K BBD43 Compatible
<b>DLE-18</b>		<b>-A</b> Aisle	<b>-754</b> 70 CRI / 72 TYP 5,000 K BBD43 Compatible, Uplight Compatible
		<b>-W</b> Wide	<b>-844</b> 80 CRI / 82 TYP 4,000 K BBD43 Compatible, Uplight Compatible
<b>DLE-24</b>	<b>-ST</b> Standard Voltage, 100 to 277 VAC		
	<b>-HV</b> High Voltage, 347 to 480 VAC		
<b>DLE-48</b>		<b>-N</b> Narrow	<b>-754</b> 70 CRI / 72 TYP 5,000 K BBD43 Compatible, Uplight Compatible
		<b>-D<sup>9</sup></b> Diffuse	
		<b>-W</b> Wide	

## Accessories

Part Number	Description
<b>DHHRM</b>	Fixed mount hanging hardware, (2X required for DLE-48 Luminaires)
<b>DHHAS</b>	Aircraft cable hanging hardware, compatible with RLE and DLE luminaires (Qty 10, for 5 luminaires)
<b>DHHSO</b>	DLE Hanging Hardware Standoff, 100-pack
<b>DLEDK</b>	DLE Tabletop Demo Kit with Hard Case (Luminaire not included)
<b>DLESM<sup>10</sup></b>	PIR Sensor Mask, 10-pack



# Power Cords

## North America

Without plugs

Part Number	Description
<b>DWUL1</b>	3 m (10 ft) whip, 300 V rated cable (UL, cUL) SJOOW
<b>DWUL2</b>	6.1 m (20 ft) whip, 300 V rated cable (UL, cUL) SJOOW
<b>DWUH1</b>	3 m (10 ft) whip, 600 V rated cable (UL, cUL) SJOOW
<b>DWUH2</b>	6.1 m (20 ft) whip, 600 V rated cable (UL, cUL) SJOOW
<b>DWNM1</b>	3 m (10 ft) whip, 300 V rated cable (UL-NOM) SJOOW
<b>DWNM2</b>	6.1 m (20 ft) whip, 300 V rated cable (UL-NOM) SJOOW

With plugs

Part Number	Description
	01 NEMA L5-15 125 V
DCNA10- 3 m (10 ft)	02 NEMA L5-20 125 V
	03 NEMA L6-15 250 V
	04 NEMA L6-20 250 V
or	05 NEMA L7-15 277 V
DCNA20- 6.1 m (20 ft)	06 NEMA L7-20 277 V
	07 NEMA L8-20 480 V
	08 NEMA L24-20 347 V

## Europe/Internationals

Without plugs

Part Number	Description
DWCE1	3 m (10 ft) whip (CE) SJOOW
DWCE2	6.1 m (20 ft) whip (CE) SJOOW

With plugs

Part Number	Description
DCCE320	3 m (10 ft), (Schneider Electric Canalis KBC16DCF21 (CE); (220-240 V)
DCCE620	6.1 m (20 ft), (Schneider Electric Canalis KBC16DCF21 (CE); (220-240 V)

Footnotes:

- <sup>1</sup> Calculated in nominal application environment.
- <sup>2</sup> Clean with mild soap and water only. Maintain 3 m (10 ft) setback from walls open to exterior.
- <sup>3</sup> High-Voltage luminaires (HV) available in North America only.
- <sup>4</sup> Nominal CCT, as defined by ANSI C78.377-2008.
- <sup>5</sup> Efficacy values vary with optic option. See DLC QPL for variant details.
- <sup>6</sup> Input ratings may vary for international certifications.
- <sup>7</sup> LEDs are driven below current rated current limit to enhance efficiency and increase lifetime of the LEDs. Drivers are tested at ambient (25°C), 100% continuous duty. Driver design target is always minimum > 50,000 hours at 25°C.
- <sup>8</sup> LM-79, LM-80 tests and reports are performed in accordance to IESNA standards, per TM-21. Lumen maintenance calculated in hours (L70 via TM-21) based on continuous operation.
- <sup>9</sup> Note that daylight harvesting feature is not operable by a luminaire with Diffuse optics.
- <sup>10</sup> Luminaires with Wide or Diffuse optics, as well as all DLE-48 luminaires ship without sensor masks.
- <sup>11</sup> Requires BBD43-compatible luminaires. DLE-48 requires two (2x) BBD43 units per luminaire. Refer to page 8 for additional details.

# BBD43—Battery Backup

## Specifications

### PERFORMANCE

#### Input Voltage

- 42 VDC, 150 mA

#### Output Voltage

- 42 VDC, 500 mA

### ENVIRONMENTAL

#### Runtime

- 90 minutes — UL
- 180 minutes — CE

#### Operating Temperature

- 0° to 50°C (32° to 122°F)

### PHYSICAL

#### Battery Type

- NiMH

### Dimensions

- 83 x 298 x 73 mm (3.5 x 11.7 x 2.9 inches)

### Weight

- 0.9 kg (2 lbs)

### WARRANTY

- 5-Year Limited

### CERTIFICATIONS & SAFETY

#### Approbation

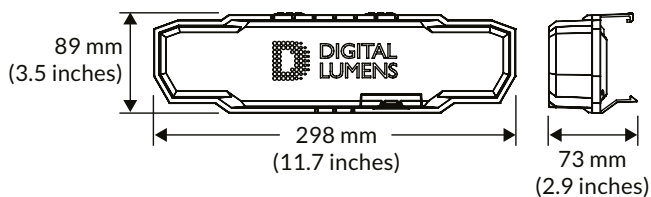
- UL/cUL, UL-NOM, CE

#### Environmental Suitability

- IP52



## Dimensions



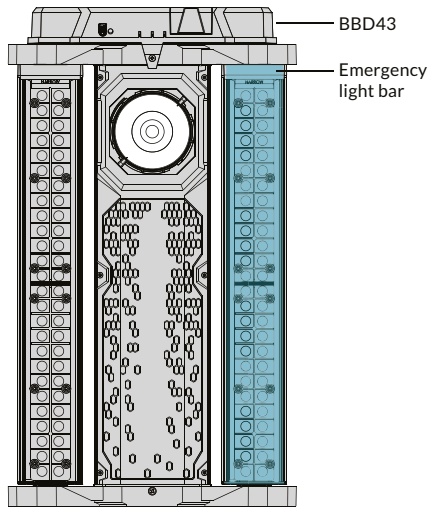
## Ordering Information

- Available to order for DLE luminaires that are BBD43-compliant.
- DLE-48 luminaires require (2x) BBD43 units per luminaire.

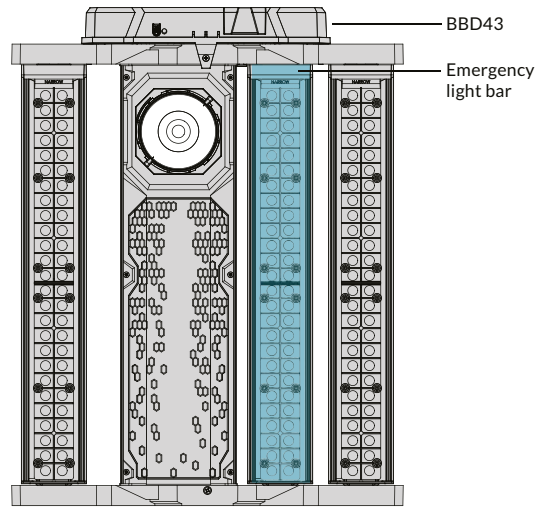
## Battery Backups

Part Number	Description
BBD43UL <sup>11</sup>	Battery Backup — UL
BBD43CE <sup>11</sup>	Battery Backup — CE

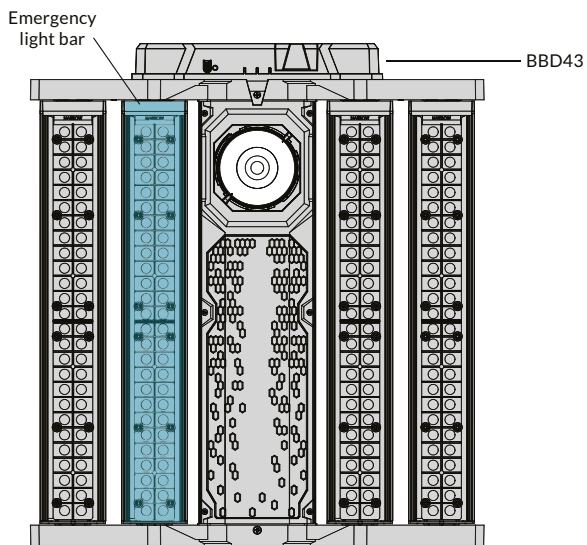
## DLE-12



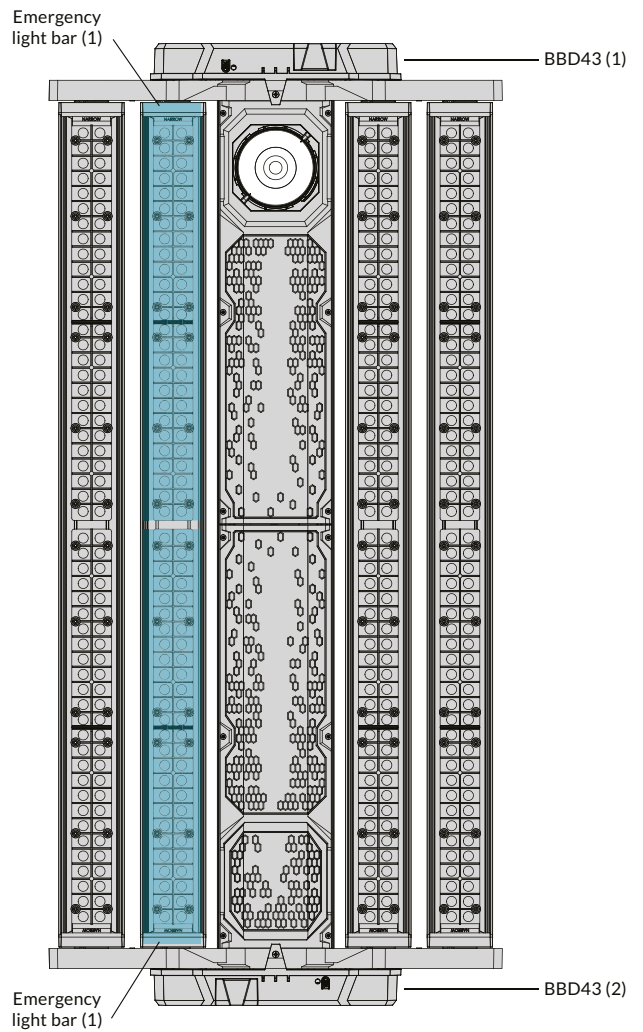
## DLE-18



## DLE-24



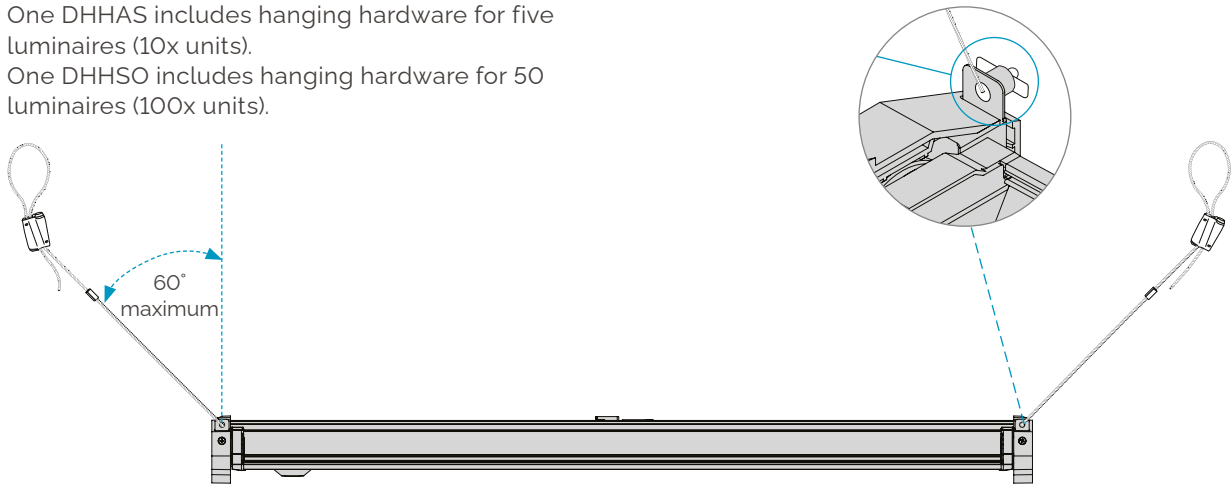
## DLE-48



# Hanging Hardware

## Standard Aircraft Cable Ordering Information

- Available to order for DLE-12, DLE-18, DLE-24, and DLE-48 luminaires.
- One DHHAS includes hanging hardware for five luminaires (10x units).
- One DHHSO includes hanging hardware for 50 luminaires (100x units).



## Fixed Mount Ordering Information

- One DHHRM includes five (5x) units of hanging hardware.

