

# RECESSED TRANSFORMER

PULL-DOWN ADJUSTABLE ED-17 METAL HALIDE

TR  
ED-17 MH

## APPLICATION:

Retail and commercial accent and display lighting

## MOUNTING:

For use in T-grid or sheet rock ceilings

## CONSTRUCTION:

Rolled steel housing painted matte black  
Stamped steel mounting plate and mounting bars  
Spun aluminum optical housing  
Die-cast lens ring  
Powder coat paint

## LABELING:

UL and CUL listed  
Damp location

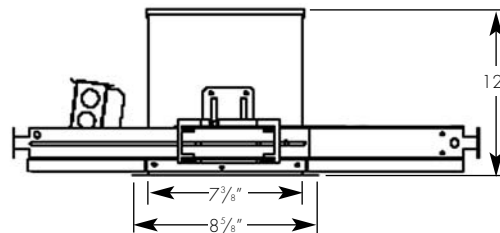
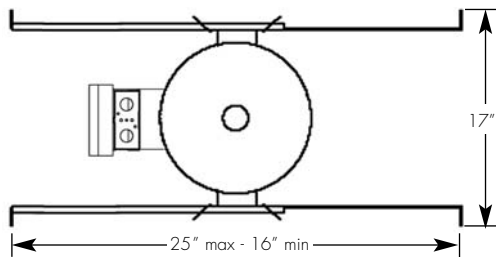


## OPTICS:

High performance specular aluminum optic reflector  
Specially designed for ED-17 lamps in a wide choice of beam spreads  
Spun semi-diffuse clear aluminum aperture cone with white flange  
90° tilt, 358° rotation

PROJECT:

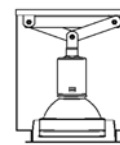
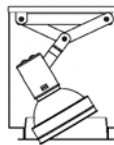
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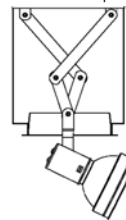
Ceiling cut out dimension: 7 1/16"

Internally Adjustable

Fully Recessed



Pull-Down Adjustable



## ELECTRICAL

Ballast	Voltage	Lamping			
		70w		100w	
		Input watts	Amps*	Input watts	Amps*
Electronic	120v	79	.67	110	.90
	277v	79	.29	110	.41

\*Data is for open circuit current

ED-17 medium base metal halide, 70w and 100w

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



## ORDERING INFORMATION:

Model	Wattage	Lamp Type	Ballast	Head Finish	Voltage	Cowl/Beam Spreads	Options/Accessories
TR	70 100	17 - ED-17	E - electronic	W - white B - black - (other RAL)	120/277U	C/CL - spot C/NF - narrow flood C/FL - flood C/WF - wide flood C/SL - linear spread lens	SUN - sunrise optic reflector GOLD - ferric gold optic reflector

Example: TR-70-17-E-W-120/277U-C/CL

Cat #:

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TYPE :

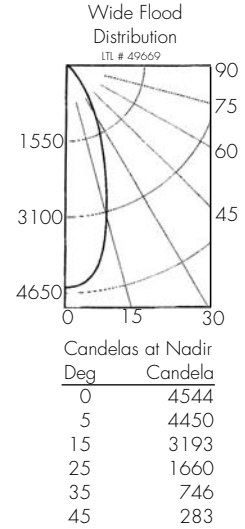
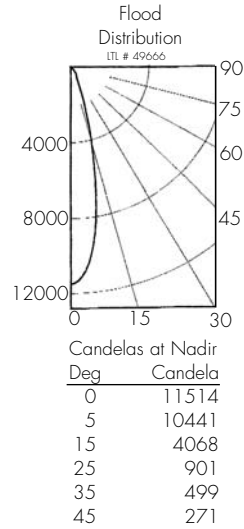
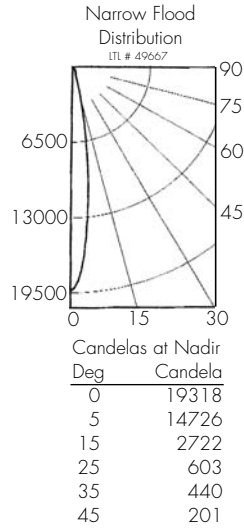
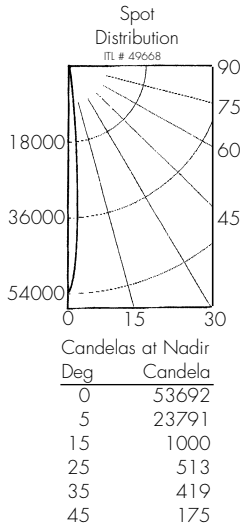


**FIXTURE DATA:**

For 100w data multiply by 1.5

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

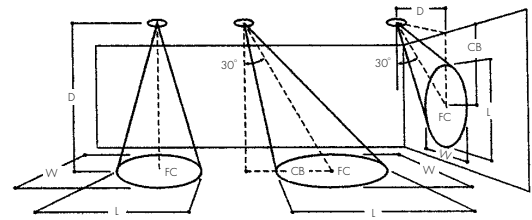
**70W ED-17 MH**



**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

	SPOT					NARROW FLOOD					FLOOD					WIDE FLOOD				
	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
SPOT	5.0'	2147	1.0	1.0	3.0	5.0'	1311	1.1	1.0	3.0	3.0'	776	1.9	1.0	4.7	3.0'	3823	0.6	0.5	1.8
	7.5'	954	1.2	1.2	4.0	7.5'	585	1.8	1.3	4.0	4.0'	436	2.5	1.3	6.8	4.0'	2183	0.8	0.7	2.3
	10.0'	536	1.5	1.5	6.0	10.0'	327	2.3	1.9	6.0	5.0'	284	3.0	1.6	8.3	5.0'	1377	1.1	0.9	2.8
	12.5'	343	2.0	2.0	7.0	12.5'	223	2.8	1.8	7.0	6.0'	198	3.6	1.9	9.7	6.0'	945	1.3	1.1	3.3
NARROW FLOOD	5.0'	772	1.4	1.4	3.0	5.0'	480	2.1	1.6	3.0	3.0'	308	2.9	1.6	4.8	3.0'	1378	1.2	1.0	1.7
	7.5'	343	2.2	2.2	4.0	7.5'	226	2.9	2.5	4.0	4.0'	175	3.8	2.2	6.3	4.0'	792	1.5	1.4	2.3
	10.0'	198	2.9	2.9	5.0	10.0'	121	4.0	3.4	5.0	5.0'	112	4.8	2.7	7.8	5.0'	509	1.9	1.7	2.7
	12.5'	123	3.7	3.7	7.0	12.5'	81	4.8	4.2	7.0	6.0'	79	5.7	3.2	9.3	6.0'	354	2.3	2.0	3.3
FLOOD	5.0'	460	2.2	2.2	3.0	5.0'	289	2.9	2.6	3.0	3.0'	228	3.3	2.1	3.8	3.0'	823	1.7	1.5	1.8
	7.5'	204	3.2	3.2	4.0	7.5'	138	4.0	3.6	4.0	4.0'	129	4.3	2.8	5.2	4.0'	475	2.2	1.9	2.3
	10.0'	115	4.2	4.2	5.0	10.0'	79	5.3	4.7	5.0	5.0'	82	5.4	3.5	6.2	5.0'	307	2.7	2.4	2.8
	12.5'	74	5.3	5.3	6.0	12.5'	50	6.6	5.9	6.0	6.0'	58	6.4	4.2	7.8	6.0'	215	3.2	2.9	3.3
WIDE FLOOD	5.0'	181	3.4	3.4	2.0	5.0'	135	3.9	3.5	2.0	3.0'	125	3.8	2.8	3.3	3.0'	376	2.3	2.1	1.3
	7.5'	81	5.0	5.0	3.0	7.5'	60	5.8	5.2	3.0	4.0'	71	5.1	3.8	4.2	4.0'	210	3.1	2.8	1.8
	10.0'	45	6.6	6.6	4.0	10.0'	34	7.7	7.0	4.0	5.0'	45	6.3	4.7	5.3	5.0'	133	3.9	3.6	2.2
	12.5'	29	8.1	8.1	5.0	12.5'	22	9.6	8.8	5.0	6.0'	31	7.6	5.6	6.3	6.0'	94	4.6	4.2	2.3