

# IMPERIA T4 METAL HALIDE

IM  
T4 MH

## APPLICATION:

Retail and commercial accent and display lighting

## CONSTRUCTION:

Die-cast aluminum lamp housing and base with no exposed hardware  
Extruded aluminum ballast housing  
Screw on/off lens cartridge accepts up to 2 forms of media  
Powder coat paint

## OPTICS:

High performance specular aluminum reflector  
Specially designed for T4 MH lamps offering a wide choice of beam spreads  
90° tilt, 358° rotation  
Vertical aiming angle indicator

## MOUNTING:

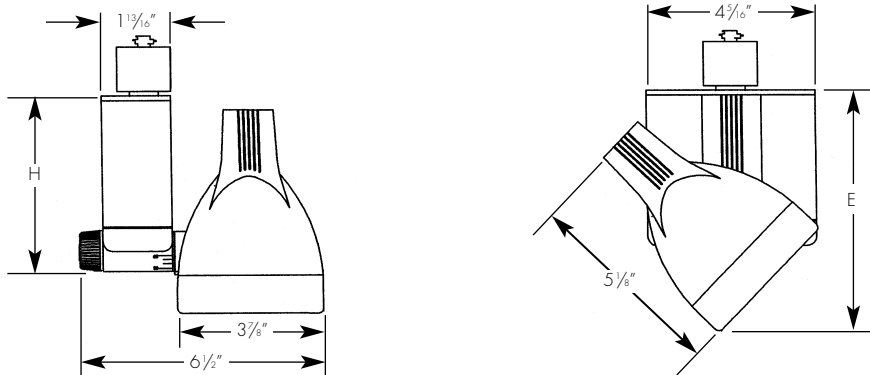
Available for track, canopy and busway

## LABELING:

cUL listed



PROJECT:  
  
TYPE:



## ELECTRICAL

Ballast	Voltage	Lamping					
		20w		39w		70w	
		Input wáts	Amps*	Input wáts	Amps*	Input wáts	Amps*
Electronic	120v	23	.20	44	.37	79	.67
	277v	22	.09	46	.17	79	.29

\*Data is for open circuit current  
T4 G8.5 base metal halide, 20w, 39w and 70w

Amerlux reserves the right to change details that do not affect overall function and performance.

	H
20w/39w	4 1/2"
70w	6 7/8"

	E
20w/39w	6 1/2"
70w	8 3/4"



## ORDERING INFORMATION:

Model	Wattage	Lamp Type	Ballast	Finish	Mounting	Voltage	Beam Spreads	Options/Accessories
IM	20 39 70	T4	E - electronic	WT - white textured BT - black textured ST - silver textured _____ (other RAL)	TN1 - Global 1cir 120v TEK - Global 2cir/2neut 120v TN3 - Global 3cir 120v TN2 - Global 2cir/2neut 277v C - canopy B - busway CCL - C-clamp _____ (other)	120 277	CL - spot VNF - very narrow flood NF - narrow flood FL - flood WF - wide flood SL - linear spread lens	GOLD - ferric gold optic reflector HEX - hexcell louver (1/8" x 1/8") SN - snoot, 3/4", specify finish FLO - front load optics

Example: IM-39-T4-E-WT-TN1-120-FL

Cat #:

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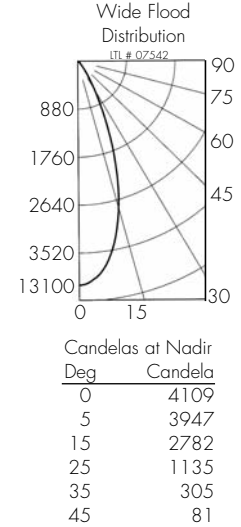
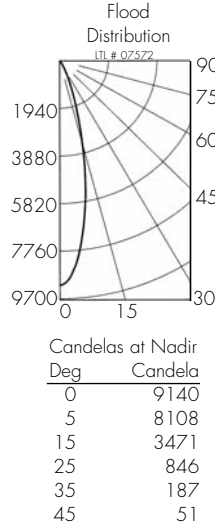
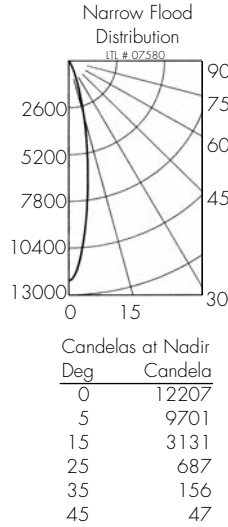
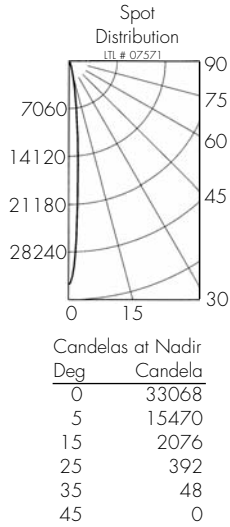
TYPE :



**FIXTURE DATA:** For 20w data, multiply by .51; For 70w data, multiply by 1.9

Complete photometric data (.ies format) available upon request.

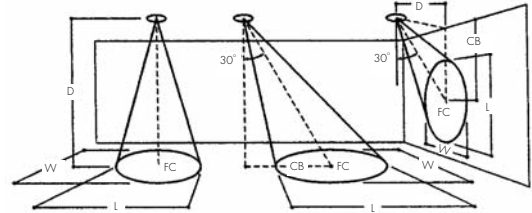
## 39W T4 MH



## APPLICATION DATA:

### Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).  
 D=Distance to floor or wall.  
 FC=Footcandles on floor or wall at center beam aiming location.  
 L=Effective Visual Beam length in feet (50% of maximum footcandle level).  
 W=Effective Visual Beam width in feet (50% of maximum footcandle level).  
 CB=Distance across or down to center beam location.



0° Aiming Angle  
Horizontal  
Footcandles



30° Aiming Angle  
Horizontal  
Footcandles



30° Aiming Angle  
Vertical  
Footcandles



60° Aiming Angle  
Vertical  
Footcandles

	0° Aiming Angle					30° Aiming Angle					30° Aiming Angle					60° Aiming Angle				
	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
SPOT	5.0'	1322	1.1	1.1		5.0'	858	1.3	1.2	2.9	3.0'	459	2.1	1.0	4.8	3.0'	2346	0.7	0.6	1.8
	7.5'	587	1.4	1.4		7.5'	382	1.7	1.5	4.3	4.0'	267	2.7	1.4	6.8	4.0'	1337	0.9	0.8	2.2
	10.0'	330	1.7	1.7		10.0'	214	2.2	1.9	5.8	5.0'	173	3.3	1.7	8.3	5.0'	841	1.2	1.0	2.7
	12.5'	211	2.0	2.0		12.5'	137	2.9	2.5	7.2	6.0'	119	4.0	2.0	9.8	6.0'	566	1.4	1.2	3.2
NARROW FLOOD	5.0'	488	1.7	1.7		5.0'	317	2.3	1.9	2.9	3.0'	203	3.3	1.9	4.2	3.0'	868	1.4	1.2	1.7
	7.5'	217	2.6	2.6		7.5'	140	3.4	3.0	4.3	4.0'	114	4.4	2.5	5.8	4.0'	497	1.8	1.6	2.2
	10.0'	122	3.4	3.4		10.0'	79	4.4	3.8	5.8	5.0'	73	5.5	3.2	7.3	5.0'	318	2.2	1.9	2.7
	12.5'	78	4.2	4.2		12.5'	51	5.5	4.8	7.2	6.0'	51	6.6	3.8	8.8	6.0'	221	2.7	2.3	3.2
FLOOD	5.0'	364	2.2	2.2		5.0'	237	2.8	2.5	2.9	3.0'	175	3.5	2.2	4.3	3.0'	652	1.7	1.5	1.7
	7.5'	162	3.2	3.2		7.5'	105	4.2	3.7	4.3	4.0'	99	4.6	2.9	2.3	4.0'	375	2.2	2.0	2.3
	10.0'	91	4.3	4.3		10.0'	61	5.5	4.8	4.7	5.0'	63	5.8	3.7	6.2	5.0'	242	2.7	2.5	2.8
	12.5'	59	5.3	5.3		12.5'	39	6.7	6.0	6.2	6.0'	44	7.2	4.6	7.8	6.0'	139	3.7	3.4	3.3
WIDE FLOOD	5.0'	164	3.2	3.2		5.0'	116	3.8	3.4	1.9	3.0'	108	3.4	2.7	3.2	3.0'	329	2.2	2.0	1.2
	7.5'	73	4.8	4.8		7.5'	53	5.5	5.1	3.3	4.0'	61	4.5	3.6	4.3	4.0'	184	2.9	2.7	1.7
	10.0'	41	6.3	6.3		10.0'	29	7.4	7.0	4.8	5.0'	39	5.7	4.6	5.2	5.0'	118	3.7	3.4	2.3
	12.5'	26	7.9	7.9		12.5'	19	9.1	8.6	5.2	6.0'	27	6.8	5.5	6.3	6.0'	82	4.4	4.1	2.7