AMBIANCE
Lighting Systems

Job Name:		Item Number:	
Specifier Name:		Sales Agency:	
Specifier Contact:		Agency Contact:	
Fixture Type:		Comments:	
Quantity:		Approval:	

12V LED Disk Light 3000K
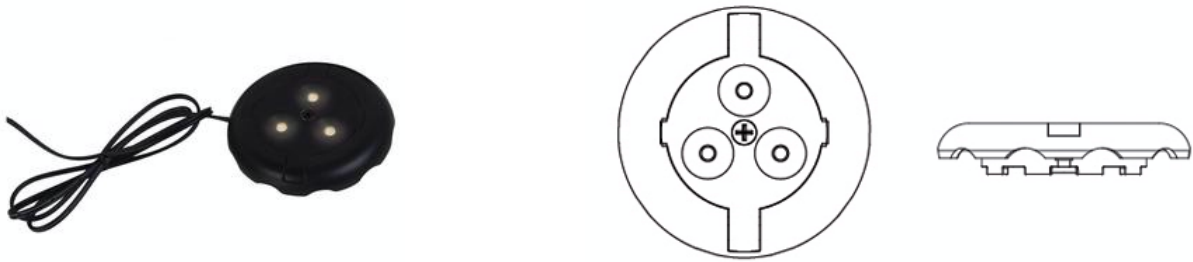
D: 3" H: 5/8"

Description

Ambiance LED Disk Lighting is ideal for residential, commercial and retail applications with its ample lumen output and versatility. Ambiance LED Disks are dimmable on magnetic and electronic low voltage systems. For magnetic systems, a standard incandescent or magnetic low voltage (MLV) dimmer can be used. For electronic, an electronic low voltage (ELV) dimmer is recommended.

Specifications

Item Number	98860SW-12
Finish	Black
Dimensions	D: 3" H: 5/8"
Wire / Cord	36" (color/Black)
Mounting Proc.	Pin-Up
Connection	Both
Voltage	12V
Color Temperature	3000°K
Lumens	170
Watts Consumed	4 watts
Efficacy	42.5 lm/w
Color Rendering	>85 CRI
Rated Average Life	40,000 hours to 70%
Safety Listing	cETL Listed for Damp Locations
Warranty	5-Year Limited Warranty

Instruction Sheets

- Trilingual (English, Spanish, and French) (HC-1887FS)

Available Photometry
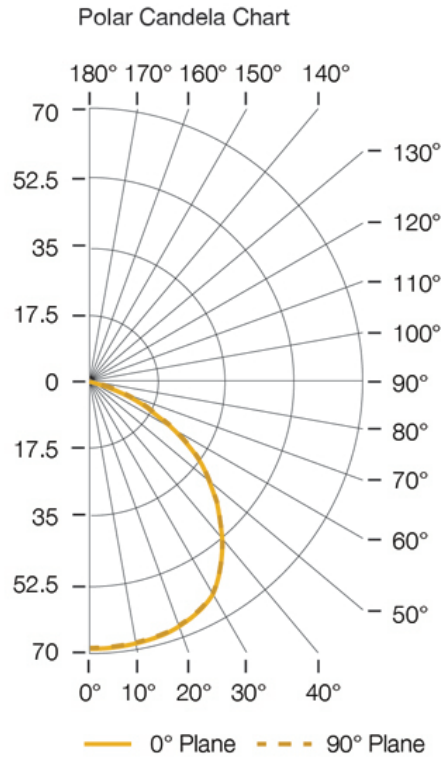
- LM79 Photometry
- Integrating Sphere Test
- IES File

Shipping Information:

Package Type	Product #	Quantity	UPC	Length	Width	Height	Cube	Weight	UPS Ship
Individual	98860SW-12	1	785652153082	3.75	3.75	1.25	0.01	0.2	Yes
Master Pack	98860SW-12	5	10785652153089	4.25	4.25	6.25	0.065	1.4	Yes
Shipping Master		100	20785652153086	21.75	9	14	1.586	28	Yes

Photometric Diagram:

Zonal Lumen Summary

Zone (Degrees)	Lumens	% of Lamp
0° – 30°	56.7	32.5%
0° – 40°	93.4	53.6%
0° – 60°	157.7	90.4%
0° – 90°	174.4	100%
90° – 180°	0	0.0%
0° – 180°	174.4	100%

Average Luminance Table (cd/m²)

Vertical Angle (Degrees)	Horizontal Angle (Degrees) 0°	45°	90°
0°	60540	60540	60540
45°	58070	58070	58070
55°	48620	48620	48620
65°	32180	32180	32180
75°	1326	1326	1326
85°	0	0	0

Polar Candela Chart

—— 0° Plane   - - - 90° Plane

Photometry based on (1) 98860SW(-xx) LED Disk in 3000°K CCT.

Component Diagram:

STEP 1
Choose LED Disks
Select number of disks, housing color and color temperature needed for your project.

STEP 2
Select Connectors & Accessories
Order connection hubs, additional connector cords, extra cord mounting clips, wiring compartments and fused plugs needed for your installation. (Each disk includes a 36" linking cable.)

STEP 3
Select Transformers
Multiply the number of disks in your system by 4 watts to determine transformer size needed. LED disks are 12V AC for use with 12V power supplies.