

Intelligent Light. Everywhere.



Lights. Intelligence. Insight.

Now you can have intelligent light – where you need it, when you need it, and perfectly optimized to maximize efficiency in any environment.

Choose from our portfolio of intelligent high bay and linear LED fixtures, or add intelligence to your existing fixtures. Instantly transform your facility with reduced energy expenses, increased productivity, and enterprise-wide operational visibility.



Occupancy Sensing



Precise Control



Scheduling/
Profiles



Daylight Sensing



Dimming/
Task Tuning



Reports



Intelligent Light. Anywhere.

Digital Lumens is bringing intelligent lighting to all types of commercial, retail, industrial, and sporting environments with maximum efficiency, visibility, and control.

With this fully integrated system, Digital Lumens' customers maximize lighting efficiency, accelerate payback, and gain easy access to detailed metrics on lighting and key building performance indicators – in individual facilities or across the enterprise. Wireless networks of smart, sensor-rich LED fixtures with LightRules® software provide a foundation for energy efficiency and so much more.

WAREHOUSE

MANUFACTURING

CHEMICAL/
HAZARDOUS

COLD
STORAGE

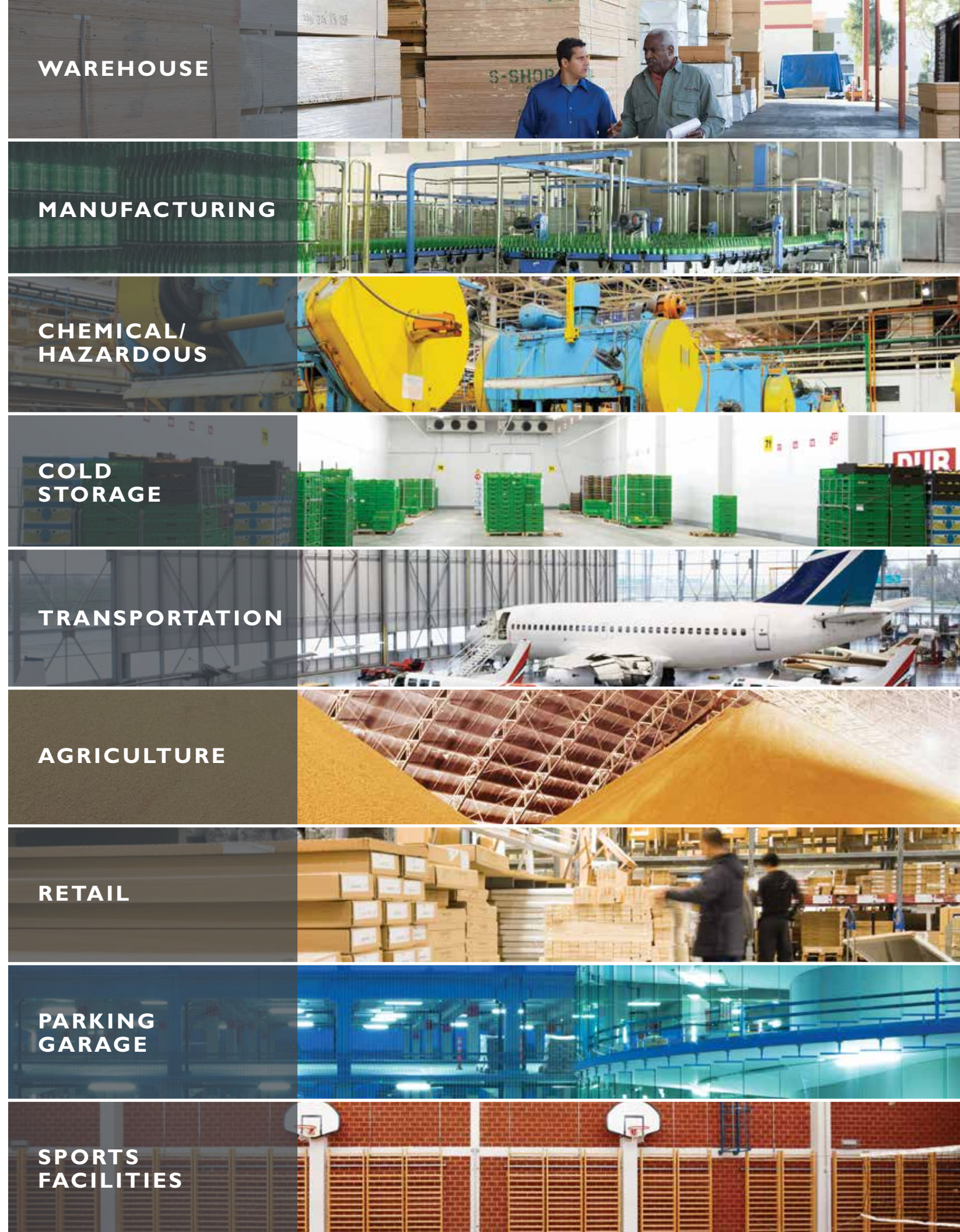
TRANSPORTATION

AGRICULTURE

RETAIL

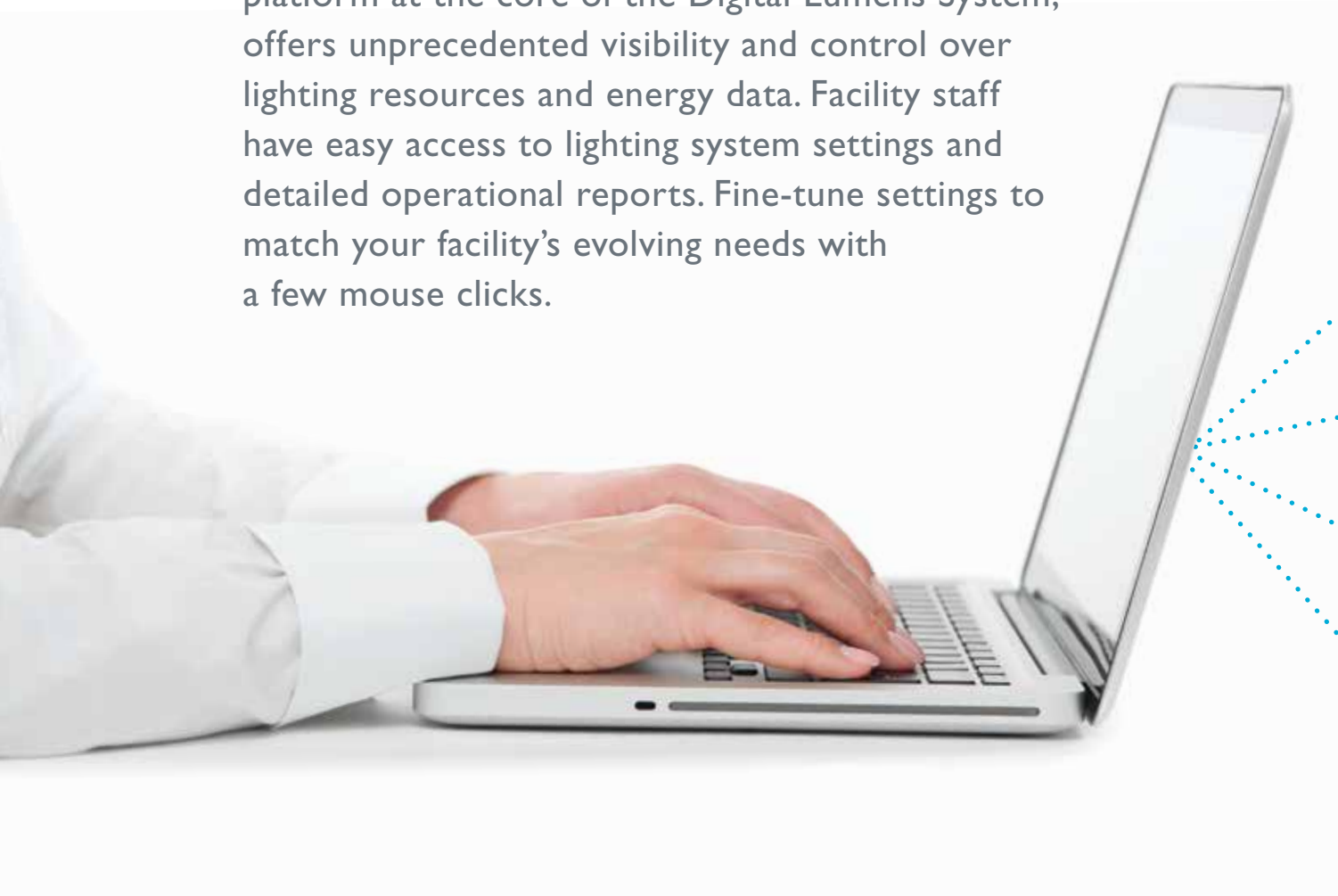
PARKING
GARAGE

SPORTS
FACILITIES



LightRules® Lighting and Energy Management System. Control everything...

LightRules, the powerful energy and intelligence platform at the core of the Digital Lumens System, offers unprecedented visibility and control over lighting resources and energy data. Facility staff have easy access to lighting system settings and detailed operational reports. Fine-tune settings to match your facility's evolving needs with a few mouse clicks.



...from your laptop

Schedule



Flexible scheduling to manage lighting to match shift work, downtime, and holidays.

Report



Easily generate accurate energy use, cost, and occupancy reports.

Configure



Intuitive management of fixtures, light levels, and group settings.

Integrate



LightRules API exchanges data with building management systems or custom applications.

LightRules Power measures and monitors non-lighting energy loads.

LightRules Insight consolidates lighting and energy use data from multiple sites for enterprise-wide visibility.



Occupancy Sensing



Precise Control



Scheduling/Profiles



Daylight Sensing



Dimming/Task Tuning



Reports



Intelligent Fixtures. Anywhere.

With a broad portfolio of intelligent high bay and linear LED alternatives, Digital Lumens has a range of rugged, high-performance fixtures for commercial and industrial environments – both retrofits and new builds. Or make your existing fixtures part of an Intelligent Lighting System with Digital Light Agents.

Intelligent LED Models

DLEs

The cornerstone of the Digital Lumens high bay fixture portfolio, these high-performance alternatives to traditional HID and fluorescent high bay fixtures (HID, HPS, T5HO, and T8HO) are available in 12,000, 18,000, 24,000, and 48,000 lumen versions.



ILEs

An IP65-rated fixture designed for the most rugged installations, available in 13,000, 18,000, and 26,000 lumen output versions, and with a variety of optics alternatives (narrow, wide, and aisle) for different application types.



HLEs

For locations requiring Class I Div2, Class II Div2, and Class III fixtures, the HLE line brings Digital Lumens' intelligence, efficiency, and performance to facilities that have additional safety concerns.



LLEs

For both retrofits and new construction projects, intelligent LLEs are highly versatile, controllable, and efficient linear LED fixtures that feature Digital Lumens' signature intelligence.



DLAs

The Digital Light Agent (DLA) product family, stand-alone lighting control solutions, allow any interior fixture to be a LightRules-ready member of an Intelligent Lighting System.



DLE Intelligent High Bay LED Fixtures

A high-performance replacement for HID, HPS, T5HO, and T8HO fixtures, the DLEs deliver high-quality light and maximum efficiency across a range of industrial environments.

- Available in 12,000, 18,000, 24,000, and 48,000 lumen output versions
- The most energy-efficient high bay alternative for a broad variety of industrial environments
- Integrated occupancy sensing provides light only when staff are in the area
- Integrated daylight harvesting automatically dims lumen output when ambient light is available
- Uplighting maximizes visual comfort in manufacturing, sporting, and retail applications with thousands of direct/indirect distribution options *
- Excellent light distribution in a variety of applications
- IP52 rated
- 10-year warranty on complete fixture
- Reported TM-21 lifetime of 103,000 hours (121,000 hours calculated)



DLE 12K DLE 18K *DLE 24K *DLE 48K

5000 Kelvin CCT:

Fixture Type	Item No.			
	Narrow	Wide	Aisle	Diffuse
DLE-12	DLE-12-ST-N-750	DLE-12-ST-W-750	DLE-12-ST-A-750	DLE-12-ST-D-750
DLE-18	DLE-18-ST-N-750	DLE-18-ST-W-750	DLE-18-ST-A-750	DLE-18-ST-D-750
DLE-24	DLE-24-ST-N-750	DLE-24-ST-W-750	DLE-24-ST-A-750	DLE-24-ST-D-750
DLE-48	DLE-48-ST-N-750	DLE-48-ST-W-750	–	DLE-48-ST-D-750

4000 Kelvin CCT:

Fixture Type	Item No.			
	Narrow	Wide	Aisle	Diffuse
DLE-12	DLE-12-ST-N-840	DLE-12-ST-W-840	DLE-12-ST-A-840	DLE-12-ST-D-840
DLE-18	DLE-18-ST-N-840	DLE-18-ST-W-840	DLE-18-ST-A-840	DLE-18-ST-D-840
DLE-24	DLE-24-ST-N-840	DLE-24-ST-W-840	DLE-24-ST-A-840	DLE-24-ST-D-840

(Refer to the fixture specification sheet for high voltage (HV) and uplighting item numbers.)

ILE Intelligent High Bay LED Fixtures

These rugged, LED fixtures are ideal in a broad range of facilities, featuring an exceptional temperature range and a watertight IP65 rating.

- Available in 13,000, 18,000, and 26,000 lumen output versions
- A high-performance intelligent LED fixture for a broad range of facilities, from low-temperature installations to wet locations, and more
- Integrated occupancy sensing provides light only when staff are in the area
- Integrated daylight harvesting automatically dims lumen output when ambient light is available
- Excellent light distribution in a variety of applications
- IP65 rated
- 10-year warranty on complete fixture
- Reported TM-21 lifetime of 103,000 hours (120,000 hours calculated)



ILE 13K ILE 18K ILE 26K

5000 Kelvin CCT:

Fixture Type	Item No.		
	Narrow	Wide	Aisle
ILE-3-13	21300	22300	23300
ILE-3-18	21400	22400	23400
ILE-3-26	21500	22500	23500

4000 Kelvin CCT:

Fixture Type	Item No.		
	Narrow	Wide	Aisle
ILE-3-13	21304	22304	23304
ILE-3-18	21404	22404	23404
ILE-3-26	21504	22504	23504

HLE Intelligent High Bay LED Fixtures

Designed for locations requiring Class I Div2, Class II Div2, and Class III fixtures, the HLEs bring Digital Lumens' intelligence, efficiency, and performance to environments that have additional safety concerns.

- Available in 13,000, 18,000, and 26,000 lumen output versions
- Integrated occupancy sensing provides light only when staff are in the area
- Integrated daylight harvesting automatically dims lumen output when ambient light is available
- Excellent light distribution in a variety of applications
- IP65 rated
- 10-year warranty on complete fixture
- Reported TM-21 lifetime of 103,000 hours (120,000 hours calculated)



HLE 13K

HLE 18K

HLE 26K

5000 Kelvin CCT:

Fixture Type	Item No.		
	Narrow	Wide	Aisle
HLE-3-13	21320	22320	23320
HLE-3-18	21420	22420	23420
HLE-3-26	21520	22520	23520

LLE Intelligent Linear LED Fixtures

For both retrofits and new construction projects, intelligent LLEs are highly versatile, controllable, and efficient LED fixtures that are ideal replacements for 1L and 2L T5/T8/T12 fluorescent fixtures.

- Available in 3,000 and 6,000 lumen output versions
- Color temperature options – 4,000K and 5,000K
- Four-foot length
- Mounting flexibility – with the ability to be installed individually or end-to-end
- Control flexibility to be managed individually or as a group
- Diffuse optics
- Digital Lumens' signature intelligence – occupancy sensing, daylight sensing, energy logging, and all key data
- Wireless communication with LightRules lighting and energy management software for control and reporting
- No maintenance or re-lamping
- No glass or mercury
- IP40 rated
- 10-year warranty on complete fixture
- Reported TM-21 lifetime of 60,000 hours (120,000+ hours calculated)



5000 Kelvin CCT:

Fixture Type	Item No.
	Diffuse
LLE-3	LLE-3-ST-D-850
LLE-6	LLE-6-ST-D-850

4000 Kelvin CCT:

Fixture Type	Item No.
	Diffuse
LLE-3	LLE-3-ST-D-840
LLE-6	LLE-6-ST-D-840

Control Type	Item No.
DLA-LLE, Symmetric Motion Sensor	DLA-LLE-D

DLA Digital Light Agents

The DLA suite of lighting control products makes any light from any manufacturer part of an Intelligent Lighting System. This simple solution brings Digital Lumens' patented intelligence and wireless control to a wide range of new environments.

- Adaptively manage light levels and energy use through integrated occupancy sensing and daylight sensing
- Provides full-range dimming for a wide variety of LED fixture types
- Validates performance via utility-grade energy metering
- Enables ongoing optimization through streaming of facility usage and environmental data
- Available for standard recessed mounting, weatherproof/IP65 mounting, or direct fixture integration
- 5-year warranty



DLA-I



DLA-R



DLA-S



DLA-E



DLA-FA



DLA-CA

Control Type	Item No.
Integrated DLA	DLA-I-D
Recessed Mount DLA	DLA-R-D
Surface Mount DLA	DLA-S-D
DLA for Philips EvoKit SR	DLA-E-D
Fixture Adapter	DLA-FA
Circuit Adapter	DLA-CA



Fixture Selection Guide



DLE FIXTURES



ILE FIXTURES



HLE FIXTURES



LLE FIXTURES

FEATURES	DLE-12	DLE-18	*DLE-24	*DLE-48	ILE-3-13	ILE-3-18	ILE-3-26	HLE-3-13	HLE-3-18	HLE-3-26
Lumen Output (nominal)	12,000 lm	18,000 lm	24,000 lm	48,000 lm	13,000 lm	18,000 lm	26,000 lm	13,000 lm	18,000 lm	26,000 lm
IP Rating	IP52	IP52	IP52	IP52	IP65	IP65	IP65	IP65	IP65	IP65
Hazardous Locations	—	—	—	—	—	—	—	●	●	●
Wattage (nominal)	120 W	180 W	240 W	480 W	140 W	190 W	270 W	140 W	190 W	270 W
Efficacy	105 lm/W	105 lm/W	106 lm/W	104 lm/W	102 lm/W	102 lm/W	102 lm/W	102 lm/W	102 lm/W	102 lm/W
CRI (minimum/typical)	70/72	70/72	70/72	70/72	70/72	70/72	70/72	70/72	70/72	70/72
Optic Options (Narrow, Wide, Aisle, Diffuse)	N, W, A, D	N, W, A, D	N, W, A, D	N, W, D	N, W, A	N, W, A	N, W, A	N, W, A	N, W, A	N, W, A
Color Temperature	4K, 5K	4K, 5K	4K, 5K	5K	4K, 5K	4K, 5K	4K, 5K	5K	5K	5K
Occupancy Sensing	●	●	●	●	●	●	●	●	●	●
Daylight Harvesting	●	●	●	●	●	●	●	●	●	●
LightRules Integration	●	●	●	●	●	●	●	●	●	●
Minimum Temperature	-30°C / -22°F	-30°C / -22°F	-30°C / -22°F	-30°C / -22°F	-40°C / -40°F	-40°C / -40°F	-40°C / -40°F	-40°C / -40°F	-40°C / -40°F	-40°C / -40°F
Maximum Temperature	50°C / 122°F	50°C / 122°F	50°C / 122°F	50°C / 122°F	65°C / 149°F	65°C / 149°F	65°C / 149°F	50°C / 122°F	50°C / 122°F	50°C / 122°F
Standard Input Voltage	120-277	120-277	120-277	120-277	208-277	208-277	208-277	208-277	208-277	208-277
Optional Input Voltage	347-480	347-480	347-480	347-480	347-480	347-480	347-480	—	—	—
Standard Hanging Hardware	Cable	Cable	Cable	Cable	Cable	Cable	Cable	Cable	Cable	Cable
Optional Hanging Hardware	Fixed Mount	Fixed Mount	Fixed Mount	Fixed Mount	Fixed Mount	Fixed Mount	Fixed Mount	Fixed Mount	Fixed Mount	Fixed Mount

FEATURES	LLE-3	LLE-6
Lumen Output (nominal)	3,000 lm	6,000 lm
IP Rating	IP40	IP40
Hazardous Locations	—	—
Wattage (nominal)	30 W	60 W
Efficacy	114 lm/W	114 lm/W
CRI (minimum/typical)	80/82	80/82
Optic Options (Narrow, Wide, Aisle, Diffuse)	D	D
Color Temperature	4K, 5K	4K, 5K
Occupancy Sensing	●	●
Daylight Harvesting	●	●
LightRules Integration	●	●
Minimum Temperature	-10°C / 14°F	-10°C / 14°F
Maximum Temperature	40°C / 104°F	40°C / 104°F
Standard Input Voltage	120-277	120-277
Optional Input Voltage	—	—
Standard Hanging Hardware	Cable	Cable
Optional Hanging Hardware	Fixed Mount	Fixed Mount

Application Environments

Digital Lumens' portfolio of intelligent fixtures is ideal for a broad range of applications – manufacturing, distribution centers, retail, cold storage, transportation depots, sporting facilities, and more. The fixtures are rated for temperatures ranging from -40°C / -40°F to 65°C / 149°F.

Lumen Output

With a variety of output alternatives, facility managers can decide which fixtures are right for them. Higher output fixtures can be spaced further apart to reduce fixture count. Or, for higher foot-candle requirements, fixture output and spacing can be managed to easily meet light level targets.

IP Rating

Whether you need high bay fixtures for locations with exceptional temperature range or require watertight IP65 rating, or IP52 rated fixtures for other location types, the Digital Lumens fixture family will meet your needs. LLEs feature an IP40 rating.

Optics

The Digital Lumens fixtures are available in narrow, wide, aisle, and diffuse optics versions, to ensure the light distribution patterns that are right for a broad range of applications.

Color Temperature

Fixtures are available in 5000K and 4000K CCT versions. Your choice will depend on the application environment.

Occupancy Sensing

By integrating occupancy sensing into every fixture, Digital Lumens fixtures provide light exactly when and where needed.

Daylight Harvesting

Integrated daylight sensors check for available ambient light and adjust fixture output to compensate. If there is ample light, each fixture gradually reduces output to conserve energy and increases output only as natural light decreases.

LightRules Integration

LightRules integration enables comprehensive reporting and control for maximum efficiency and flexibility.

Hanging Hardware

With Grippl® hanging hardware, fixtures are easy to install. Rigid mount hardware is also available.

10-Year Warranty

Digital Lumens fixtures feature a 10-year warranty.

* Uplighting available

Digital Lumens in Action

ACE HARDWARE

Ace Hardware Corporation is the world's largest hardware cooperative, with more than 4,850 locally owned and operated stores across all 50 states, the District of Columbia, and approximately 60 countries.

DILOSPINNBAU

Located in Bremen, Germany, DiloSpinnbau is the world's premier manufacturer of universal and high-capacity carding machines used to process nonwoven fibers.

STONE BREWING

Stone Brewing Co. is the 10th largest craft brewer in the United States. Widely known for its bold, flavorful and largely hop-centric beers, Stone Brewing Co. has been brewing award-winning beers in North County San Diego, CA, since 1996.

81% LIGHTING ENERGY SAVINGS

- **Location:** Rocklin, CA
- **Facility Type:** Distribution Center
- **Operating Hours:** 24x7
- **Installation Type:** Retrofit of 1,551 T5 HIF, 102 Metal Halide
- **Installation Size:** 92,903 m² / 1,000,000 ft²

91% LIGHTING ENERGY SAVINGS

- **Location:** Bremen, Germany
- **Facility Type:** Manufacturing
- **Operating Hours:** 8x5
- **Installation Type:** Retrofit of T8 Fluorescents
- **Installation Size:** 6,600 m² / 71,042 ft²

86% LIGHTING ENERGY SAVINGS

- **Location:** Escondido, CA
- **Facility Type:** Brewery—Bottling & Kegging
- **Operating Hours:** 24x7
- **Installation Type:** New Build / Expansion
- **Installation Size:** 6,410 m² / 69,000 ft²



“Often, lighting solutions look great on paper, but when you test them under actual facility conditions, major issues crop up that, if known in advance, would de facto kill a project,” said John Mellas. “We tested both a fluorescent and an LED alternative, for example, both of which produced so much glare at the light source that employee complaints were immediate. This observation would not have been possible without the on-site test. Obviously, quality matters and we are thrilled with the results we’ve achieved with Digital Lumens.”

— Vector Aerospace





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