

JOB _____

TYPE _____

CATALOG # _____



APPLICATION

- DESIGNED FOR COMMERCIAL/INDUSTRIAL APPLICATIONS WHERE MAXIMUM FIXTURE EFFICIENCY IS REQUIRED.
- INCREASED EFFICIENCY PROVIDES ENERGY SAVING ONE-FOR-ONE ALTERNATIVE TO HID HIGH-BAY SYSTEMS.
- AVAILABLE IN T5 OR T8 VERSIONS.
- OPTIONAL HEAVY-DUTY WIRE GUARD AVAILABLE.
- PENDANT MOUNTED OR CHAIN HUNG, SURFACE OR STEM MOUNTED.

FINISH

- ALL EXPOSED METAL PARTS PRETREATED WITH A PHOSPHATE BONDING PROCESS AND POST-PAINTED WITH AN ELECTROSTATICALLY APPLIED HIGH TEMPERATURE BAKED WHITE ENAMEL FOR SUPERIOR QUALITY AND DURABILITY.

CONSTRUCTION

- DIE-FORMED CODE GAUGE COLD ROLLED STEEL HOUSING.
- KNOCKOUTS PROVIDED ON HOUSING BACK AND ENDS FOR MOUNTING AND ELECTRICAL CONNECTIONS.
- CUSTOM DESIGNED REFLECTOR AVAILABLE IN ENHANCED ALUMINUM, ANODIZED ALUMINUM, OR WHITE ALUMINUM FINISH.

ELECTRICAL

- STANDARD BALLAST IS ELECTRONIC, HPF, CLASS P AND UL LISTED FOR UNIVERSAL VOLTAGE.
- LISTED LISTED.
- SUITABLE FOR DAMP LOCATIONS.
- I.B.E.W. LABELED.

**EH
SERIES**



**Economy High-Bay
INDUSTRIAL**

ORDERING GUIDE

EXAMPLE: EH55448-CO9-EAR

SERIES	LMPS	WATTS	FIXT		OPTIONS
EH	2-4,6	32-32W T8 54-54WT5HO	48	BALLAST: 1 OR 2 LAMPS: EO – ONE BALLAST 3+ LAMPS: EO – TWO BALLASTS, WIRED INBOARD/OUTBOARD (OR CUSTOMER SPECIFIED) CO – ONE BALLAST SPECIFIC BALLASTS: HL – HIGH BALLAST FACTOR LW – LOW BALLAST FACTOR PSP – PROGRAM START, PARALLEL WIRING PRS - PROGRAMMED RAPID START BALLAST (STD ON T5) DIMMING: DL - DIMMING, LUTRON DA - DIMMING, ADVANCE DO - DIMMING, OSRAM DU - DIMMING, ULT (SPECIFY VENDOR'S PRODUCT CATALOG DESCRIPTION) VOLTAGE: 1 - 120 7- 480 4 - 277 8 - 347-480 5 - 347 9- 120-277 REFLECTOR: EAR – ENHANCED ALUMINUM (95%) AAR – ANODIZED ALUMINUM (85%) WAR – WHITE ALUMINUM (87%) WIRE GUARDS: S14533 CHROME 11G NARROW BODY (2-LAMP CROSS SECTION ONLY) S14443 CHROME 11G WIDE BODY S14902 CHROME 14G NARROW BODY S14901 CHROME 14G WIDE BODY	CD - CONDUIT SUSPENSION MOUNT BA - BACK ACCESS (NOT AVAILABLE FOR SURFACE MOUNT.) 2G-20 GAUGE CRS HSG.& ENDS ALUM-ALUMINUM LAMPS: L835 – LAMP, GENERIC, 80-85 CRI, 3500K L841 – LAMP, GENERIC, 80-85 CRI, 4100K CORDS: C6 – 6' ONLY CP6 – 6' AND 3-PRONG PLUG CP6TL – 6' AND TWIST LOCK PLUG *ADVISE NEMA CONFIGURATION OF PLUG EMERGENCY BALLASTS: EM1- 1-LAMP (500-600 LUMENS) EM1A -1-LAMP (350-450 LUMENS) EM2 - 2-LAMPS (1100-1400 LUMENS) EM2A - 2-LAMPS (600-700 LUMENS) EM3 - 1-LAMP (600-700 LUMENS), 2-HOURS MOTION SENSOR: MS9 – HB, LB, AISLE APPLICATIONS, 120/277/347v, PIR, LOW TEMP MS8 – HB APPLICATION, 480v. PIR, LOW TEMP, PHOTOCELL MS5 – HB APPLICATION, 120/277v, PIR, LOW TEMP CUSTOM FINISHES: (ONLY ON SUSPENDED AND SURFACE MOUNTED FIXTURES) ANY RAL PAINT COLOR OR SELECTED PAINTED PATTERN FINISH AVAILABLE AS FINISH OPTION. ACCESSORIES: • CABLE HANGING KIT WITH GRIPPER AND PADDLES (60", 120", 180", 240") • CABLE HANGING KIT, ADJUSTABLE WITH "V" HOOKS (120", 180", 240")
	4-8,12	32-32W T8 54-54WT5HO	96		



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EH SERIES

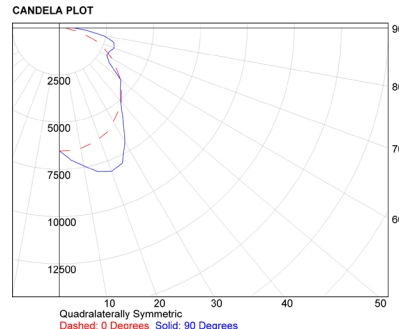
PHOTOMETRIC DATA

CATALOG NUMBER: EH55448-CO9-EAR
 LAMPS: FIVE F54T5-HO LAMPS RATED @ 5000 LUMENS EACH
 TOTAL LUMINAIRE EFFICIENCY: 92.6%

Coefficients of Utilization - Zonal Cavity Method																		
Effective Floor Reflectance 20%																		
RC	80%				70%				50%			30%			10%			0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	110	110	110	110	108	108	108	108	103	103	103	99	99	99	94	94	94	93
1	99	94	90	86	97	92	88	84	88	85	81	84	82	79	81	79	77	75
2	90	81	75	69	87	80	73	68	76	71	66	73	69	65	70	67	63	61
3	82	71	63	57	79	70	62	56	67	61	55	64	59	54	62	57	53	51
4	75	63	55	48	73	62	54	48	59	53	47	57	51	46	55	50	46	44
5	69	56	48	41	67	55	48	41	53	46	41	51	45	40	50	44	40	38
6	63	51	42	36	62	50	42	36	48	41	36	47	40	35	45	39	35	33
7	59	46	38	32	57	45	37	32	44	37	31	42	36	31	41	35	31	29
8	55	42	34	28	53	41	34	2	40	33	28	39	33	28	38	32	28	26
9	51	39	31	26	50	38	31	25	37	30	25	36	30	25	35	29	25	23
10	48	36	28	23	47	35	28	23	34	28	23	33	27	23	32	27	23	21

Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Fixt
0-30	6036.9	24.1	26.1
0-40	9949.4	39.8	43.0
0-60	17138.4	68.6	74.0
60-90	6010.7	24.0	26.0
0-90	23149.1	92.6	100.0
90-180	0.0	0.0	0.0
0-180	23149.1	92.6	100.0

Luminance in Candela Per Square Meter					
Angle in Deg	Avg 0	Avg 22.5	Avg 45	Avg 67.5	Avg 90
0	14391	14391	14391	14391	14391
45	13702	15781	13033	11774	11921
55	13049	13822	11146	10196	9698
65	12301	10872	8866	9772	10722
75	10244	7693	10568	13331	14653
85	5635	7236	9268	10183	11087



DIMENSIONS

SPECIFICATIONS AND DIMENSIONAL DATA SUBJECT TO CHANGE WITHOUT NOTICE.

