

Ellipse Size A - Metal Halide T6 Lamp

LAMP:

150W Clear T6 Metal Halide

Horizontal Position, 14,000

Lumens

REFLECTOR:

■ Segmented Specular

Aluminum

■ Internal reflector is not

Adjustable

■ Optical Housing is

Adjustable

MULTIPLIER FOR OTHER

LAMPS:

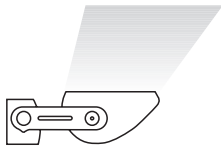
35W (33W/G12/T6) = 0.24

70W (70W/G12/T6) = 0.47

100W (100W/G12/T6) = 0.64

WALL MOUNTED

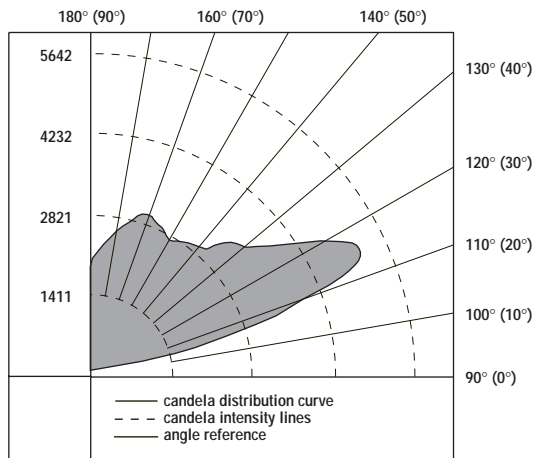
FORWARD THROW
(Clear Lens)



**ELA152MA
ESA152MA
SHA152MA**

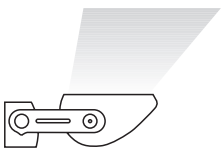
TEST NUMBER: ITL52035

ZONAL LUMEN SUMMARY			
Zonal	Lumens	%Lamp	% Fixt.
0-30	0	0.0	0.0
0-40	0	0.0	0.0
0-60	0	0.0	0.0
0-90	13	0.1	0.1
90-120	3929	28.1	39.6
90-130	5512	39.4	55.6
90-150	8188	58.5	82.6
90-180	9900	70.7	99.9
0-180	9914	70.8	100.0
TOTAL LUMINARE EFFICIENCY= 70.8%			



WALL MOUNTED

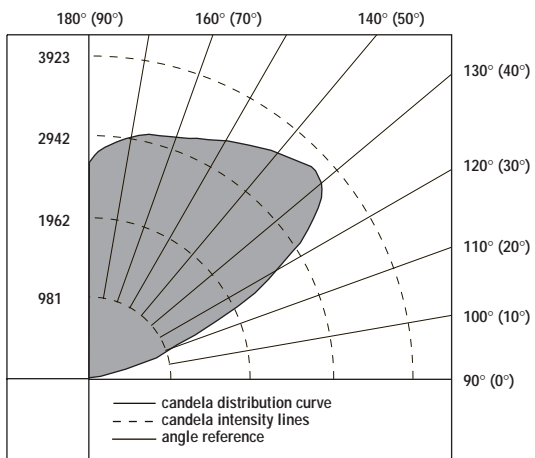
STANDARD THROW
(Stippled Lens)



**ELA154MA
ESA154MA
SHA154MA**

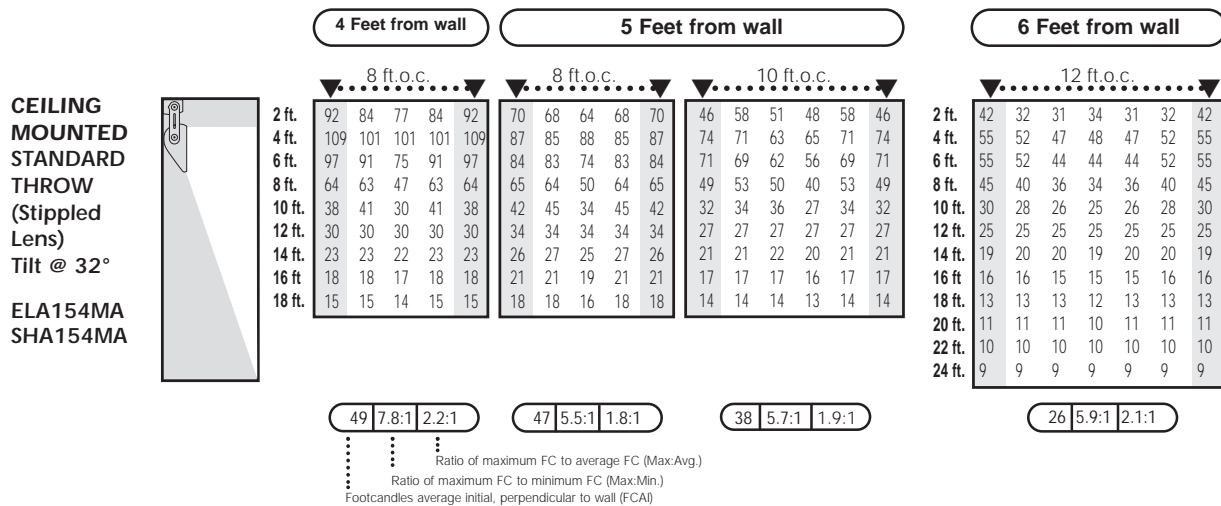
TEST NUMBER: ITL52158

ZONAL LUMEN SUMMARY			
Zonal	Lumens	%Lamp	% Fixt.
0-30	0	0.0	0.0
0-40	0	0.0	0.0
0-60	0	0.0	0.0
0-90	0	0.0	0.0
90-120	2039	14.6	22.1
90-130	3721	26.6	40.3
90-150	6985	49.9	75.6
90-180	9244	66.6	100.0
0-180	9244	66.6	100.0
TOTAL LUMINARE EFFICIENCY= 66%			



Ellipse Size A - Metal Halide T6 Lamp

Charts below illustrate the center section of a wall lighted by 6 or more luminaires. Values based on ceiling, wall and floor reflective factors of 0.80/0.50/0.20



Ellipse Size A - Halogen T4 Lamp

LAMP:

250W Frosted T4 Halogen
Horizontal Position, 4,850 Lumens

REFLECTOR:

- Segmented Specular Aluminum
- Internal reflector is not Adjustable
- Optical Housing is Adjustable

MULTIPLIER FOR OTHER LAMPS:

100W (100 Q/DC) = 0.32
150W (150 Q/DC) = 0.56

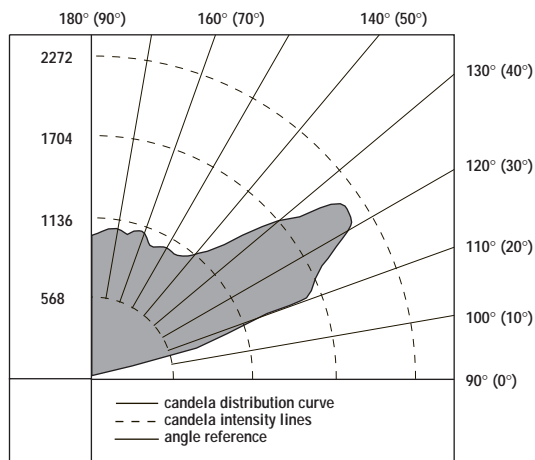
**WALL MOUNTED
FORWARD THROW
(Clear Lens)**



**ELA252HA
ESA252HA
SHA252HA**

TEST NUMBER: ST02018

ZONAL LUMEN SUMMARY			
Zonal	Lumens	%Lamp	% Fixt.
0-30	0	0.0	0.0
0-40	0	0.0	0.0
0-60	0	0.0	0.0
0-90	0	0.0	0.0
90-120	1370	28.3	35.6
90-130	2059	42.5	53.5
90-150	3111	64.1	80.8
90-180	3841	79.2	99.8
0-180	3851	79.4	100.0
TOTAL LUMINARE EFFICIENCY= 79.4%			



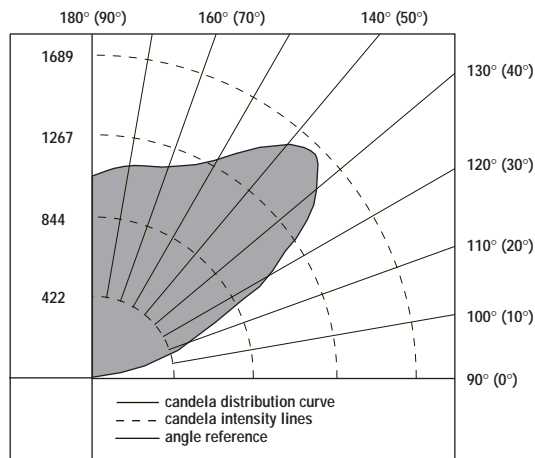
**WALL MOUNTED
STANDARD THROW
(Stippled Lens)**



**ELA254HA
ESA254HA
SHA254HA**

TEST NUMBER: ST02019

ZONAL LUMEN SUMMARY			
Zonal	Lumens	%Lamp	% Fixt.
0-30	0	0.0	0.0
0-40	0	0.0	0.0
0-60	0	0.0	0.0
0-90	0	0.0	0.0
90-120	692	14.3	19.6
90-130	1332	27.5	37.6
90-150	2651	54.7	74.9
90-180	3534	72.9	99.9
0-180	3539	73.0	100.0
TOTAL LUMINARE EFFICIENCY= 73%			

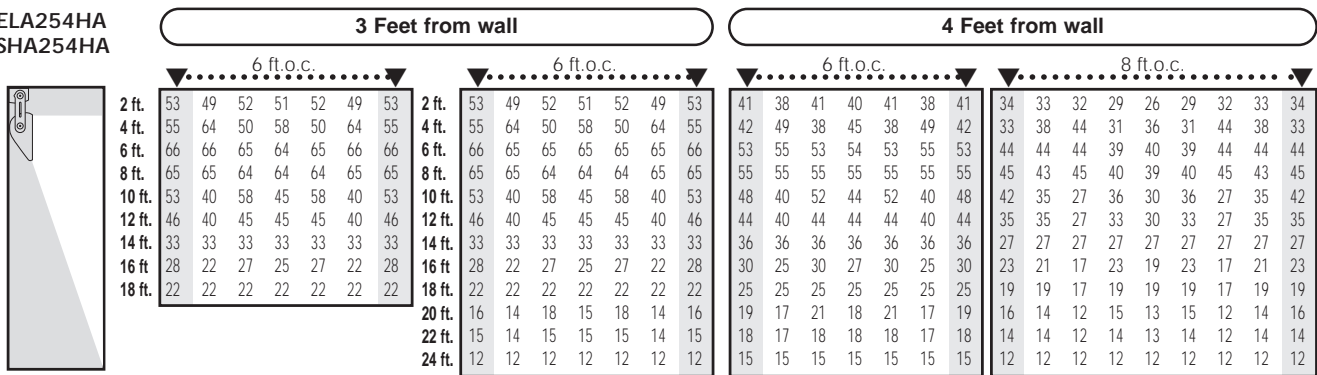


Ellipse Size A - Halogen T4 Lamp

Charts below illustrate the center section of a wall lighted by 6 or more luminaires. Values based on ceiling, wall and floor reflective factors of 0.80/0.50/0.20

**CEILING
MOUNTED
STANDARD
THROW
(Stippled Lens)
Tilt @ 32°**

**ELA254HA
SHA254HA**



45 | 3.5:1 | 2.4:1

40 | 5.4:1 | 3.2:1

35 | 3.7:1 | 2.3:1

26 | 3.8:1 | 2.2:1

Ratio of maximum FC to average FC (Max:Avg.)
Ratio of maximum FC to minimum FC (Max:Min.)
Footcandles average initial, perpendicular to wall (FCAI)