AS350™ - Diamond Wall Mount Series

TW TunableWhite Available

AS350 - Diamond Wall Mount

3 1/2" Square - Diamond Wall Mount

5 Year Limited Warranty — LED Boards & Drivers

DLC LISTED™

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

Housing
One-piece .080" thick extruded aluminum. Standard lengths are nominal 2', 3', 4', 6', 8', and 12'. Provisions may be made for continuous rows of any length.

End Caps
Die-cast aluminum flat end cap 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. Mounting brackets are painted to match fixture housing.

Optical Control
(LOH) LED optimized high transmittance acrylic snap-in lens.

Reflector/Heat Sink
.040" thick die-formed aluminum finished with a high reflectance white enamel.

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.

Driver (Standard)
Power supply is UL/CUL recognized, 0-10V dimming available 120-277 universal voltage. 347V is available.

Light Engine (Standard)
LED light source available standard for 3000K, 3500K and 4000K CCT, in high and medium light outputs, and 80 or 90 CRI. Standard outputs at 80 CRI:

HO - High Output (DLC Listed)
  *3389 Total Delivered Lms. at 28 System Watts

MO - Medium Output (DLC Listed)
  *2094 Total Delivered Lms. at 17 System Watts

(*All values per 4' using 4000K LED modules)

Driver (Tunable White)
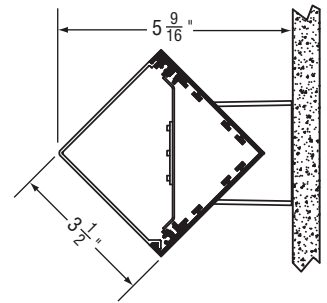EldoLED power supply is UL recognized, DALI, 0-10V or DMX available, 120-277 universal voltage.

Light Engine (Tunable White)
Tunable White LED light source available for 2700K thru 6500K CCT, and 80 or 90 CRI. Contact factory for available outputs.

*Due to continued advancement in LED technology, lumen performance is subject to change. Please visit our website for the most up-to-date information.

Certification
Fixtures are ETL listed for use in 'Dry or Damp Applications. Conforms to UL Standard #1598 and to CAN/CSA #C22.2No.250.0.

5 9/16 "
3 1/2"

AS350-HO-DW-LOH
AS350-MO-DW-LOH
AS350-CO-DW-LOH
(Diamond Wall Mount)

Sample Catalog Number: **AS350 - HO - K40 - 80 - 4 - DW - LOH - F01M - 120 - DIM1 - OPTIONS**

AS350 – ☐ – ☐ – ☐ – ☐ – ☐ – ☐ – ☐ – ☐ – ☐ – ☐

AS350 Series

Lumen Output / 4': **HO** - High Output = 3389 Total Lms. - 123 Lm/W
  MO - Medium Output = 2094 Total Lms. - 124 Lm/W
  CO - Custom Output (Contact factory for available output range)

CCT: **K30**-3000K, **K35**-3500K, **K40**-4000K, **TW**-Tunable White (2700K-6500K)

CRI: **80** (Standard), **90** (Optional)

Standard Fixture Lengths: **2', 3', 4', 6', 8'** and **12'**

Mounting: **DW** = Diamond Wall Mount Bracket

Optical Control: **LOH** = LED Optimized Acrylic Snap-in Lens

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

Voltage: **120V, 277V, 347V** or **UNV** (Universal Voltage)

Drivers: **DIMX** = Standard Driver - No Dimming   **DIM1** = Standard Driver wired for Dimming - 100% to 1%   **DIM0** = Optional Driver w/Available Dimming - 100% to 0%

Options: **NLCKT** = Night-Light Circuit (Common Neutral)   **EMCKT** = Emergency Circuit (Separate Hot & Neutral)   **EBPHST** = Self-Testing Emergency Battery Pack (10 Watt)

DALI = DALI Protocol Driver(Tunable White)   **DMX** = DMX Protocol Driver (Tunable White)   **0-10V/TW** = 0-10V Driver (Tunable White)   **FS** = Fused Drivers

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Diamond Wall Mount
AS350-HO-K40-DW-LOH

High Output

LED Optimized High Transmittance Lens

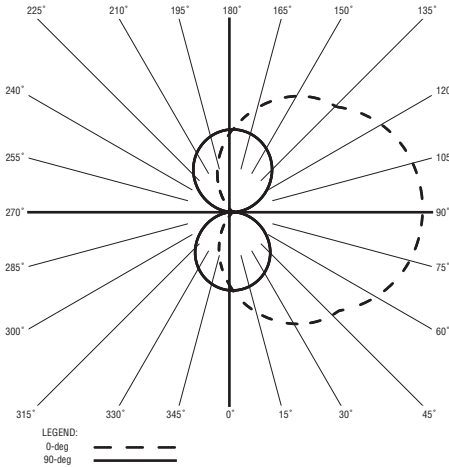|	
Catalog Number:	AS350-HO-K40-80-4'-DW-LOH-120
Report Number:	#LLIA001084-007.ies
Luminaire Description:	Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Lens.
LED Module:	Multiple White Low-Power Light Emitting Diodes (LEDs) in a uniform grid pattern.

Total Luminaire Efficacy = 122.8 Lm/W

51% Up   49% Down

Color Rendering Index (CRI) = 85

DLC LISTED

LEGEND:
0-deg
90-deg

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	276	8.1
0- 40	464	13.7
0- 60	902	26.6
0- 90	1667	49.2
90- 180	1722	50.8
0- 180	3389	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	343	343	343	343	343
5	384	382	374	356	341
15	462	454	424	377	329
25	534	516	462	384	307
35	592	565	486	378	274
45	629	592	490	357	232
55	697	631	474	323	181
65	761	682	489	279	127
75	804	718	504	246	72
85	826	738	515	240	22
90	830	743	519	241	1

AS350-MO-K40-DW-LOH

Medium Output

LED Optimized High Transmittance Lens

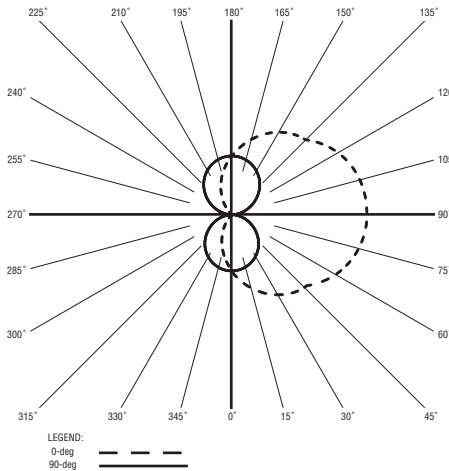|	
Catalog Number:	AS350-MO-K40-80-4'-DW-LOH-120
Report Number:	#LLIA001084-008.ies
Luminaire Description:	Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Lens.
LED Module:	Multiple White Low-Power Light Emitting Diodes (LEDs) in a uniform grid pattern.

Total Luminaire Efficacy = 123.9 Lm/W

51% Up   49% Down

Color Rendering Index (CRI) = 85

DLC LISTED

LEGEND:
0-deg
90-deg

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	171	8.2
0- 40	288	13.8
0- 60	560	26.7
0- 90	1032	49.3
90- 180	1062	50.7
0- 180	2094	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	213	213	213	213	213
5	239	237	232	222	212
15	288	281	263	234	205
25	331	320	287	238	190
35	367	349	300	234	170
45	389	365	303	221	143
55	433	391	292	200	112
65	471	422	302	172	78
75	497	444	311	151	44
85	510	456	318	148	14
90	512	458	320	148	1