

**3, 4 & 6 Lamp
T8 OR T5HO**

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

CONSTRUCTION/FINISH

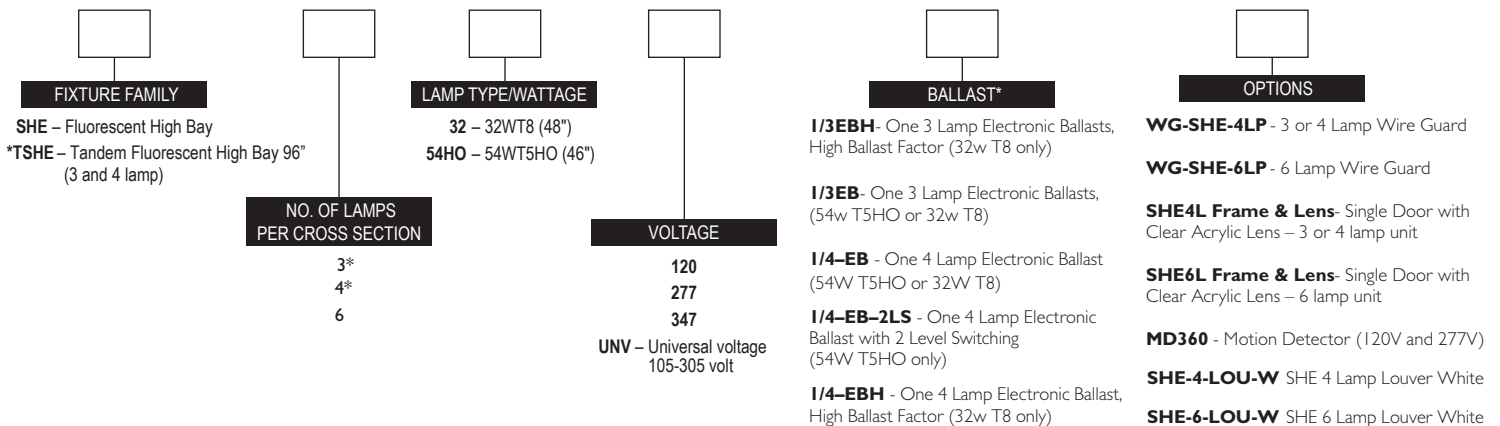
- Enclosed housing design
- Suitable for chain mounting only. Can not be surface mounted
- Housing is multi-stage phosphate treated for maximum corrosion resistance and finish coat is high reflectance baked white enamel
- 1.5" deep individual cavity reflectors are made from high reflectance, specular aluminum Miro 4
- Top access plate standard
- "V" Hook included
- Suitable for row-mounting
- Optional wireguard or lens available

ELECTRICAL

- cUL listed for damp locations and 40° C ambient
- Energy saving electronic ballasts are standard
- Complete with 6 ft cord (no plug)

Sample Catalogue Number: TSHE332-UNV-1/42EBH-WG-SHE-4LP

CATALOG NUMBER



ENERGY DATA

LAMP WATTS	BALLAST TYPE	INPUT WATTS	Size	Family	Lamps Cross Section	Lamp
32	1/3 EBH	110	4	SHE	3,4,6	32, 54HO
	1/4-EBH	146	8*	TSHE	3,4	32, 54HO
	1/42-EBH	220				
	1/4 EB	112				
	2/4-EBH	292				
	2/4-EB	224				
	1/42-EB	171				
	1/3-EB	85				
54	1/4 EB	240				
	2/4 EB	480				
	1/42 EB	358				
	1/3-EB	182				

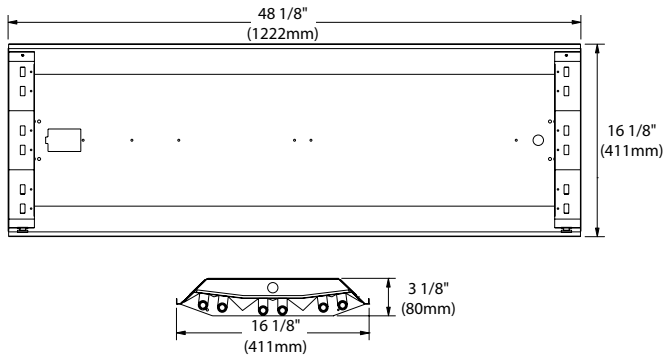
- 2/2-EBH** - Two 2 Lamp Electronic Ballasts, High Ballast Factor (32W T8 only)
- 2/3-EB** - Two 3 Lamp Electronic Ballasts, (54W T5HO or 32W T8)
- 2/3-EBH** - Two 3 Lamp Electronic Ballasts, High Ballast Factor (32W T8 only)
- 1/42-EB** - One 4 Lamp and one 2 lamp Electronic Ballasts (54W T5HO or 32w T8)
- 1/42-EBH** - One 4 Lamp and one 2 Lamp Electronic Ballasts, High Ballast Factor (32w T8 only)
- 2/4EB** - Two 4 Lamp Electronic Ballasts, (54w T5HO or 32w T8)
- 2/4EBH** - Two 4 Lamp Electronic Ballast High Ballast Factor (32w T8 only)

General Notes:
All options are field installed.

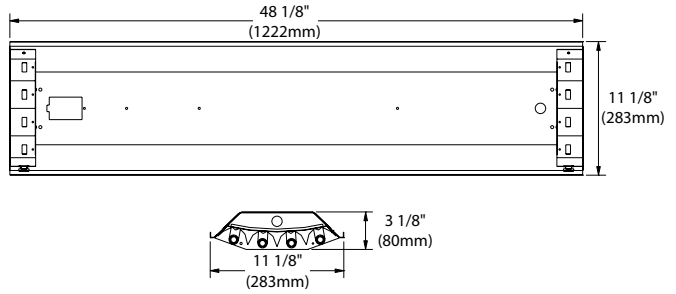
Job name:

Type:

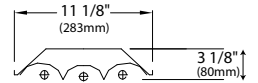
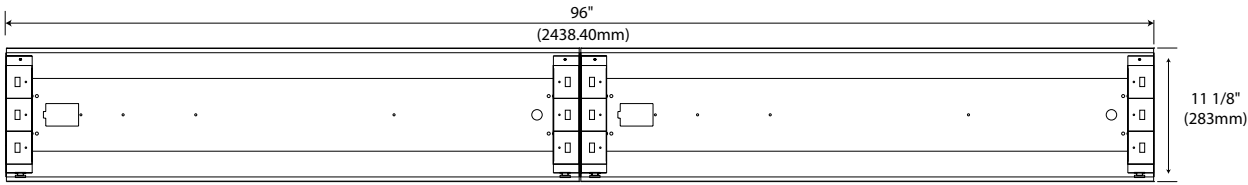
DIMENSIONS 6 LAMPS



DIMENSIONS 3 or 4 LAMPS C 0609.3



DIMENSIONS 6 and 8 LAMPS

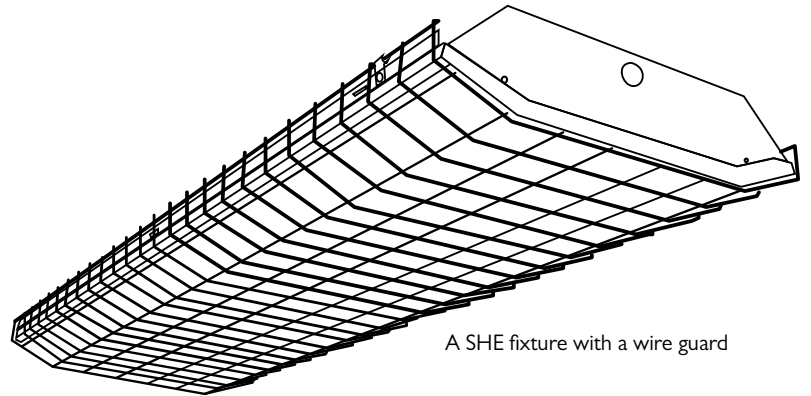


ACCESSORIES

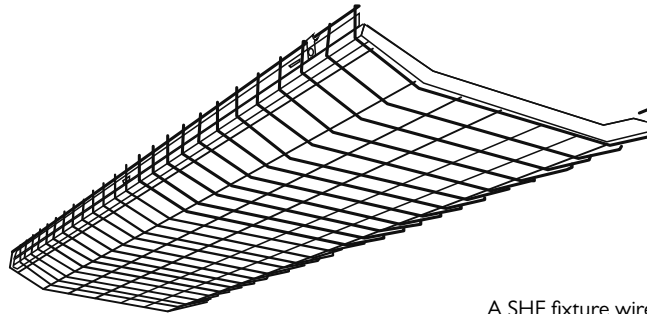
MD360 – Motion Detector UNV, (120-277V), 347v
 (field installed, ordered separately)



MD360



A SHE fixture with a wire guard



A SHE fixture wire guard

PHOTOMETRIC DATA

CATALOG # SHE454HO
TEST #LSCD956

S/MH = 1.4

LAMPS = T5HO*54W
BALLAST = ELECTRONIC

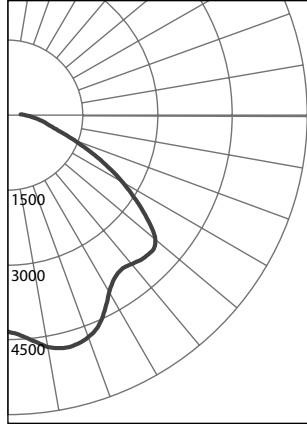
INPUT WATTS = 227
BALLAST FACTOR = 1.00

LER = FP-68

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$3.53 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY= 80.7%

DISTRIBUTION CURVE



COEFFICIENT OF UTILIZATION

fc	20	70			50
pcc	80	70	50	30	50
pw	70	50	30	70	50
RCR	0	96	96	96	94
1	88	84	81	86	83
2	80	74	69	78	72
3	73	65	59	71	64
4	67	58	51	65	57
5	61	51	44	59	50
6	56	45	38	55	45
7	52	41	33	50	40
8	48	36	29	46	36
9	44	33	26	43	32
10	40	30	23	40	29

AVERAGE BRIGHTNESS

ANGLE	END	45°	CROSS
45	12711	14112	17072
55	11902	16069	16950
65	10658	14989	12907
75	8448	9807	8847
85	3539	7898	9032

LIGHT DISTRIBUTION

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	3669	20.62	25.56
0-40	6023	33.84	41.95
0-60	11149	62.64	77.64
0-90	14359	80.67	100.00
90-180	0	0	0
0-180	14359	80.67	100.00

PHOTOMETRIC DATA

CATALOG # SHE654HO
TEST #LSCD957

S/MH = 0.9

LAMPS = T5HO*54W
BALLAST = ELECTRONIC

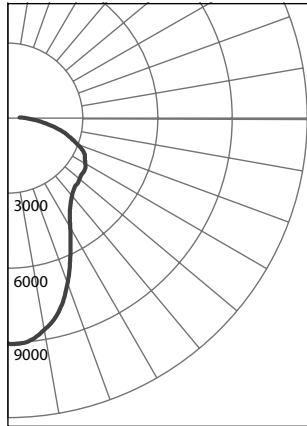
INPUT WATTS = 334
BALLAST FACTOR = 1.00

LER = FP-69

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$3.48 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY= 81.0%

DISTRIBUTION CURVE



COEFFICIENT OF UTILIZATION

fc	20	70			50
pcc	80	70	50	30	50
pw	70	50	30	70	50
RCR	0	96	96	96	94
1	88	84	80	86	82
2	80	74	68	78	72
3	73	65	58	71	64
4	67	58	51	66	57
5	62	51	44	60	50
6	57	46	39	55	45
7	53	42	35	52	41
8	49	38	31	48	37
9	45	34	28	44	34
10	42	31	25	41	31

AVERAGE BRIGHTNESS

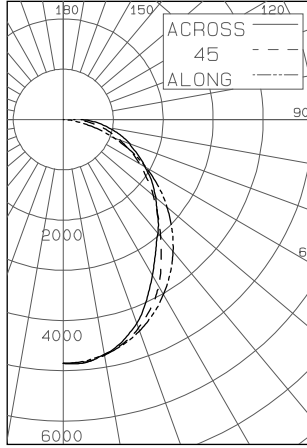
ANGLE	END	45°	CROSS
45	17146	10653	11136
55	16082	10724	13084
65	14084	12693	15706
75	10417	14845	16861
85	3658	15145	17492

LIGHT DISTRIBUTION

DEGREES	LUMENS	% LAMP	% FIXTURE
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	0
0-180	21630	81.01	100.00

PHOTOMETRIC DATA CATALOG # SHE354HO-UNV-1/4EB-GENRS LAMPS = 3 T5HO INPUT WATTS = 184.4 **LER = 69.57**
 TEST LSC E651 S/MH = 1.1 BALLAST = ELECTRONIC BALLAST FACTOR = 1
 COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = 3.45 BASED ON 3000 HRS. AND \$.08 PER KWH. **FIXTURE EFFICIENCY = 96.1%**

DISTRIBUTION CURVE



COEFFICIENT OF UTILIZATION

pfc	20							70							50			
pcc	80							70							50			
pw	70	50	30	70	50	30	50	30	70	50	30	50	30					
RCR	0	1.14	1.14	1.14	1.12	1.12	1.12	1.07	1.07	1	1.05	1.00	.96	1.02	.98	.94	.94	.91
	2	.95	.88	.82	.93	.86	.80	.82	.78	3	.87	.78	.70	.85	.76	.69	.74	.68
	4	.80	.69	.61	.78	.68	.61	.66	.59	5	.74	.62	.53	.72	.60	.52	.58	.51
	6	.68	.55	.47	.66	.54	.46	.53	.45	7	.63	.50	.42	.61	.49	.41	.48	.40
	8	.58	.45	.37	.56	.44	.36	.43	.36	9	.53	.41	.32	.52	.40	.32	.39	.32
	10	.50	.37	.29	.49	.36	.29	.35	.28									

AVERAGE BRIGHTNESS

ANGLE	END	45°	CROSS
45	13867	11782	11649
55	12927	10994	11515
65	11348	10677	11543
75	8592	10797	12804
85	3028	13193	17100

LIGHT DISTRIBUTION

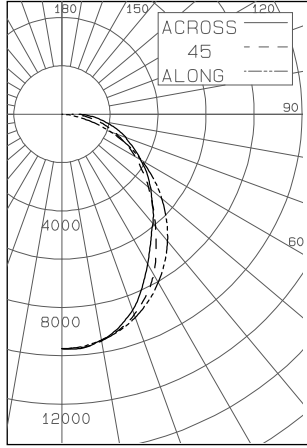
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	3657	27.40	28.51
0-40	5818	43.58	45.35
0-60	9875	73.98	76.97
0-90	12829	96.10	100.00
90-180	0	0.	0.
0-180	12829	96.10	100.00

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PHOTOMETRIC DATA CATALOG # TSHE354HO-UNV-1/4EB-GENRS LAMPS = 6 T5HO INPUT WATTS = 368.8 **LER = 69.57**
 TEST LSC E652 S/MH = 1.1 BALLAST = ELECTRONIC BALLAST FACTOR = 1
 COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = 3.45 BASED ON 3000 HRS. AND \$.08 PER KWH. **FIXTURE EFFICIENCY = 96.1%**

DISTRIBUTION CURVE



COEFFICIENT OF UTILIZATION

pfc	20							70							50			
pcc	80							70							50			
pw	70	50	30	70	50	30	50	30	70	50	30	50	30					
RCR	0	1.14	1.14	1.14	1.12	1.12	1.12	1.07	1.07	1	1.05	1.0	.96	1.02	.98	.94	.94	.91
	2	.95	.88	.82	.93	.86	.80	.82	.78	3	.87	.78	.70	.85	.76	.69	.74	.68
	4	.80	.69	.61	.78	.68	.61	.66	.59	5	.74	.62	.53	.72	.60	.52	.58	.51
	6	.68	.55	.47	.66	.54	.46	.53	.45	7	.63	.50	.42	.61	.49	.41	.48	.40
	8	.58	.45	.37	.56	.44	.36	.43	.36	9	.53	.41	.32	.52	.40	.32	.39	.32
	10	.50	.37	.29	.49	.36	.29	.35	.28									

AVERAGE BRIGHTNESS

ANGLE	END	45°	CROSS
45	13867	11782	11649
55	12927	10994	11515
65	11348	10677	11543
75	8592	10797	12804
85	3028	13193	17100

LIGHT DISTRIBUTION

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	7315	27.4	28.51
0-40	11636	43.58	45.35
0-60	19751	73.98	76.97
0-90	25659	96.1	100.0
90-180	0	0.	0.
0-180	25659	96.1	100

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