XO Design, Iron Patio Rails

Custom length as required. All rails are primed black. Railings are used to enclose patios, core drill installation required. Rails are 36" tall after installation. Rails can be built to connect to each other or stand as separate units. Design always remains the same. Length will vary as required per layout - Please advise.



XO Patio Rails



17"

123

Glass

19"

23

Glass

Channel on one side to hold glass



SLP-13 Iron - String Light Post 12ft. tall after core-drill installation Eyelet for holding string lights Special Lengths Available

TOKISTAR'S EXHIBITOR SERIES

An Energy-Efficient Low-Voltage Lighting System For Use In All Environments



Frosted or clear globes attached to steel cable is a popular application, reminiscent of a time when strings of light were festooned over open-air markets to provide illumination.

Wedge-base xenon lamps are protected within the cover of seamless and shatterproof polycarbonate globes to provide lasting appeal. These long-life lamps provide for low maintenance and have the apparent brightness of much higher wattage lamps.

The energy savings, combined with its safe low-voltage operation, make Exhibitor Series ideally suited for use in amusement parks, shopping malls, restaurants, casinos, bridges, street decorations, promenades and more.



PRODUCT SELECTION GUIDELINES

The three key considerations in specifying the Exhibitor System are:

1. LAMP SPACING

Select the most distant lamp spacing necessary to meet the design goal. Spacing lamps closer together does not necessarily add more impact. If lamps are spaced too close together, the effect of distinct points of light will be lost from distant viewing perspectives.

2. LAMP STYLE

The proper selection is influenced by surrounding light levels and viewing distance. For long-range viewing or higher-ambient settings, the 7.5 or 4.2 watt lamp may be required. The 2.6 watt lamp is ideal for most applications

within short viewing distance.

3. VOLTAGE DROP

Since this is a low-voltage system, consideration should be given to its voltage-drop characteristics. In some cases, the best product selection may be influenced by the fixture's maximum length. Refer to the chart on the back page for this data.



Exhibitor Series can be securely mounted to any structure with our screw-down mounting disks or mounting straps For festoon applications from 1/8" or 3/16"Ø wire rope, select our mounting disk with adaptor.



VOLTAGE DROP DATA

The voltage drop chart indicates the maximum number of lamps recommended on an independent length of fixture. This chart is based upon a 5 foot lead wire from the first lamp. If additional lead wire is required, deduct that additional amount from the figures shown. For example, if you require a 15 foot lead, deduct 10 feet from the figure shown. For voltage drop data on custom spacings not shown, consult factory for recommended fixture length. All figures are based upon approximately 7% voltage drop.



MAXIMUM # OF LAMPS (FT.) PER FIXTURE

LAMP	LAMP STYLE					
SPACING	112	212	124			
6"	61 (30')	51 (25')	61 (30')			
12"	46 (45')	36 (35')	56 (55')			
24"	33 (64')	26 (50')	41 (80')			

TRANSFORMERS

Transformers are ETL Listed to UL Standard 1571 for use with lighting fixtures, and provided in Nema 3R raintight enclosures. Input voltage is 120 VAC/60 Hz. Secondary outputs are protected by fuses, with a maximum rating of 25 amps. Exhibitor Lighting fixtures are rated to a maximum of 20 amps.

PART # OUTPUT	WATTS	FUSES	LAMP CAPACITY		APPROX SIZES AND WEIGHT					
			112	212	124	LENGTH	HEIGHT	WIDTH	WEIGHT	
T12-100	12 VAC	100	1 @ 10 AMP	34	21	N/A	5"	7"	5"	10 LBS
T12-150	12 VAC	150	1 @ 15 AMP	51	31	N/A	5"	7"	5"	12 LBS
T12-300	12 VAC	300	1 @ 25 AMP	102	63	N/A	5"	7"	6"	16 LBS
T12-600	12 VAC	600	2 @ 25 AMP	206	126	N/A	5"	9"	6"	22 LBS
T24-100	24 VAC	100	1 @ 5 AMP	N/A	N/A	12	5"	7"	5"	10 LBS
T24-150	24 VAC	150	1 @ 7 AMP	N/A	N/A	18	5"	7"	5"	12 LBS
T24-300	24 VAC	300	1 @ 15 AMP	N/A	N/A	36	5"	7"	5"	16 LBS
T24-600	24 VAC	600	1 @ 25 AMP	N/A	N/A	72	5"	9"	5"	22 LBS
T24-750	24 VAC	750	2 @ 15 AMP	N/A	N/A	90	7"	9"	5"	22 LBS
T24-1000	24 VAC	1,000	2 @ 25 AMP	N/A	N/A	120	7"	9"	5"	32 LBS

NOTE: TRANSFORMER CAPACITIES INCLUDE A 10% DERATING FACTOR. CONSULT FACTORY FOR VOLTAGES/WATTAGES NOT SHOWN.

TYPICAL SYSTEM LAYOUT

The most efficient layout must take into consideration the fixture's maximum length and transformer output capacity. Longer runs of product can be operated by centrally locating transformers and feeding fixtures to either side.

30' EXBK-12-212 30' EXBK-12-212 130 WATTS/12 VOLTS 130 WATTS/12 VOLTS **T12-300 TRANSFORMER** 292- A-2008 APPROVED TOKISTAR LIGHTING[™] INC.

1561 N. Gemini Place Anaheim, California 92801 Tel: 714-772-7005 • Fax: 714-772-7014 • Toll Free: 877-340-7633 email: info@tokistar.com Internet: www.tokistar.com

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Top and Motil Frame offered together as one SKU.
Not recommended for 48" or 54" Round.

Not recommended for 54" Round.

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Madel 86/stk Seabreeze



EXHIBITOR SERIES

Montebello Town Center / Montebello, California



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Henri's collection of planters blend the bold and the delicate. Based on traditional forms in a variety of sizes and shapes, our planters will make themselves at home in any garden. Patio. deck. or entryway. Each one is rich with textured details and can be coupled with our pedestals to really stand up and be seen.



Planters



8420 HANDLE URN H. 35 in (89 cm), Base 15 in (38 cm) x 15 in (38 cm), Top Dia. 31 in (79 cm)

Shown in Aged Iron (AI)



8855 **MEDIUM HANDLE URN** H. 19 in (48 cm), Top dia. 16 in (41 cm), Base 8 in (20 cm) x 8 in (20 cm), Inside Dia. 11 in (28 cm)

Shown in Bronze Patina (BP)





8320 ITALIAN RELIEF URN H. 31 in (79 cm), Top Dia. 21 in (53 cm) Shown in Relic Lava (RL)



LARGE HANDLE URN H. 20 in (51 cm), Top Dia. 17 in (43 cm), Base 9 in (23 cm) x 9 in (23 cm), Inside Dia. 12 in (30 cm)

Shown in Elban Olivestone (EB)





8457 LARGE PLANTER BOX H. 14 in (36 cm), L. 40 in (102 cm), W. 18 in (46 cm)

84575A LARGE SAUCER L. 36 in (91 cm), W. 13.25 in (34 cm) 8456 MEDIUM PLANTER BOX H. 13.5 in (34 cm), L. 30.25 in (34 cm), W. 14.25 in (36 cm)

84565A **MEDIUM SAUCER** L. 28.5 in (72 cm), W. 11.5 in (29 cm)

All shown in Relic Sargasso (RS)



8470 LARGE SQUARE PLANTER H. 25 in (64 cm), Sq. 25.5 in (65 cm) 8570 MEDIUM SQUARE PLANTER H. 16.5 in (42 cm), Sq. 18 in (46 cm)

Both shown in Golden Moss (GM)



8800 **SQUARE FLUTED PLANTER** H. 22 in (56 cm), Top 25 in (64 cm) x 25 in (64 cm) Shown in Torce Sords (TS)

Shown in Terra Sorda (TS) (Finish not offered after 2006)

BRAVO DEVELOPMENT PRODUCT CATALOG

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944 WEST FIFTH AVENUE • COLUMBUS, OHIO 43212 PHONE 614.291.4342 • Fax 614.291.6660 www.FortinIronworks.com • Dan@FortinIronworks.com



BR-407 (4 shelf) or BR-307 (3 shelf) Iron Bakers Rack

Mounts on BC-4 or BC-6 Base Cabinets Reinforced shelves hold included 3/8" Plexiglas Specify Width up to 96" maximum



Bravo Master 2007

Base Cabinet