Nivo® 2x2

LED

FOCAL POINT®

Flush
1"
3"
5"
7"
2" - 7" hollow diffuser

Nivo™ Acoustic companions

DIMENSIONAL DATA

2" Drop -Solid Diffuser

5.07" / 128.7mm
1.85" / 47mm
24.00" / 609.6mm

2" Drop -Hollow Diffuser

5.07" / 128.7mm
1.85" / 47mm
11.00" / 279.4mm
24.00" / 609.6mm

shielding options

flush flat tee
flush tegular tile
1" drop

2" drop
3" drop

4" drop
5" drop

6" drop
7" drop
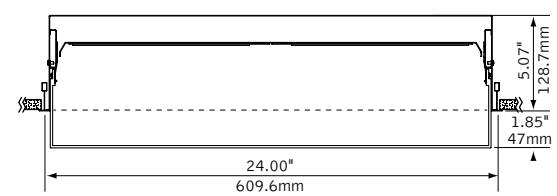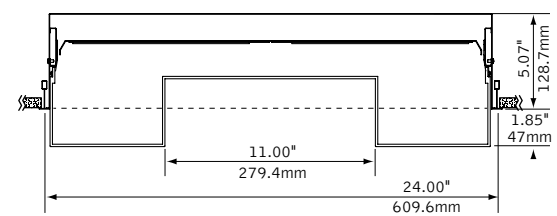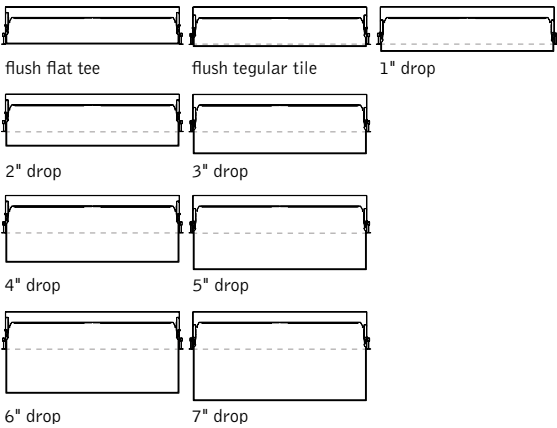
FEATURES

Architectural recessed LED luminaire with decorative flush or drop diffusers.

Square LED panels evenly backlight a formed frosted acrylic lens, creating a soft and pleasant glow.

The flush diffuser mimics a ceiling tile, aligning with flat or tegular panels.
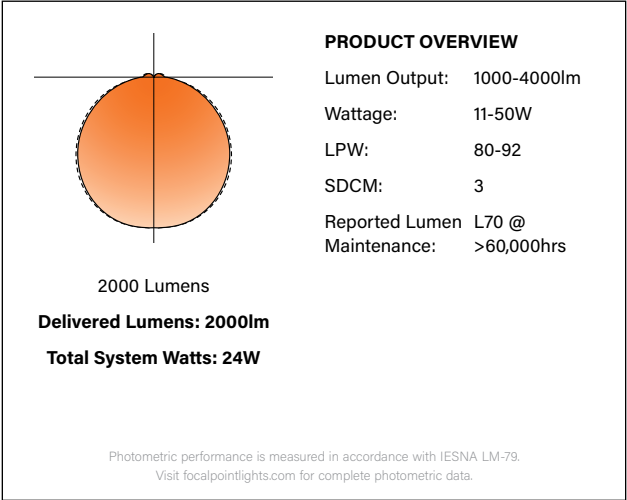
Specify the Solid drop diffuser up to 7" down from the ceiling in 1" increments or the Hollow drop diffuser from 2" to 7" below the ceiling.

Preferred Light: Lighting for better color rendition and human preference.

Pair with Nivo™ Acoustic to create a ceiling system that delivers optimal illumination and helps control noise levels.

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.
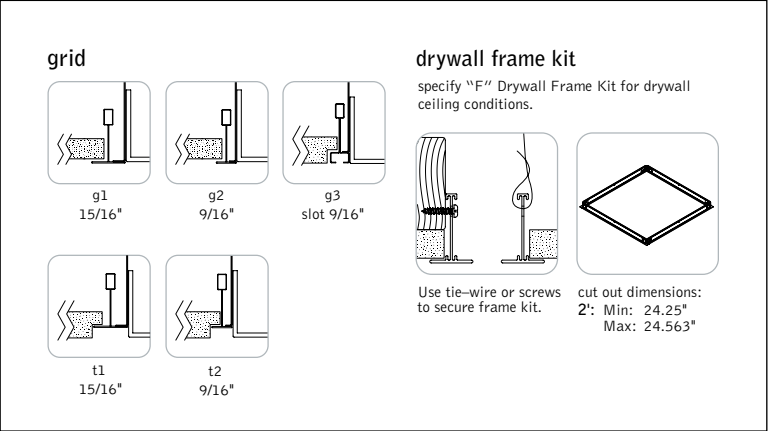
PERFORMANCE

PRODUCT OVERVIEW

Lumen Output:	1000-4000lm
Wattage:	11-50W
LPW:	80-92
SDCM:	3
Reported Lumen Maintenance:	L70 @ >60,000hrs

2000 Lumens

Delivered Lumens: 2000lm

Total System Watts: 24W

Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data.

MOUNTING INFORMATION

grid

g1 15/16"
g2 9/16"
g3 slot 9/16"

t1 15/16"
t2 9/16"

drywall frame kit

specify "F" Drywall Frame Kit for drywall ceiling conditions.

Use tie–wire or screws to secure frame kit.

cut out dimensions:
2': Min: 24.25"
     Max: 24.563"

SPECIFICATIONS

LED System
Proprietary linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 3000K, 3500K or 4000K with CRI>80. 0-10V dimming driver standard. LED modules and drivers are replaceable from below. Color accuracy <3 SDCM.

Construction
One piece 20 Ga. steel housing. Bottom access 20 Ga. steel driver compartment. Positional brackets supplied as standard. Weight: 23 lbs.

Optic
.125" thick formed frosted acrylic diffuser.

Electrical
Standard 120-277V driver includes 0-10V analog dimming, 100% - 10% range. Power factor > .9. Optional EcoSystem dimming drivers from Lutron available. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Emergency Battery
Bodine BSL310–CAN. Emergency output—10 watts for 90 minutes. Maximum mounting height: 18ft

Labels
UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only.

Finish
Polyester powder coat applied over a multi-stage pre–treatment.

Lumen Maintenance
Calculated: L70 at 128,000 hours   Reported: L70 at >60,000 hours
Derived from EPA TM-21 calculator based on 10,000 hours of test data.

Reliability
At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

Lifetime and warranty
LED system rated for operation in ambient environments up to 25°C. 5-year limited warranty.

PERFORMANCE CHART

Shielding	Delivered Lumens	System Watts	LPW
	1000	11	92
	1500	18	84
	2000	24	83
Flush	2500	30	83
	3000	37	82
	3500	44	80
	4000	50	80

*Based on 3000K. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%. Preferred Light lumen multiplier = 0.65.

ORDERING

Luminaire Series		**FNVL**
Nivo	FNVL	
Nominal Size		**22**
2' x 2'	22	
Shielding		
0" - Flush with tile, Solid Diffuser	ACZ	
1" Drop - Solid Diffuser	AC1	
2" Drop - Solid Diffuser	AC2	
2" Drop - Hollow Diffuser	AX2	
3" Drop - Solid Diffuser	AC3	
3" Drop - Hollow Diffuser	AX3	
4" Drop - Solid Diffuser	AC4	
4" Drop - Hollow Diffuser	AX4	
5" Drop - Solid Diffuser	AC5	
5" Drop - Hollow Diffuser	AX5	
6" Drop - Solid Diffuser	AC6	
6" Drop - Hollow Diffuser	AX6	
7" Drop - Solid Diffuser	AC7	
7" Drop - Hollow Diffuser	AX7	
Lumen Output		
1000 Lumens	1000L	
1500 Lumens	1500L	
2000 Lumens	2000L	
2500 Lumens	2500L	
3000 Lumens	3000L	
3500 Lumens	3500L	
4000 Lumens	4000L	
Color Temperature		
3000K	30K	
3500K	35K	
4000K	40K	
Circuit		**1C**
Single Circuit	1C	
Voltage		
120/277 Volt	UNV	
Low Voltage	LV	
Driver		
0-10V - 10% Dimming	LD1	
Low Voltage, PoE compatible	LVN	
(No driver. Not available with EM or EC. LV Voltage only)		
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
Mounting		
15/16" Layin	G1	
9/16" Layin	G2	
9/16" Slot Tee Tegular	G3	
15/16" Tegular	T1	
9/16" Tegular	T2	
Drywall Frame Kit	F	
(Cut out dimensions: Min: 24.25"/Max: 24.563")		
Factory Options		
Chicago Plenum	CP	
Emergency Battery	EM	
6' New York City Flex Whip (120V)	FNY1	
6' New York City Flex Whip (277V)	FNY2	
6' Flex Whip	FW	
Finish		**WH**
Matte Satin White	WH	

RL
PoE