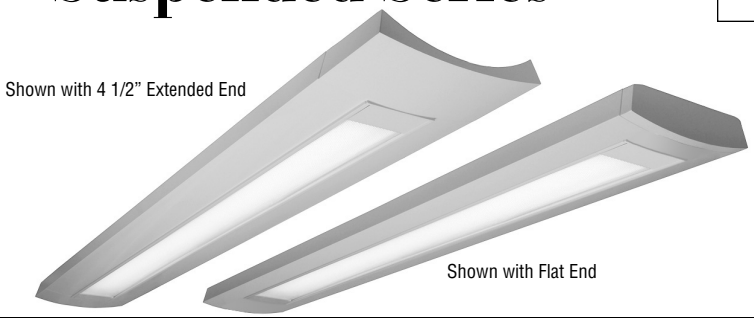
# Delgada™-LED Curved Suspended Series

| Catalog Number | Type |
|---|---|
| | |
| Project Name | |



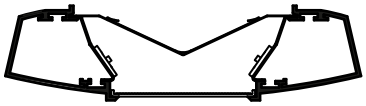
Shown with 4 1/2" Extended End

Shown with Flat End

# DCS-I/D-LED

## 7 19/32"x 2" Indirect/Direct Susp. (LED)

5 Year Limited Warranty LED Boards & Drivers



## S P E C I F I C A T I O N S

**Housing**

Two-piece .080" thick extruded aluminum. Standard lengths are 4' and 8'. Provisions may be made for patterns and continuous rows of any length.

**End Caps**

- (FE) Flat End – .100" thick die-cast aluminum finished to match fixture housing and secured with no visible fasteners
- (XE) 4½" Extended End – .100" thick die-cast aluminum finished to match fixture housing and secured with no visible fasteners

**Finish**

Standard and premium finishes are baked powder coat electrostatically applied (2.0 mil minimum thickness) to assure aesthetics and durability. Standard finish for stems and canopies is white.

**Indirect Optical Controls**

- (OC0) Reflector - Nominal 0%↑ 100%↓
- (OC2) Reflector - Nominal 25%↑ 75%↓
- (OC4) Reflector - Nominal 40%↑ 60%↓
- (OC6) Reflector - Nominal 60%↑ 40%↓

**Direct Optical Control**

- (LOH) Linear Micro-Prismatic Lens - formulated for LED diffusion and maximum light transmission.

**Reflector / Heat Sink**

.040" thick aluminum finished with a low gloss/ high-reflectance baked white powder coat.

**Light Engine**

Osram-Sylvania LED modules available for 3000K, 3500K and 4000K CCT, in high and medium light outputs.

**Driver**

Osram-Sylvania "Optotronic" power supply is UL/CUL recognized, 0-10V dimming available, 120-277 universal voltage. Consult factory for 347V.

**Circuitry**

All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

**Wiring**

All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

**Controls**

Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

**Certification**

All fixtures are UL/CUL listed for use in "Dry Applications". "Damp Location" is optional.

**Performance Data**

| Distribution | Output | Delivered Lumens/4' | System Watts/4' | Lumens/Watt |
|---|---|---|---|---|
| 0↑/100↓ | HO | 4567 | 49 | 93 |
| 0↑/100↓ | MO | 3020 | 31 | 99 |
| 25↑/75↓ | HO | 4681 | 49 | 95 |
| 25↑/75↓ | MO | 3089 | 31 | 101 |
| 40↑/60↓ | HO | 4957 | 49 | 101 |
| 40↑/60↓ | MO | 3280 | 31 | 108 |
| 60↑/40↓ | HO | 5616 | 49 | 114 |
| 60↑/40↓ | MO | 3711 | 31 | 121 |

**Series**
DCS-I/D

**End Caps**
**FE** Flat End
**XE** 4 ½" Extended End

**CCT**
**K30** 3000 Kelvin
**K35** 3500 Kelvin
**K40** 4000 Kelvin

**Standard Lengths:**
**4'** and **8'**

**Mounting**
**CT** = Cable (15/16" Tbar) Fully Adjustable (36" Standard)
**CN** = Cable (Non-Tbar) Fully Adjustable (36" Standard)
**P** = Rigid Stem (Up to 48" Standard)
**K** = Swivel Stem (Up to 48" Standard)

**DCS-I/D-XE-HO-K35-8-CT-OC6/LOH-FO1M-V-[ ]**

**Lumen Output**
**HO** - *High Output
**MO** - *Medium Output

*See Performance Data Chart Above

**Indirect Optical Controls**
**OC0** = 0%↑ 100%↓
**OC2** = 25%↑ 75%↓
**OC4** = 40%↑ 60%↓
**OC6** = 60%↑ 40%↓

**Direct Optical Controls**
**LOH**
Linear Micro-Prismatic Lens - LED

**Standard Finishes**
**F01M** Matte White
**Premium Finishes**
**F01G** Gloss White
**F02** Ivory
**F03** Stonewash
**F04** Camel
**F05** Gray Day
**F06** Pebble Beach
**F07** Steel
**F08** Gray Seal
**F09** Mocha
**F10** Bronzed
**F11G** Gloss Black
**F11M** Matte Black
**F12** Ultrasonic Clear
**F13** Merlot
**F14** Red Skies
**F15** Lemon
**F16** Forest Hunter
**F20** Blue Print
**F21** Reflex Blue
**F22** Navy
**FCC** Custom Color

**Voltage**
**120**
**277**
**UNV**

**Options**
**NLCKT** Separate Night Light Circuit
**EMCKT** Separate Emergency Circuit
**EBPL** Emergency Battery Pack (6 Watts)
**EBPH** Emergency Battery Pack (10 Watts)
**Dim** Dimming
**DL** Damp Location
**FS** Fused Drivers
**GTD** Generator Transfer Device
**DC** Dust Cover
**DS** Integral Mount Daylight Sensor
**OS** Integral Mount Occupancy Sensor

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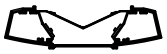
# Suspended

## DCS-I/D-HO-K40-OC0/LOH



### High Output - Direct Only

**LED Optimized Linear Micro-Prismatic Lens**

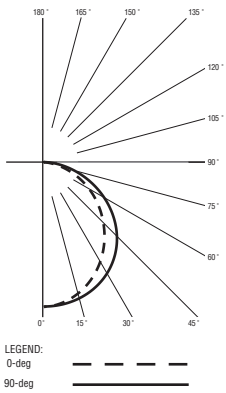
**Catalog Number:** DCS-I/D-XX-HO-K40-4'-X-OC0/LOH-120

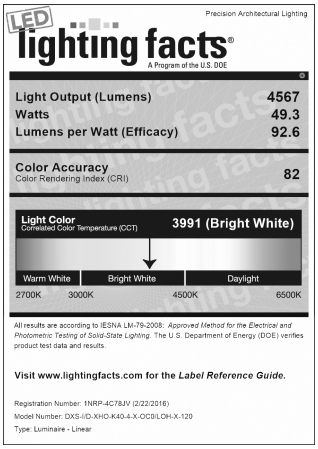
**Report Number:** LLIA#000537-013.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

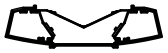
**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 92.6 Lm/W
Color Rendering Index (CRI) = 82
0% Up 100% Down




## DCS-I/D-MO-K40-OC0/LOH



### Medium Output - Direct Only

**LED Optimized Linear Micro-Prismatic Lens**

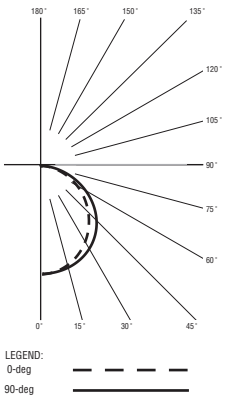
**Catalog Number:** DCS-I/D-XX-MO-K40-4'-X-OC0/LOH-120

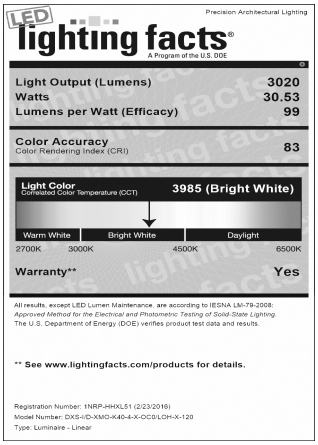
**Report Number:** LLIA#000537-011.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

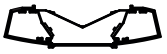
**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 99.0 Lm/W
Color Rendering Index (CRI) = 83
0% Up 100% Down




## DCS-I/D-HO-K40-OC2/LOH



### High Output - Indirect/Direct

**LED Optimized Linear Micro-Prismatic Lens**

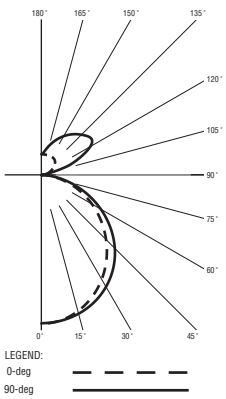
**Catalog Number:** DCS-I/D-XX-HO-K40-4'-X-OC2/LOH-120

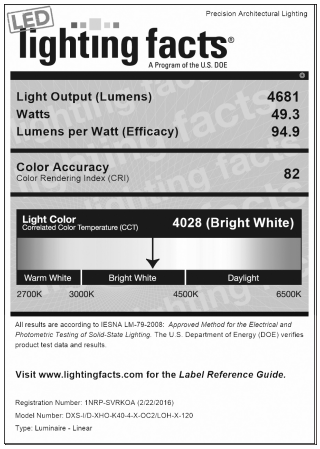
**Report Number:** LLIA#000537-015.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

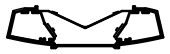
**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 94.9 Lm/W
Color Rendering Index (CRI) = 82
28% Up 72% Down




## DCS-I/D-MO-K40-OC2/LOH



### Medium Output - Indirect/Direct

**LED Optimized Linear Micro-Prismatic Lens**

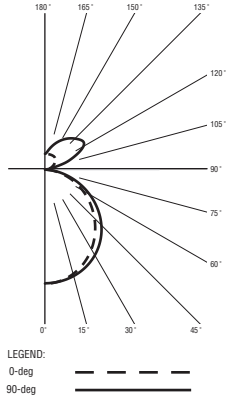
**Catalog Number:** DCS-I/D-XX-MO-K40-4'-X-OC2/LOH-120

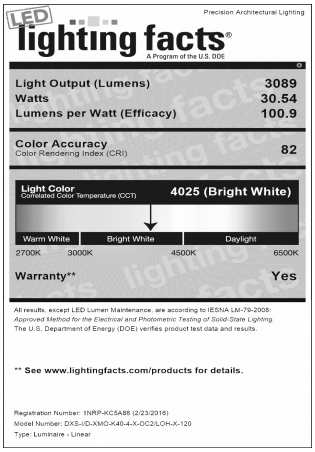
**Report Number:** LLIA#000537-009.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 100.9 Lm/W
Color Rendering Index (CRI) = 82
28% Up 72% Down

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## DCS-I/D-HO-K40-OC4/LOH

### High Output - Indirect/Direct

**LED Optimized Linear Micro-Prismatic Lens**

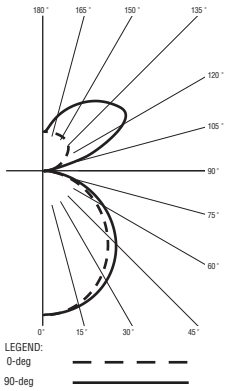
**Catalog Number:** DCS-I/D-XX-HO-K40-4'-X-OC4/LOH-120

**Report Number:** LLIA#000537-017.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 100.5 Lm/W
Color Rendering Index (CRI) = 82
40% Up 60% Down

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| | |
|---|---|
| Light Output (Lumens) | 4957 |
| Watts | 49.3 |
| Lumens per Watt (Efficacy) | 100.5 |
| Color Accuracy<br>Color Rendering Index (CRI) | 82 |
| Light Color<br>Correlated Color Temperature (CCT) | 4018 (Bright White) |

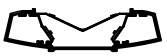
Warm White | Bright White | Daylight
2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide.*

Registration Number: 1NRP-1KXNN2 (2/22/2016)
Model Number: DXS-I/D-XHO-K40-4-X-OC4/LOH-X-120
Type: Luminaire - Linear

## DCS-I/D-MO-K40-OC4/LOH



### Medium Output - Indirect/Direct

**LED Optimized Linear Micro-Prismatic Lens**

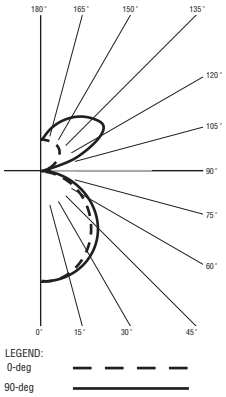
**Catalog Number:** DCS-I/D-XX-MO-K40-4'-X-OC4/LOH-120

**Report Number:** LLIA#000537-007.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 107.5 Lm/W
Color Rendering Index (CRI) = 82
40% Up 60% Down

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| | |
|---|---|
| Light Output (Lumens) | 3280 |
| Watts | 30.55 |
| Lumens per Watt (Efficacy) | 107.5 |
| Color Accuracy<br>Color Rendering Index (CRI) | 82 |
| Light Color<br>Correlated Color Temperature (CCT) | 4014 (Bright White) |

Warm White | Bright White | Daylight
2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: 1NRP-MPM1JX (2/23/2016)
Model Number: DXS-I/D-XMO-K40-4-X-OC4/LOH-X-120
Type: Luminaire - Linear

## DCS -I/D-HO-K40-OC6/LOH

### High Output - Indirect/Direct

**LED Optimized Linear Micro-Prismatic Lens**

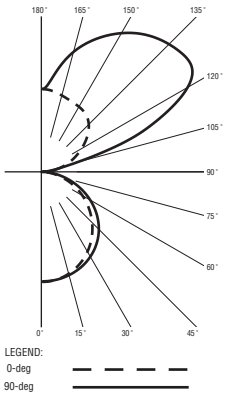
**Catalog Number:** DCS-I/D-XX-HO-K40-4'-X-OC6/LOH-120

**Report Number:** LLIA#000537-019.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 113.7 Lm/W
Color Rendering Index (CRI) = 82
62% Up 38% Down

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| | |
|---|---|
| Light Output (Lumens) | 5616 |
| Watts | 49.4 |
| Lumens per Watt (Efficacy) | 113.7 |
| Color Accuracy<br>Color Rendering Index (CRI) | 82 |
| Light Color<br>Correlated Color Temperature (CCT) | 4012 (Bright White) |

Warm White | Bright White | Daylight
2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

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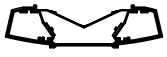
Registration Number: 1NRP-VSOPL5 (2/22/2016)
Model Number: DXS-I/D-XHO-K40-4-X-OC6/LOH-X-120
Type: Luminaire - Linear

## DCS-I/D-MO-K40-OC6/LOH



### Medium Output - Indirect/Direct

**LED Optimized Linear Micro-Prismatic Lens**

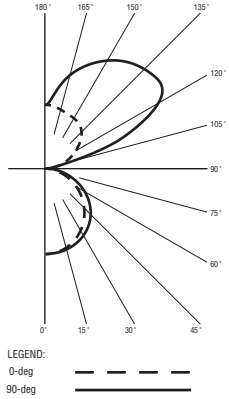
**Catalog Number:** DCS-I/D-XX-MO-K40-4'-X-OC6/LOH-120

**Report Number:** LLIA#000537-005.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 121.3 Lm/W
Color Rendering Index (CRI) = 83
62% Up 38% Down

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| | |
|---|---|
| Light Output (Lumens) | 3711 |
| Watts | 30.54 |
| Lumens per Watt (Efficacy) | 121.3 |
| Color Accuracy<br>Color Rendering Index (CRI) | 83 |
| Light Color<br>Correlated Color Temperature (CCT) | 4007 (Bright White) |

Warm White | Bright White | Daylight
2700K 3000K 4500K 6500K

| | |
|---|---|
| Warranty** | Yes |

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

** See www.lightingfacts.com/products for details.

Registration Number: 1NRP-7ER1K8 (2/23/2016)
Model Number: DXS-I/D-XMO-K40-4-X-OC6/LOH-X-120
Type: Luminaire - Linear

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