

APPLICATION

AVAILABLE IN A VARIETY OF STANDARD SIZES AND OUTPUTS TO FIT ALMOST ANY APPLICATION FOR AN EASY, PLUG AND PLAY INSTALLATION. GREAT FOR ALL TYPES OF BACK-LIGHTING NEEDS: TEXTILES, STONE, ACRYLICS AND SIGNAGE. THE PLANAR OFFERS COMPLETE SYSTEM FLEXIBILITY WHICH ENABLES PROFESSIONALS TO CREATE NEW AND ORIGINAL LIGHTING PRODUCTS AND ILLUMINATED SURFACES.

CONSTRUCTED WITH SINGLE COLOR LEDs MOUNTED 1 OR 2" ON CENTER ON AN ALUMINUM SUBSTRATE FOR SUPERIOR THERMAL DISSIPATION. ADDITIONAL FEATURES ARE: ROBUST CONNECTORS AND PRE-MADE HOLES FOR EASY MOUNTING AND CONSISTENT DIODE SPACING BETWEEN PANELS. AVAILABLE IN 5 STANDARD SIZES TO CONFIGURE ANY SHAPE OR SIZE NEEDED. CUSTOM SIZES AND SHAPES ARE AVAILABLE, PLEASE CONSULT FACTORY.

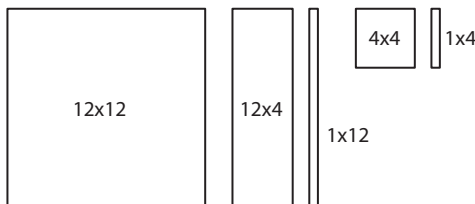
PLANAR S IS A LOW VOLTAGE, REMOTE DRIVER SYSTEM BRIGHT ENOUGH FOR GENERAL ILLUMINATION WHEN NEEDED. OPTIONAL CUSTOM HOUSINGS, LENSES AND ACRYLICS FOR UNIQUE LUMINAIRE DEVELOPMENT ARE AVAILABLE, PLEASE CONSULT FACTORY FOR NEW AND EXCITING OPTIONS.

LIGHT OUTPUT & POWER CONSUMPTION

SIZE	O.C. SPG	LUMENS	WATTS	LUMENS	WATTS	LUMENS	WATTS	LUMENS	WATTS
12x12	1"	HO 1200 lm	12W	MO 900 lm	9W	SO 500 lm	5W	EO 300 lm	3W
12x12	2"	HO 600 lm	6W	MO 450 lm	4.5W	SO 250 lm	2.5W	EO 150 lm	1.5W
12x4	1"	HO 400 lm	4W	MO 260 lm	3W	SO 197 lm	1.7W	EO 118 lm	1.02W
12x4	2"	HO 200 lm	2W	MO 130 lm	1.5W	SO 99 lm	0.85W	EO 59.4 lm	0.51W
12x1	1"	HO 100 lm	1W	MO 65 lm	0.7W	SO 50 lm	0.4W	EO 30 lm	0.24W
12x1	2"	HO 68 lm	0.5W	MO 44 lm	0.4W	SO 33 lm	0.2W	EO 19.8 lm	0.12W
4x4	1"	HO 100 lm	2W	MO 65 lm	1.5W	SO 50 lm	0.8W	EO 30 lm	0.48W
4x4	2"	HO 68 lm	1W	MO 44 lm	0.7W	SO 33 lm	0.4W	EO 19.8 lm	0.24W
4x1	1"	HO 34 lm	1W	MO 22 lm	0.7W	SO 16 lm	0.4W	EO 9.6 lm	0.24W
4x1	2"	HO 17 lm	0.5W	MO 11 lm	0.4W	SO 8 lm	0.2W	EO 4.8 lm	0.12W

VERIFY ALL WATTAGES, DIMENSIONS AND LENGTHS DUE TO RAPIDLY CHANGING TECHNOLOGY

STANDARD SIZES



QUICK FACTS

144 DIODES, 1" ON-CENTER SPACING FOR 12X12

72 DIODES, 2" HORZ, 1" VERT, O.C. SPACING FOR 12X12

82+ CRI

FULLY CONFIGURABLE FOR VARIOUS SIZES

AVAILABLE IN 2700K, 3000K, 3500K, 4000K, RED, BLUE, GREEN, AMBER

UP TO 1200 LUMENS* PER SQUARE FOOT

12W* PER SQUARE FOOT

0-10V DIMMING OR DMX OPTIONAL

OPERATING TEMPERATURE -10F TO 102F

50,000 HRL AT L70 @ 50C

70,000 HRL AT L70 @ 25C

5 YEAR LIMITED WARRANTY

ETL LISTED (UL 8750, 1598C)

SEE PLANAR ACCESSORY PAGE FOR MOUNTING OPTIONS

TUNABLE WHITE SEE "PLANAR T"

RGB AND RGBW SEE "PLANAR C"

*1" o.c. HO version

ELECTRICAL

24VDC CONSTANT VOLTAGE OUTPUT, CONSULT DRIVER SPECIFICATION SHEET FOR ADDITIONAL OPTIONS

DIMMING

0-10V DIMMING AND DMX DIMMING AVAILABLE, CONSULT DRIVER SPECIFICATION SHEET

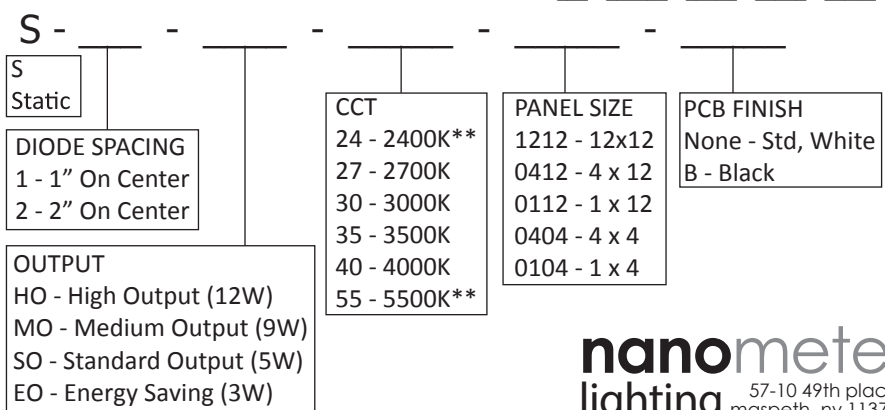
FINISH

WHITE IS STANDARD SUBSTRATE, BLACK IS OPTIONAL

ORDERING INFORMATION

Example:

S - 1 - HO - 30 - 1212 -



nanometer
lighting

57-10 49th place
maspeth, ny 11378
p. 718.497.0394
f. 718.821.9316

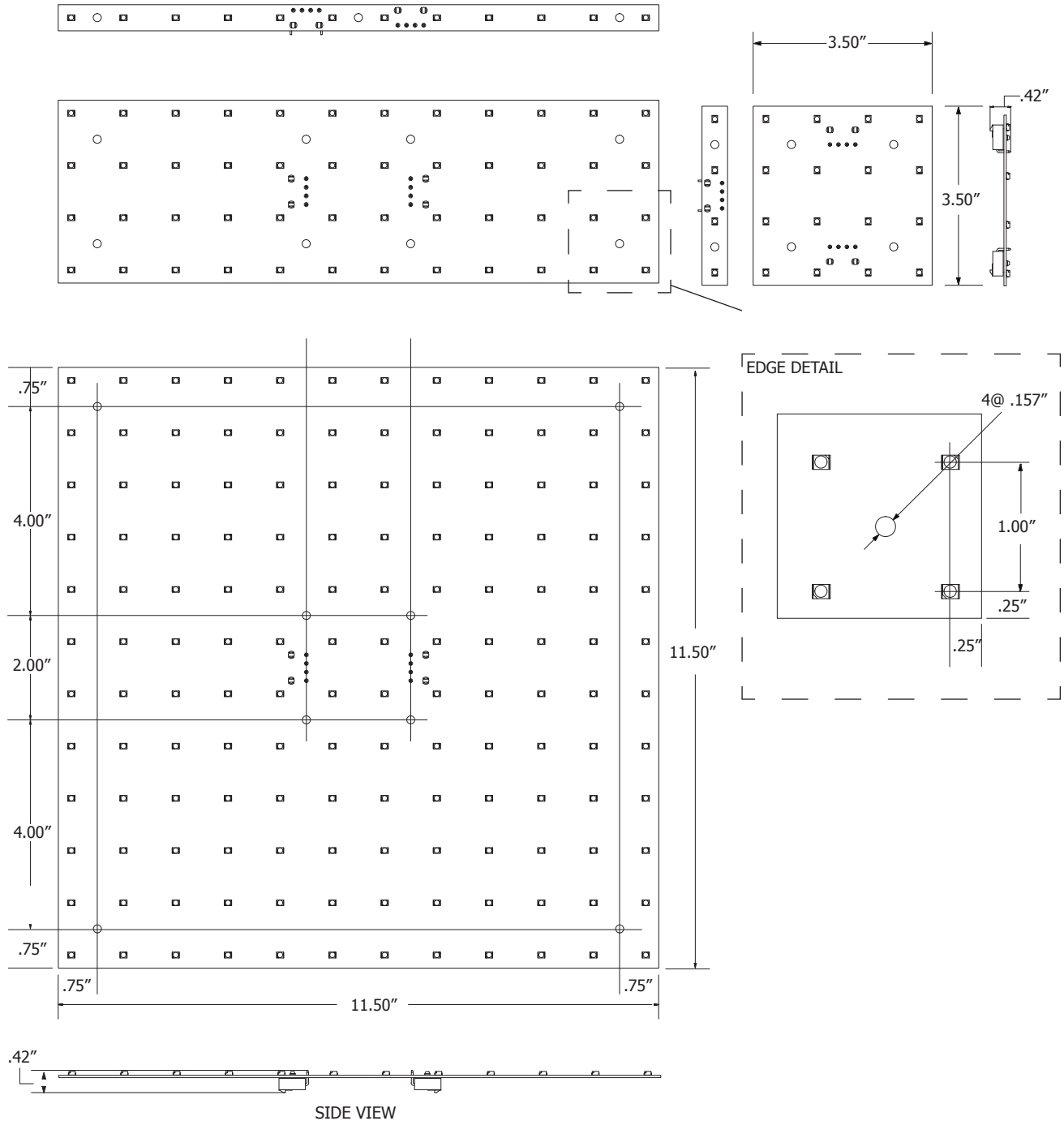
** Available as special order

Planar S

STATIC WHITE, SINGLE COLOR

DIMENSIONS

1" ON CENTER SPACING



DISCLAIMER:
BE SURE TO VERIFY ALL WATTAGES, DIMENSIONS AND LENGTHS DUE TO RAPIDLY CHANGING TECHNOLOGY
072715

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