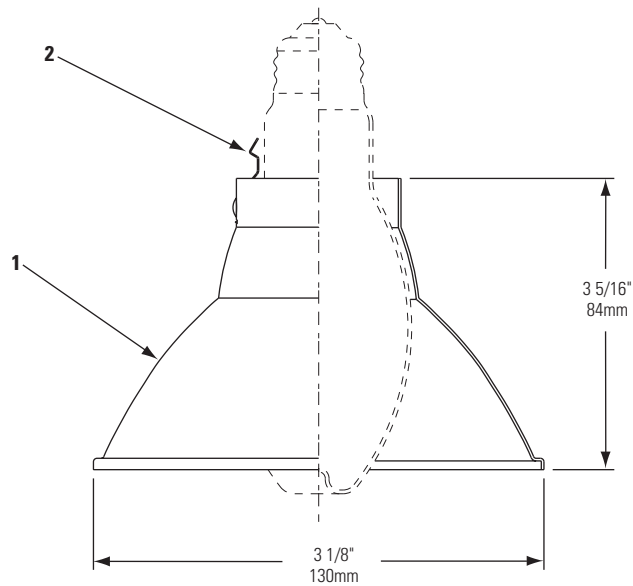




Ordering Information

Catalog No.	Finishes	Lamps
83ED17RS	Anodized	ED-17 or E-17 Clear, Protected or Unprotected Ceramic Metal Halide

Features

- Spot Reflector:** Aluminum. Faceted, specular, anodized and sealed.
- Hold Spring:** (3) steel springs hold reflector into mating luminaire.

For Use With Luminaires

Track: 8387, 8388, 8389 Metal Halide Lytespot® series.

Track: 8307, 8317, 8307U, 8317U

Semi-Recessed: SRE1770MH, SRE1710MH

Recessed Pull Down: PDE1770MH, PDE1710MH

Finish

Specular Anodized and Sealed.

Labels

UL, cUL

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:



AIMING ANGLE:

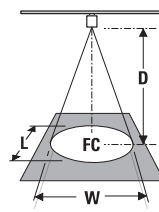
L Beam Length
W Beam Width
C Distance to center beam

D Distance
A Aiming Angle
FC Footcandles

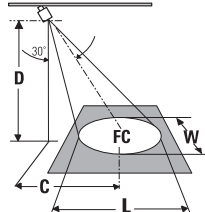
L and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.

Lamp data shown is typical. Consult lamp manufacturers for availability and performance.

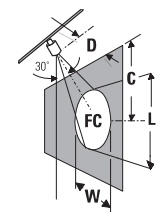
0° Horizontal



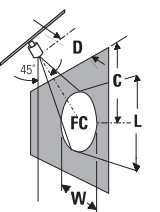
30° Horizontal



30° Vertical



45° Vertical



Spot - When used in Lytespot Series Luminaires. Data for 70W ED17 Master Color Ceramic Metal Halide Philips Protected (Clear) Lamp.

Lamp	0° Horizontal Aiming				30° Horizontal Aiming				30° Vertical Aiming				45° Vertical Aiming									
	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)		D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W				
  12° X 12°	38,807	10,000		10'	388	2.1'	2.1'	8'	4.6'	394	2.3'	1.9'	4'	6.9'	303	3.5'	1.7'	6'	6'	381	2.6'	1.8'
				15'	172	3.2'	3.2'	12'	6.9'	175	3.4'	2.9'	6'	10.4'	135	5.2'	2.5'	9'	9'	169	3.8'	2.7'
				20'	97	4.2'	4.2'	16'	9.2'	98	4.5'	3.9'	8'	13.9'	76	7.0'	3.4'	12'	12'	95	5.1'	3.6'
				25'	62	5.3'	5.3'	20'	11.5'	63	5.6'	4.9'	10'	17.3'	49	8.7'	4.2'	15'	15'	61	6.4'	4.5'

For 50W: Multiply values by .69 Rated Lamp Life 10,000

For 100W: Multiply values by 1.5 Rated Lamp Life 12,500

Spot - When used in Metallics® Series Luminaires. Data for 70W ED17 Master Color Ceramic Metal Halide Philips Protected (Clear) Lamp.

Lamp	0° Horizontal Aiming				30° Horizontal Aiming				30° Vertical Aiming				45° Vertical Aiming										
	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)		D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W					
  11° X 11°	46,419	10,000			10'	464	1.9'	1.9'	8'	4.6'	471	2.1'	1.8'	3'	5.2'	645	2.4'	1.2'	5'	5'	656	1.9'	1.4'
					15'	206	2.9'	2.9'	12'	6.9'	209	3.1'	2.7'	4'	6.9'	363	3.2'	1.5'	7'	7'	335	2.7'	1.9'
					20'	116	3.9'	3.9'	16'	9.2'	118	4.1'	3.6'	5'	8.7'	232	4.0'	1.9'	9'	9'	203	3.5'	2.5'
					25'	74	4.8'	4.8'	20'	11.5'	75	5.2'	4.4'	6'	10.4'	161	4.8'	2.3'	11'	11'	136	4.3'	3.0'

For 50W: Multiply values by .69 Rated Lamp Life 10,000

For 100W: Multiply values by 1.5 Rated Lamp Life 12,500

Spot - When used in 8307U and 8317U Luminaires. Data for 70W ED17 Master Color Ceramic Metal Halide Philips Protected (Clear) Lamp for Enclosed Luminaires.

Lamp				0° Horizontal Aiming				30° Horizontal Aiming				
	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	D	FC	L	W	D	C	FC	L	W
		41,791	10,000	10'	418	1.9'	1.9'	8'	4.6'	424	2.1'	1.8'
				15'	186	2.9'	2.9'	12'	6.9'	189	3.1'	2.7'
				20'	104	3.9'	3.9'	16'	9.2'	106	4.1'	3.6'
				25'	67	4.8'	4.8'	20'	11.5'	68	5.2'	4.4'

30° Vertical Aiming						45° Vertical Aiming					
D	C	FC	L	W		D	C	FC	L	W	
3'	5.2'	580	2.4'	1.2'		5'	5'	591	1.9'	1.4'	
4'	6.9'	326	3.2'	1.5'		7'	7'	302	2.7'	1.9'	
5'	8.7'	206	4.0'	1.9'		9'	9'	182	3.5'	2.5'	
6'	10.4'	145	4.8'	2.3'		11'	11'	122	4.3'	3.0'	

For 50W: Multiply values by .69
Rated Lamp Life 10,000

For 100W: Multiply values by 1.5
Rated Lamp Life 12,500

For 50W: Multiply values by .69

Rated Lamp Life 10,000

For 100W: Multiply values by 1.5

Rated Lamp Life 12,500

Job Information

Type:

Lightolier a Genlyte Thomas Company

www.lightolier.com

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We reserve the right to change details of design, materials and finish.

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