JUNO®

TRAC-MASTER®

Project:

Fixture Type:

Location:

Contact/Phone:

MH2® Metal Halide Trac

CONIX® T6/T4.5, G12 LAMPHOLDERS

TM113, TM114 and TM115

PRODUCT DESCRIPTION

The sleek sculptured look and style of the Conix T6 fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. Conix T6 fixtures have integral reflectors which enable either spot, flood or narrow flood distributions to be achieved with readily available T6 lamps. All fixtures relamp from the front for simplified maintenance. These lampholders have integral horizontal rotation and vertical aiming locks. All can accommodate one accessory in place of the clear glass lens provided. Modular lampholder/ballast construction offers complete configuration flexibility. This design also maximizes ballast service life by isolating it from lamp heat.

T6 ceramic metal halide lamps produce light output equivalent to halogen lamps of 3-4 times the wattage. They produce a crisp, white light in either 3000K or 4200K color temperature with a color rendering index of up to 90+. Combined with new electronic ballast technology, these lamps last up to 15,000 hours with no perceived shift in color temperature. Ceramic metal halide trac fixtures are ideal for accent and perimeter lighting from higher ceilings and/or to create dramatic accents in settings, such as display windows, where contrast with high ambient light levels are required.

PRODUCT SPECIFICATIONS

Construction Molded polycarbonate yoke • Die cast aluminum back housing • Formed steel front housing.

Socket G12 bi-pin base, ceramic PPS • 5kV rated with nickel plated contacts.

Aiming Greater than 360˚ horizontal rotation eliminates aiming dead spots • 90˚ vertical aiming capability • Vertical aiming and horizontal rotation locking screws secure lampholder position during relamping cycles.

Reflector Precision designed integral reflector provides either spot, flood or narrow flood distributions with commonly available T6 lamps • Accessory reflector assemblies available to convert from one beam distribution to another without the use of tools.

Lens Fixture includes clear glass lens.

Modular Fixture Adapter Simple, logical 3-point insertion makes connection easy • Alignment keys to guarantee proper electrical and mechanical orientation • Molded-in horizontal and vertical locking mechanisms to insure positive attachment • 4-sided 0.177 dia. nickel-plated phosphor bronze banana plugs provide a reliable connection to ballast.

Ballast TM520 or TM539 or TM550 or TM570N or TM5100 High efficiency electronic with slim-line profile • Integral on/off switch • Modular connection allows attachment to a variety of MH2® Series HID lampholders and pendants • Select appropriate ballast based on lamp wattage • Must be ordered separately • Refer to specification sheet D1.11.0 for complete specifications.

Monopoint TMM5420 or TMM5439 or TMM5470 or TMM54100 or TMM54150 Recessed or surface mount versions • High efficiency electronic • Modular connection allows attachment to a variety of MH2® Series HID lampholders and pendants • Select appropriate monopoint based on lamp wattage • Must be ordered separately • Refer to Specification sheet D1.11.50 for complete specifications.

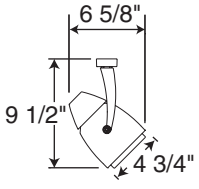
Labels UL listed, CSA certified.

Product specifications subject to change without notice.

T6 Metal Halide

Lamp 20W or 39W or 50W or 70W or 100W or 150W T6/T4.5 **G12 bi-pin base** ceramic metal halide lamp • Select appropriate ballast or monopoint as described above based on lamp wattage.

Catalog Number	Finish	Distribution	Lamp
TM113WH	White	8˚ Spot	20W or 39W or 50W or 70W or 100W or 150W T6/T4.5 Metal Halide
TM113BL	Black	8˚ Spot	20W or 39W or 50W or 70W or 100W or 150W T6/T4.5 Metal Halide
TM113SL	Silver	8˚ Spot	20W or 39W or 50W or 70W or 100W or 150W T6/T4.5 Metal Halide
TM114WH	White	42˚ Flood	20W or 39W or 50W or 70W or 100W or 150W T6/T4.5 Metal Halide
TM114BL	Black	42˚ Flood	20W or 39W or 50W or 70W or 100W or 150W T6/T4.5 Metal Halide
TM114SL	Silver	42˚ Flood	20W or 39W or 50W or 70W or 100W or 150W T6/T4.5 Metal Halide
TM115WH	White	25˚ Narrow Flood	20W or 39W or 50W or 70W or 100W or 150W T6/T4.5 Metal Halide
TM115BL	Black	25˚ Narrow Flood	20W or 39W or 50W or 70W or 100W or 150W T6/T4.5 Metal Halide
TM115SL	Silver	25˚ Narrow Flood	20W or 39W or 50W or 70W or 100W or 150W T6/T4.5 Metal Halide



ACCESSORIES

Cat. No.	Description	Cat. No.	Description	Cat. No.	Description
TMCR-T6-SP	Reflector Assembly, Spot	**TMCR-T6-NFL**	Reflector Assembly, Narrow Flood	**TMCR-T6-FL**	Reflector Assembly, Flood
T561-6	Color Filters	**T5677**	Prismatic Spread Lens	**T5678**	Linear Spread Lens
T569BL	Cube Cell Louver	**T5621**	Uniformity Lens	**T5622**	UV Filter
T5619	Dichroic Color Correction Lens (2700K)/UV Filter			**TMW Series**	Extension Wands

See specification sheet D1.2.0 and D1.2.2 for details.

JUNO LIGHTING GROUP by Schneider Electric

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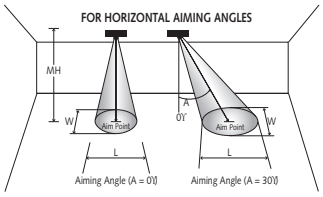
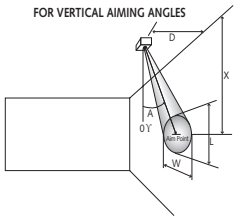
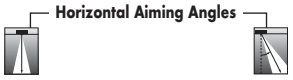
TM113, TM114 and TM115

CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30˚, 1.0 for 45˚, 1.732 for 60˚).







Lamp	Beam Type	Beam Spread°	Rated Life	CBCP	0° MH	0° FC	0° L	0° W	30° FC	30° L	30° W	30° D	30° FC	30° X	30° L	30° W	45° FC	45° X	45° L	45° W	60° D	60° FC	60° X	60° L	60° W
70W T6 G12 Ceramic Metal Halide	SP	**8°**	15000	53513	10	535	1.5	1.5	348	2.0	1.7	4	418	6.9	2.4	1.2	1182	4.0	1.2	0.8	6	965	3.5	1.2	1.0
					12	372	1.8	1.8	241	2.4	2.0	6	186	10.4	3.6	1.8	526	6.0	1.8	1.2	9	429	5.2	1.8	1.5
					14	273	2.1	2.1	177	2.7	2.4	8	105	13.9	4.8	2.3	296	8.0	2.4	1.7	12	241	6.9	2.4	2.0
					16	209	2.3	2.3	136	3.1	2.7	10	67	17.3	6.0	2.9	189	10.0	3.0	2.1	15	154	8.7	2.9	2.5
					18	165	2.6	2.6	107	3.5	3.1	12	46	20.8	7.2	3.5	131	12.0	3.5	2.5	18	107	10.4	3.5	3.1
	NFL	**25°**	15000	16270	8	254	3.5	3.5	165	4.7	4.0	2	508	3.5	4.1	1.7	1438	2.0	1.8	1.2	4	660	2.3	2.4	2.0
					10	163	4.4	4.4	106	5.9	5.0	4	127	6.9	8.1	3.5	360	4.0	3.8	2.5	6	294	3.5	3.5	3.0
					12	113	5.2	5.2	73	7.1	6.0	6	56	10.4	12.2	5.2	160	6.0	5.5	3.7	8	165	4.6	4.7	4.0
					14	83	6.1	6.1	54	8.3	7.0	8	32	13.9	16.3	7.0	90	8.0	7.3	4.9	10	106	5.8	5.9	5.0
					16	64	7.0	7.0	41	9.5	8.1	10	20	17.3	20.3	8.7	58	10.0	9.2	6.2	12	73	6.9	7.1	6.0
	FL	**42°**	15000	7765	8	121	6.1	6.1	79	8.5	7.0	2	243	3.5	10.8	3.0	686	2.0	3.6	2.2	2	1261	1.2	2.1	1.8
					10	78	7.6	7.6	50	10.7	8.8	3	108	5.2	16.2	4.6	305	3.0	5.3	3.2	3	560	1.7	3.2	2.6
					12	54	9.1	9.1	35	12.8	10.6	4	61	6.9	21.6	6.1	172	4.0	7.1	4.3	4	315	2.3	4.3	3.5
					14	40	10.7	10.7	26	14.9	12.3	5	39	8.7	**	7.6	110	5.0	8.9	5.4	5	202	2.9	5.3	4.4
					16	30	12.2	12.2	20	17.1	14.1	6	27	10.4	**	9.1	76	6.0	10.7	6.5	6	140	3.5	6.4	5.3

For 20W lamps use 0.26 multiplier.
For 39W lamps use 0.55 multiplier.
For 50W lamps use 0.82 multiplier.
For 100W lamps use 1.44 multiplier.
For 150W lamps use 2.26 multiplier.

The beam spread in degrees and the beam "L" and "W" in the following tables are computed at 50% of centerbeam candlepower and represent areas of "effective illumination."
**Due to steep aiming angle, length of beam extends beyond 25'.

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1300 S. Wolf Road • Des Plaines, IL 60018 • Phone (847) 827-9880 • Fax (847) 827-2925
220 Chrysler Drive • Brampton, Ontario • Canada L6S 6B6 • Phone (905) 792-7335 • Fax (905) 792-0064
Visit us at www.junolightinggroup.com