



Industrial

Fluorescent High Bay

T5HO



Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

The SHE Fluorescent High Bay luminaire features 95% reflective aluminum reflectors and a solid enclosure design for an efficient alternative in industrial lighting applications.

### Ordering guide

Example: SHE654HO-UNV-1/42-EB-GENRS-CORD

Family	Lamping (not included)	Lamp type / Wattage	Voltage	Ballast	Options
<b>SHE</b>	<input type="checkbox"/>	<b>54HO</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>GENRS-CORD</b>
<b>SHE</b> Fluorescent High Bay	<b>4</b> 4 lamps <b>6</b> 6 lamps	<b>54HO</b> 54WT5HO (46")	<b>UNV</b> Universal voltage 120-277v <b>347</b> 347 volt	<b>1/4-EB</b> One 4 Lamp Electronic Ballast <b>1/42-EB</b> One 4 Lamp and one 2 lamp Electronic Ballasts	<b>GENRS</b> Generic electronic ballast <b>CORD</b> 6 foot cord (no plug)

### Accessories (order separately)

**SHE4L** Single Door with Clear Acrylic Lens (4 lamp unit)

**SHE6L** Single Door with Clear Acrylic Lens (6 lamp unit)

### Construction / Finish

- Enclosed housing design.
- Suitable for chain mounting only. Can not be surface mounted.
- Housing is multi-stage phosphate treated for maximum corrosion resistance and finish coat is high reflectance baked white enamel.
- 1.5" deep individual cavity reflectors are made from high reflectance, specular aluminum.
- Top access plate standard.
- "V" Hook included.
- Suitable for row-mounting.
- Optional lens available.

### Electrical

- Energy saving electronic ballasts are standard.
- Complete with 6 ft cord (no plug).

### Labels

- cULus listed for damp locations and 40° C ambient.

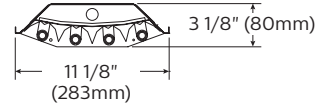
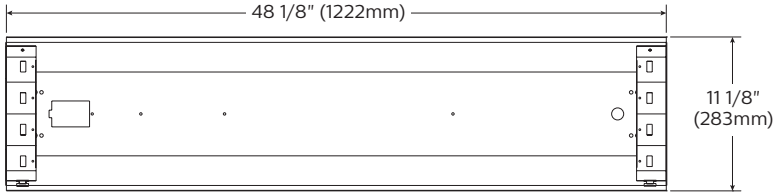


# SHE Fluorescent High Bay

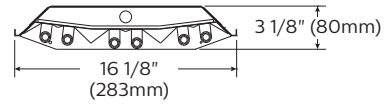
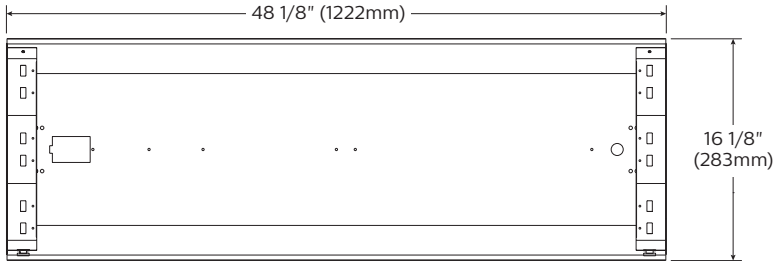
T5HO

## Dimensions

### 4 Lamp configuration



### 6 Lamp configuration



## Photometry

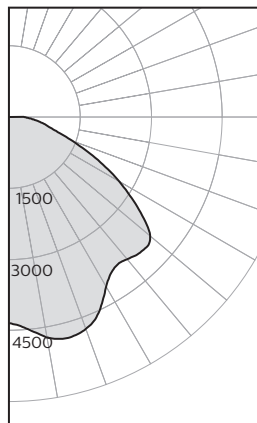
### Fluorescent High Bay 4 lamp T5HO

Efficiency – 80.7% LER – 68

- Catalog no.** SHE454HO
- Test no.** LSCD956
- S/MH** 1.4
- Lamp type** T5HO\*54W
- Lumens/Lamp** 4400
- Ballast factor** 1.0
- Input watts** 277

Comparative yearly lighting energy cost per 1000 lumens – \$3.53 based on 3000 hrs. and \$.08 pwr KWH.

### Candela curve



### Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	6377	23.88	29.48
0-40	9760	36.56	45.12
0-60	16111	60.34	74.48
0-90	21630	81.01	100.00
90-180	0	0.00	0.00
0-180	21630	81.01	100.00

### Average Luminance

Angle	End	45°	Cross
45	17146	10653	11136
55	16082	10724	13084
65	14084	12693	15706
75	10417	14845	16861
85	3658	15145	17492

### Coefficients of utilization

Ceiling	80%			70%			50%	
	70	50	30	70	50	30	50	30
<b>RCR</b>	Zonal cavity method - Effective floor reflectance = 20%							
0	96	96	96	94	94	94	90	90
1	88	84	81	86	83	79	79	77
2	80	74	69	78	72	67	69	65
3	73	65	59	71	64	58	62	57
4	67	58	51	65	57	50	55	49
5	61	51	44	59	50	43	48	42
6	56	45	38	55	45	38	43	37
7	52	41	33	50	40	33	39	32
8	48	36	29	46	36	29	35	29
9	44	33	26	43	32	26	31	25
10	40	30	23	40	29	23	28	22

# SHE Fluorescent High Bay

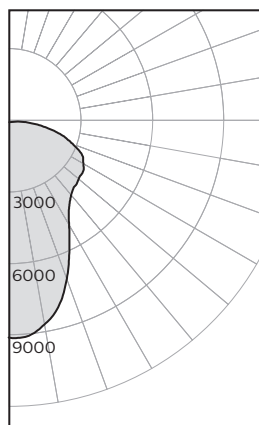
T5HO

## Fluorescent High Bay 6 lamp T5HO

Efficiency – 81.0% LER – 69

**Catalog no.** SHE654HO  
**Test no.** LSCD957  
**S/MH** 0.9  
**Lamp type** T5HO\*54W  
**Lumens/Lamp** 4400  
**Ballast factor** 1.0  
**Input watts** 334

Candela curve



Comparative yearly lighting energy cost per 1000 lumens – \$3.48 based on 3000 hrs. and \$.08 pwr KWH.

## Light Distribution

Degrees	Lumens	%Lamp	%Luminaire
0-30	6377	23.88	29.48
0-40	9760	36.56	45.12
0-60	16111	60.34	74.48
0-90	21630	81.01	100.00
90-180	0	0.00	0.00
0-180	21630	81.01	100.00

## Average Luminance

Angle	End	45°	Cross
45	17146	10653	11136
55	16082	10724	13084
65	14084	12693	15706
75	10417	14845	16861
85	3658	15145	17492

## Coefficients of utilization

Ceiling	80%			70%			50%	
Wall	70	50	30	70	50	30	50	30
<b>RCR</b>	<b>Zonal cavity method - Effective floor reflectance = 20%</b>							
0	96	96	96	94	94	94	90	90
1	88	84	80	86	82	79	79	76
2	80	74	68	78	72	67	69	65
3	73	65	58	71	64	58	61	56
4	67	58	51	66	57	50	55	49
5	62	51	44	60	50	44	49	43
6	57	46	39	55	45	39	44	38
7	53	42	35	52	41	35	40	34
8	49	38	31	48	37	31	36	30
9	45	34	28	44	34	27	33	27
10	42	31	25	41	31	25	30	24



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org)

