

DINE RECESSED DMX

15 Watt LED Light Fixture, RGB + Tunable White, DMX
Recessed Downlighting



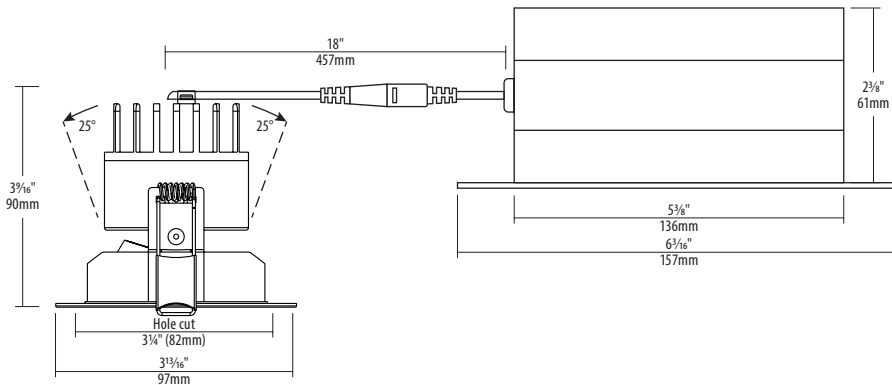
Job Information

Project Name	
Type	
Location	
Quantity	
Date	

Description

The DINE Series was designed to deliver exceptional visual comfort in hospitality environments, offering warm, focused lighting exactly where it's needed. This recessed fixture is ultra-low glare, with tight beam control, and smooth, precise dimming to create the perfect intimate ambiance. For added on-site flexibility, Dine DMX offers RGB + Tunable white and DMX dimming ability.

Technical Drawings



* IC Box Required for direct contact with insulation.



FIXTURE SPECIFICATIONS

Aperture	2 1/2" (65mm)
Application	Recessed
Approved Location	Damp
Certification	cETLus
CRI	>90
Dimming	Yes - DMX control
Dimming Resolution	8-bit
Engine Tilt	25°
Hole Cut Size	Ø 3 1/4" (82mm)
Input	48V DC (non-dimmable, provided by others)
Max Ceiling Thickness	1 1/4" (32mm)
Power	15 W
Power Factor	> 0.9
Power Supply Type	Constant Current

Ordering Guide Example: DRW-CFCMG0BF-DN1-NC1

DR	Trim Color	Lumens Per Head ¹	Color Temp.	Beam Angle	Lens Type	Filter	Reflector Finish	Reflector Function	Driver Options	Emergency Backup	Voltage	Mounting	Shipping
	W : White B : Black	C : 900 lm (NON-IC) D : 900 lm (IC Box) ²	FC : RGBTW (2200 - 6500K), RGB	V : Very Narrow (15°) N : Narrow (24°) M : Medium (36°) W : Wide (50°)	G : TIR	0 : No filter 1 : Honeycomb 2 : Soft lens 3 : Linear spread film 4 : Honeycomb + Linear spread film 5 : Honeycomb + Soft lens 6 : Light Bending Film (20° directional)	B : Black W : White G : Gold S : Specular H : Semi-Specular	F : Fixed A : Adjustable ³ W : Wall Wash	M : DMX ⁴	N : No Emergency Backup	1 : 48V	RM : Remodel ⁵ NC : New Construction	1 : Ship Complete 2 : Ship Rough-in First 3 : Ship Complete, Bulk 4 : Ship Rough-in First, Bulk



Highlighted option denotes Quickship.

Notes:

¹ Combined output 900 lumens including RGB on (340 lm Warm White and 410 lm Cool White).

² Hanger bar is not attached to IC box.

³ Should be used when fixture tilting is required.

⁴ DMX decoder.

⁵ Not available with IC Box option "D".

Quick Ship option is available on orders of 100 pieces or less, and will ship within 7 business days. Options must be selected from Quick Ship section to qualify.

For additional options please consult your A-Line representative.

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Features

Beam Angle

Total internal reflector (TIR lens available in Very Narrow (15°), Narrow (24°), Medium (36°) and Wide (50°).

DMX/RDM Control

Full DMX512/1990 and RDM/2009 protocol compliance. The integrated 5-channel constant current DMX decoder enables precise, per-channel intensity control across all RGB + Tunable White channel - including independent brightness and colour temperature adjustment. Factory default DMX address: 001.

Integrated Decoder

The luminaire includes a built-in 5-channel constant current DMX decoder housed in an extruded aluminium hardwire box.

NOTE: A 48V non-dimmable constant voltage power supply is required and provided by others.

CCT Mode

When CCT Mode is enabled (ON) via the on-device OLED menu, Channel 4 controls overall brightness and Channel 5 controls tunable white (2700 K-5000 K), allowing direct scene customization without requiring a separate controller channel map.

8-Bit Dimming Resolution

Dimming resolution supports 8-bit (256 steps) for smooth, flicker-free dimming from 100% to 1%.

Broad Control System Compatibility

Compatible with leading DMX control ecosystems including Lutron HomeWorks, Crestron, Control4, Savant, Josh.ai, and Vantage - enabling seamless integration into residential and commercial smart lighting environments.

Quick Connect Wiring

The DMX decoder has a removable block connector for simplified power and DMX control field wiring.

Minimum Starting Temperature

-20°C (-4°F).

IC Box and New Construction Chicago Plenum

Single wall aluminum housing allows fixture to be installed in insulated ceiling applications. The housing is equipped with rigid hanger bars for easy installation without warping or moving.

Hanger Bars

Rigid hanger bars extend up to 25" (635mm). Score lines on the hanger bars allow for tool-less shortening down to 12" (305mm). Built-in line-up foot allows for accurate housing height during installation. Integrated T-bar clips easily snap onto T-bars.

Photometrics

See website or contact factory for IES files or additional photometry.

Shipping

Fixtures can be shipped complete or with rough-in components first, and the remainder once requested.

Environment

Suitable for use in damp locations.

Warranty

5-Year warranty.

QuickShip Made-To-Order

Made-To-Order products ship within seven business days of an order being released.

Installation Notes

1. This luminaire requires a 48V DC non-dimmable voltage power supply, provided by others.
2. Connect DMX/RDM signal input/output to the DMX controller daisy-chain capable, see install instructions.
3. Do not overload. Verify all wiring before commissioning.
4. A 48V non-dimmable constant voltage power supply is required and provided by others.
5. Install DMX Decoder in a dry, ventilated environment.
6. Accessories are sold separately. Consult your Liteline representative for additional options.

Accessories



P-3020

79mm round pre-mounting plate for Dine Recessed fixtures.

Lens Options



SA-LENS-MN45-15-xx

TIR Lens , For TW, 15°, White /Black Holder



SA-LENS-MN45-24-xx

TIR Lens , For TW, 24°, White /Black Holder.



SA-LENS-MN45-36-xx

TIR Lens , For TW, 36°, White / Black Holder.



SA-LENS-MN45-50-xx

TIR Lens , For TW, 50°, White /Black Holder.



P-DR-HCLOUVER

Honeycomb louver.



P-LENS-FILTER-LS

Linear spread film.



P-LENS-FILTER-SA

Light bending film.

Baffle Options



P-DR-STBAFFLE-WH

Straight Baffle, Matte White.



P-DR-STBAFFLE-BK

Straight Baffle, Matte Black.



P-DR-STBAFFLE-SS

Straight Baffle, Semi-Specular.



P-DR-STBAFFLE-SP

Straight Baffle, Specular.



P-DR-STBAFFLE-GL

Straight Baffle, Gold.



P-DR-ADJBAFFLE-WH

Adjustable Baffle, Matte White.



P-DR-ADJBAFFLE-BK

Adjustable Baffle, Matte Black.



P-DR-ADJBAFFLE-SS

Adjustable Baffle, Semi-Specular.



P-DR-ADJBAFFLE-SP

Adjustable Baffle, Specular.



P-DR-ADJBAFFLE-GL

Adjustable Baffle, Gold.



P-DR-WWBAFFLE-WH

Wall Wash baffle, Matte White.



P-DR-WWBAFFLE-BK

Wall Wash baffle, Matte Black.



P-DR-WWBAFFLE-SS

Wall Wash baffle, Semi-Specular.



P-DR-WWBAFFLE-SP

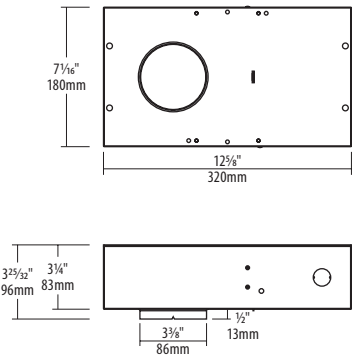
Wall Wash baffle, Specular.



P-DR-WWBAFFLE-GL

Wall Wash baffle, Gold.

Mounting: IC Box



Mounting: New Construction

