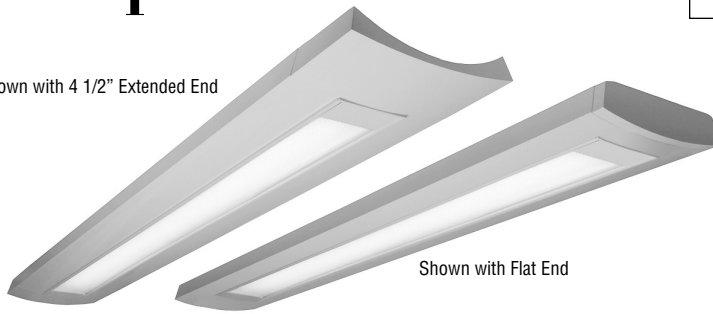


# Delgada™-LED Curved Suspended Series

Shown with 4 1/2" Extended End



Shown with Flat End

## SPECIFICATIONS

### 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) 4 1/2" 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

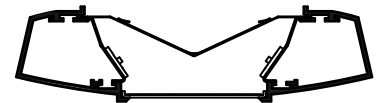
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

### Certification

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

# DCS-I/D-LED

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



## Performance Data

Distribution	Output	Delivered Lumens/4'	System Watts/4'	Lumens/Watt	DLC QPL Listed
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	Yes
60 ↑ / 40 ↓	HO	5616	49	114	Yes
60 ↑ / 40 ↓	MO	3711	31	121	Yes

Series	End Caps	CCT	Standard Lengths:	Mounting
DCS-I/D	FE Flat End XE 4 1/2" Extended End	K30 3000 Kelvin K35 3500 Kelvin K40 4000 Kelvin	4' and 8'	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 Bronze  
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

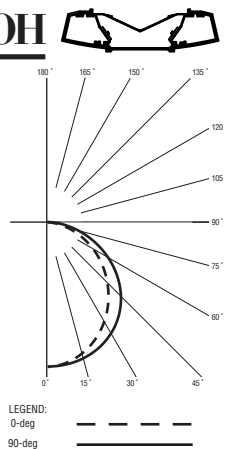
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**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



lighting facts®	
A Program of the U.S. DOE	
Light Output (Lumens)	4567
Watts	49.3
Lumens per Watt (Efficacy)	92.6
Color Accuracy	82
Color Rendering Index (CRI)	
Light Color	3991 (Bright White)
Correlated Color Temperature (CCT)	
Warm White	Bright White
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 <a href="http://www.lightingfacts.com">www.lightingfacts.com</a> for the Label Reference Guide.	
Registration Number: INRP-4C78J/V (2/23/2016)	
Model Number: DCS-I/D-HO-K40-4'-X-OC0/LOH-X-120	
Type: Luminaire - Linear	

## 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

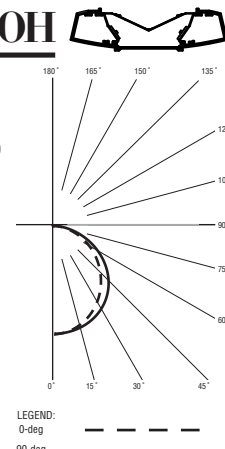
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**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



lighting facts®	
A Program of the U.S. DOE	
Light Output (Lumens)	3020
Watts	30.53
Lumens per Watt (Efficacy)	99
Color Accuracy	83
Color Rendering Index (CRI)	
Light Color	3985 (Bright White)
Correlated Color Temperature (CCT)	
Warm White	Bright White
2700K	3000K
4500K	6500K
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 <a href="http://www.lightingfacts.com/products">www.lightingfacts.com/products</a> for details.	
Registration Number: INRP-4H0L/1 (2/23/2016)	
Model Number: DCS-I/D-MO-K40-4'-X-OC0/LOH-X-120	
Type: Luminaire - Linear	

## 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

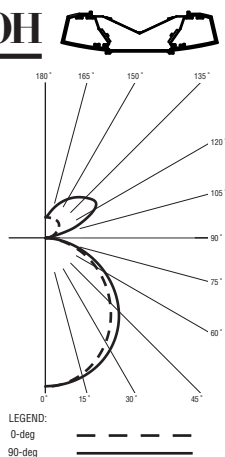
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**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



lighting facts®	
A Program of the U.S. DOE	
Light Output (Lumens)	4681
Watts	49.3
Lumens per Watt (Efficacy)	94.9
Color Accuracy	82
Color Rendering Index (CRI)	
Light Color	4028 (Bright White)
Correlated Color Temperature (CCT)	
Warm White	Bright White
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 <a href="http://www.lightingfacts.com">www.lightingfacts.com</a> for the Label Reference Guide.	
Registration Number: INRP-SVRKQA (2/23/2016)	
Model Number: DCS-I/D-HO-K40-4'-X-OC2/LOH-X-120	
Type: Luminaire - Linear	

## 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

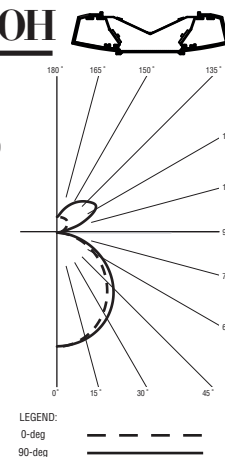
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**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



lighting facts®	
A Program of the U.S. DOE	
Light Output (Lumens)	3089
Watts	30.54
Lumens per Watt (Efficacy)	100.9
Color Accuracy	82
Color Rendering Index (CRI)	
Light Color	4025 (Bright White)
Correlated Color Temperature (CCT)	
Warm White	Bright White
2700K	3000K
4500K	6500K
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 <a href="http://www.lightingfacts.com/products">www.lightingfacts.com/products</a> for details.	
Registration Number: INRP-KCSAB8 (2/23/2016)	
Model Number: DCS-I/D-MO-K40-4'-X-OC2/LOH-X-120	
Type: Luminaire - Linear	



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# Suspended

## 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

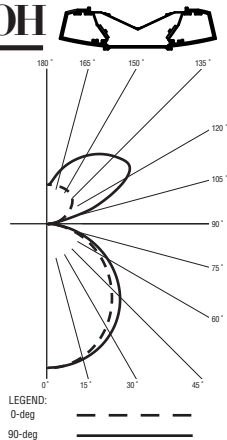
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**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



lighting facts®	
A Program of the U.S. DOE	
Light Output (Lumens)	4957
Watts	49.3
Lumens per Watt (Efficacy)	100.5
Color Accuracy	82
Color Rendering Index (CRI)	
Light Color	
Correlated Color Temperature (CCT)	
4018 (Bright White)	
Warm White	Bright White
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 <a href="http://www.lightingfacts.com">www.lightingfacts.com</a> for the Label Reference Guide.	
Registration Number: INRP-1KXN2 (2/22/2016)	
Model Number: DCS-I/D-HO-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

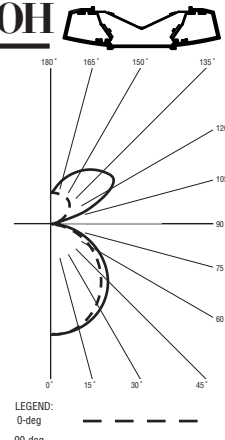
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**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



lighting facts®	
A Program of the U.S. DOE	
Light Output (Lumens)	3280
Watts	30.55
Lumens per Watt (Efficacy)	107.5
Color Accuracy	82
Color Rendering Index (CRI)	
Light Color	
Correlated Color Temperature (CCT)	
4014 (Bright White)	
Warm White	Bright White
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 <a href="http://www.lightingfacts.com">www.lightingfacts.com</a> for the Label Reference Guide.	
Registration Number: INRP-MFM1 JK (2/23/2016)	
Model Number: DCS-I/D-MO-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

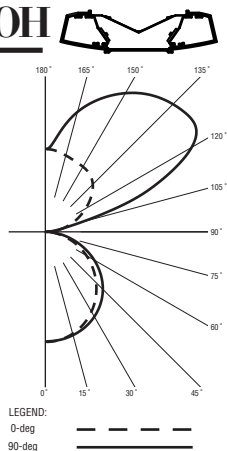
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**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



lighting facts®	
A Program of the U.S. DOE	
Light Output (Lumens)	5616
Watts	49.4
Lumens per Watt (Efficacy)	113.7
Color Accuracy	82
Color Rendering Index (CRI)	
Light Color	
Correlated Color Temperature (CCT)	
4012 (Bright White)	
Warm White	Bright White
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 <a href="http://www.lightingfacts.com">www.lightingfacts.com</a> for the Label Reference Guide.	
Registration Number: INRP-VSOP15 (2/23/2016)	
Model Number: DCS-I/D-HO-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

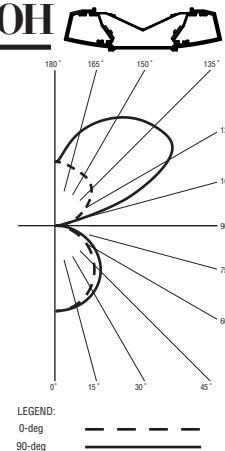
**Luminaire Description :** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Linear Micro-Prismatic Lens

**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



lighting facts®	
A Program of the U.S. DOE	
Light Output (Lumens)	3711
Watts	30.54
Lumens per Watt (Efficacy)	121.3
Color Accuracy	83
Color Rendering Index (CRI)	
Light Color	
Correlated Color Temperature (CCT)	
4007 (Bright White)	
Warm White	Bright White
2700K	3000K
4500K	6500K
Warranty**	Yes
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.	
** See <a href="http://www.lightingfacts.com/products">www.lightingfacts.com/products</a> for details.	
Registration Number: INRP-7ER1 K8 (2/23/2016)	
Model Number: DCS-I/D-MO-K40-4'-X-OC6/LOH-X-120	
Type: Luminaire - Linear	



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