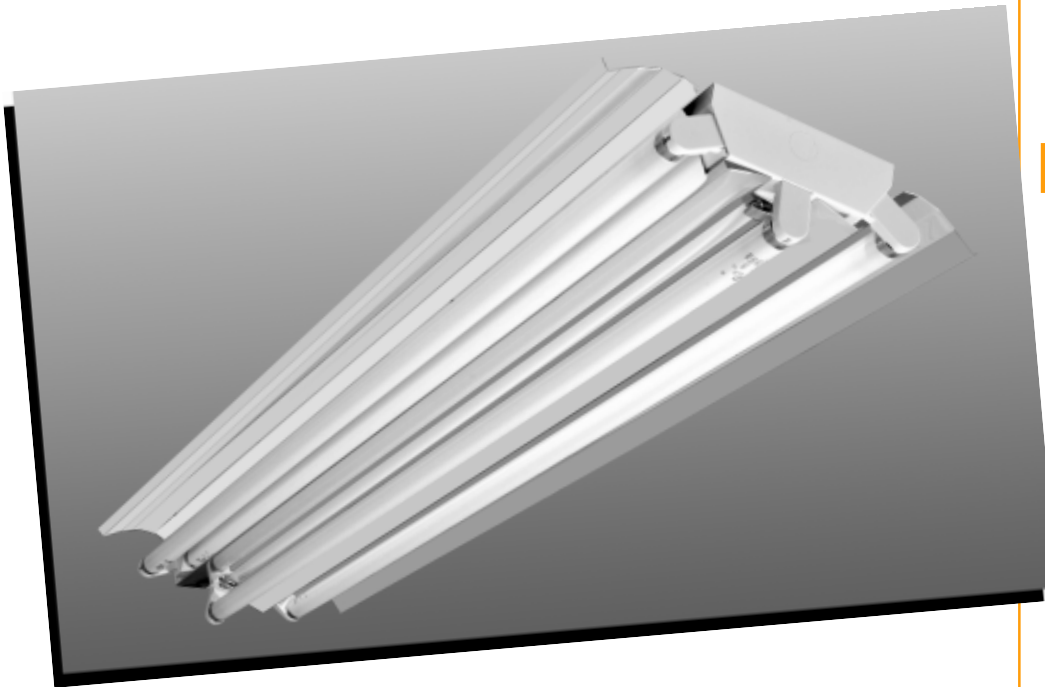


WISMARQ

WLHI SERIES



High Performance Industrial

APPLICATION

- Designed for industrial applications where maximum fixture efficiency is required.
- Greater than 96% efficiency presents an energy saving alternative to HID High-Bay systems.
- Can be surface or pendant mounted, chain hung or hung in continuous rows.




CONSTRUCTION

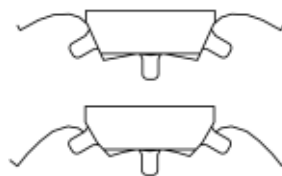
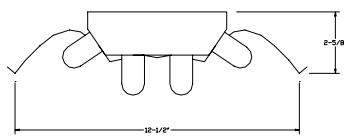
- Die-formed code gauge cold rolled steel housing. Knockouts provided on housing back and ends for mounting and electrical connections.
- Custom designed enhanced aluminum reflector with 95% reflectance. Reflector is held in place with quarter turn fasteners for tool-free installation and removal.
- High profile sockets provide lamp clearance and increased performance.

FINISH

- All 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.

ELECTRICAL

- Class P, CBM/ETL certified, High Light Output ballasts comply with Federal Energy Efficiency Standards. 
-  listed and  listed.
- I.B.E.W. labeled.



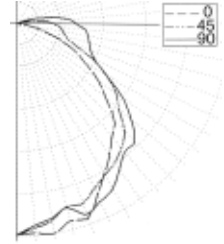
Wismarq Light Company, Inc.
5207 North 125th. Street Butler, WI 53007
262-754-6828 * 262-754-6829 Fax



PHOTOMETRIC DATA

Catalog Number: **WLHI33248-CO1EARN**
 Lamps: Three F32T8/841/RS Each Rated at 2950 Lumens

Total Luminaire Efficiency: 97.6%



Plane: 0-Deg 90-Deg
 Spacing Criteria: 1.2 1.2

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	115	115	115	115	112	112	112	112	105	105	105	100	100	100	95	95	95	92		
1	104	99	94	90	101	96	92	88	91	87	84	86	83	81	82	79	77	75		
2	94	86	79	73	91	84	77	72	79	74	69	75	71	67	71	68	65	62		
3	86	76	68	61	83	74	66	60	70	64	58	67	61	57	64	59	55	53		
4	79	67	58	52	76	65	57	51	62	55	50	59	53	49	57	52	47	45		
5	72	59	50	44	69	58	49	43	55	48	42	52	46	41	50	45	40	38		
6	66	53	44	38	64	52	43	37	49	42	36	47	41	36	45	39	35	33		
7	61	47	39	32	59	46	38	32	44	37	32	42	36	31	40	35	30	28		
8	56	42	34	28	54	41	33	28	40	32	27	38	31	27	36	31	26	24		
9	51	38	30	24	50	37	29	24	36	28	23	34	28	23	33	27	23	21		
10	48	34	26	21	46	34	26	21	32	25	21	31	25	20	30	24	20	18		

Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Fixt
0-30	1971	22.3	22.8
0-40	3255	36.8	37.7
0-60	5985	67.6	69.3
0-90	8150	92.1	94.4
90-180	485	5.5	5.6
0-180	8635	97.6	100.0

Luminance in Candela Per Square Meter			
Angle in Deg	Average 0 - Deg	Average 45 - Deg	Average 90 - Deg
45	5907	5476	5968
55	5222	5010	5341
65	4438	4219	4339
75	3180	3402	5075
85	1389	4717	7421

ORDERING GUIDE

Series	No. Lamps	Lamp Style	Fixture Size	Ballast	Volts	Package Reflector	Options
HI	3	32	48	CO, EO	1	EARN	
HI	3	59	96	EO	1	EARN	
HI	6	32	96	CO, EO	1	EARN	

LAMPS:
 32 - 32 Watt T8
 59 - 59 Watt T8

BALLASTS:
 CO - 265 ma Electronic (3 lamp)
 EO - 265 ma Electronic

Note: On 3 lamp electronic fixtures, CO designates a single 3 lamp ballast in fixture. EO designates 2 ballasts in fixture wired inboard/outboard.

VOLTS:
 1 - 120 Volts
 4 - 277 Volts
 9 - Universal Voltage

REFLECTORS:
 EARN - Narrow Enhanced Aluminum
 EARW - Wide Enhanced Aluminum

Note: Narrow reflector should be used in applications under 16 feet and wide reflector above 16 feet.

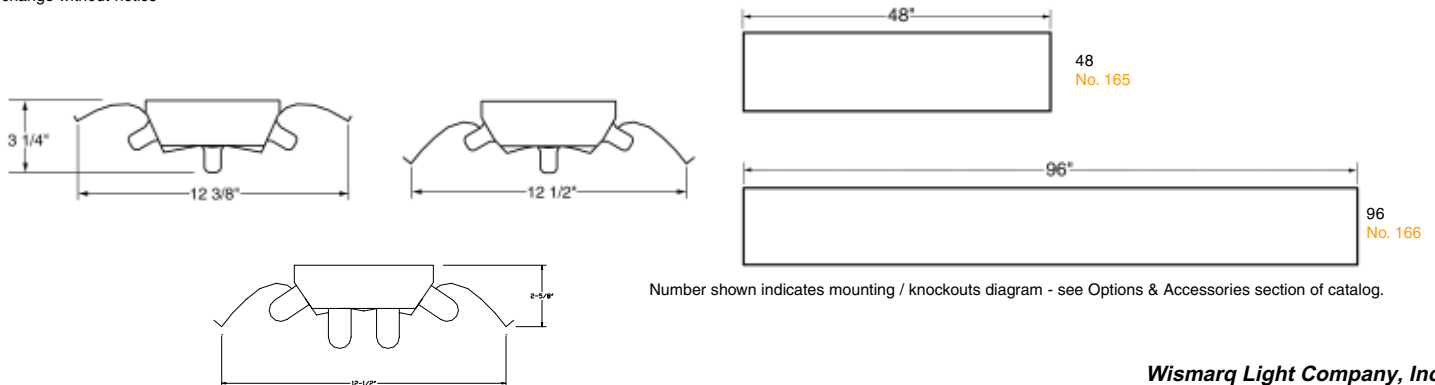
OPTIONS:
 Use the following suffix for:
 -F1 Fusing, one per fixture
 -F2 Fusing, one per ballast
 -RF1 Radio Interference Filter, one per fixture
 -RF2 Radio Interference Filter, one per ballast

Emergency Ballast - Please consult Options page for complete listings.

A= 6' cord and plug 120v
 B= 6' cord and plug 277v
 C= Chain and Hook Kits
 D= Wire Guard

DIMENSIONS

specifications and dimensional data subject to change without notice



Number shown indicates mounting / knockouts diagram - see Options & Accessories section of catalog.