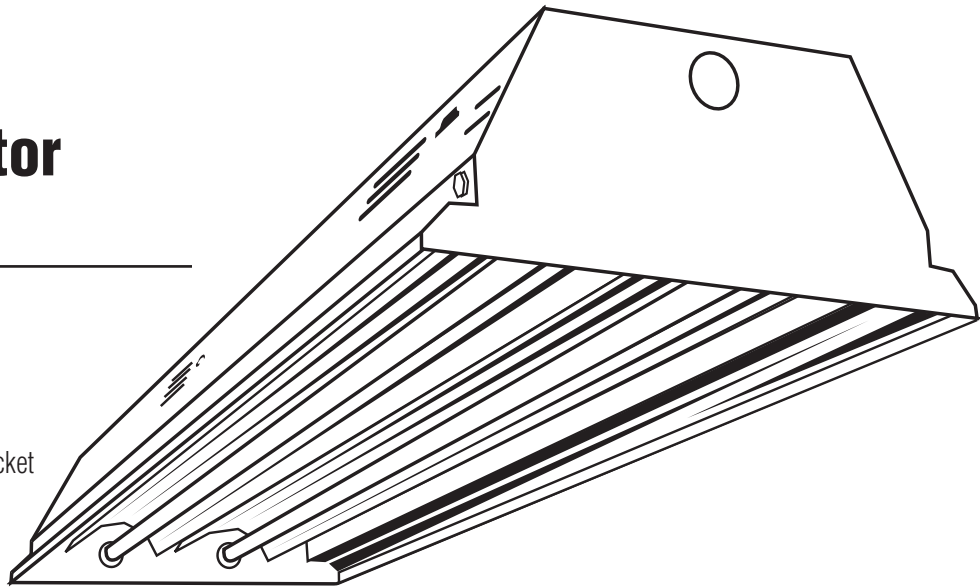




## B Series Narrow Beam Reflector

### Specifications

- Housing - .032 formed bare aluminum
- Reflector - Faceted Miro IV aluminum reflectors
- Lampage - (2) T-5 HO 54 watt linear fluorescent
- Ballast - (1) Advance ICN-2S54-90C
- Mounting - Proprietary "Quick Lock" mounting bracket (Patent Pending)



### Features & Benefits

- Bare aluminum housing
- European rotary lock lamp holders
- All ballasts are 90° C rated
- Unique "easy access" ballast door (Patent Pending)
- Proprietary "Quick Lock" mounting bracket (Patent Pending)
- Cuts energy use up to 75%
- Allows for one-for-one metal halide replacement
- Instant re-strike, programmed rapid start ballast eliminates the need for quartz re-strikes in event of power outage
- 95% lumen maintenance over entire rated lamp life

### Photometry

WILS Catalog # B14 - 42T5HO -04-U  
Test Report # 08469 Dated 10/19/04

Lamp Type: FP54/841/HO  
# of Lamps: 2

#### Candela Distribution

	0.0	22.5	45.0	67.5	90.0	Zonal Lumens
0	7819	7819	7819	7819	7819	
5	7813	7678	7436	7137	7038	677
15	7517	6420	4224	2905	2515	1295
25	6930	4082	1555	1193	1178	1265
35	6059	1977	1052	1159	1178	1228
45	4922	943	1001	1284	1342	1236
55	3592	692	1051	1076	1117	1160
65	2173	586	774	1005	1021	966
75	860	384	514	535	530	564
85	67	94	63	65	68	99
90	0	0	0	0	0	

#### Luminaire Spacing Criteria

CIE Type:	Direct	
Plane:	0-DEG	90-DEG
Spacing Criteria:	1.2	0.4
Luminous Length:	46.500	13.000

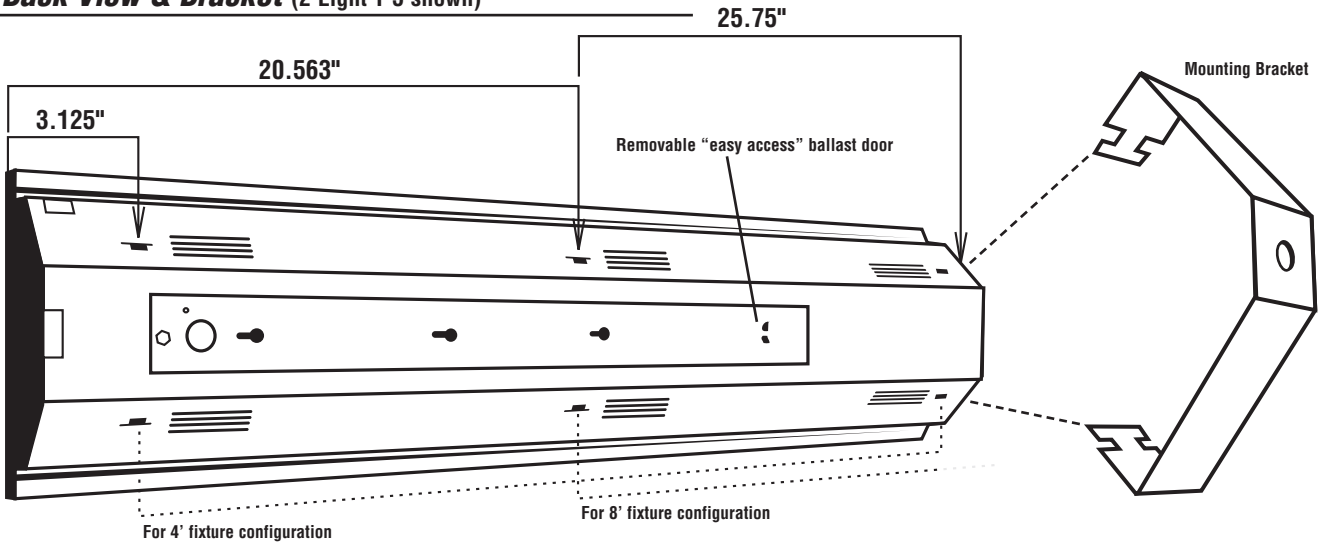
#### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0- 30	3236	36.8	38.1
0- 40	4464	50.7	52.6
0- 60	6860	78.0	80.8
0- 90	8489	96.5	100.0
90-180	0	0.0	0.0
0- 180	8489	96.5	100.0

#### Zonal Cavity

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	115	115	115		112	112	112	112	107	107	107	103	103	103	98	98	98	96
1	107	103	99	96	104	100	97	94	96	94	91	93	91	89	89	88	86	84
2	98	91	85	81	96	89	84	80	86	82	78	83	79	76	80	77	74	72
3	91	82	75	69	89	80	74	69	78	72	68	75	70	66	73	69	65	63
4	84	74	66	60	82	72	65	60	70	64	59	68	63	58	66	61	58	56
5	77	66	58	53	76	65	58	52	63	57	52	61	56	51	60	55	51	49
6	72	60	52	47	70	59	52	47	58	51	46	56	50	46	55	50	45	44
7	67	55	47	42	66	54	47	42	53	46	42	52	46	41	50	45	41	39
8	63	50	43	38	61	50	43	37	49	42	37	47	41	37	46	41	37	35
9	58	46	39	34	57	46	39	34	45	38	33	44	38	33	43	37	33	31
10	55	43	35	31	54	42	35	31	41	35	30	40	35	30	40	34	30	29

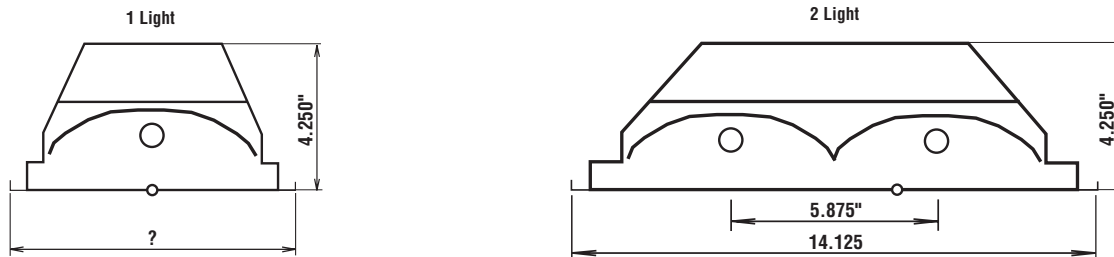
## Back View & Bracket (2 Light T-5 shown)



### Note:

2 light configuration, knockouts and bracket spacing remain the same. Body width will vary (see below)

## Side View



## Ordering Information

**B14 - 42 - T5HO - 04 - 1/2 - U - OPTIONS**

Fixture Body  
"B" Series = Bare Aluminum  
14 = 14" Wide (formerly EB)

Fixture Length  
4 = 4'  
8 = 8'

Lamp Type  
Currently the only lamp type we use is T5HO

Reflector Type  
04 = Narrow beam  
08 = Medium beam  
12 = Wide beam

Ballast Voltage  
U = 120-277 (Universal)  
480 = 480V

Options are Numerous  
TL = 277V Twist and Lock Cord Set  
WG = Wireguard  
LK = Lens Kit

**# of Lamps**  
1 = 1 lamp  
2 = 2 lamp  
4 = 4 lamp

**Ballast Configuration**  
# of ballasts / Lamps per Ballast  
1/4 = (1) each (4) lamp ballast  
2/2 = (2) each (2) lamp ballast  
3/2 = (3) each (2) lamp ballast  
4/2 = (4) each (2) lamp ballast

AVAILABLE MODELS	
B7	- 41 - T5HO - 04 - 1/2 - U
B14	- 42 - T5HO - 04 - 1/2 - U
B7	- 82 - T5HO - 04 - 1/2 - U
B14	- 84 - T5HO - 04 - 2/2 - U

Available in 4' and 8' lengths  
8' is two 4' units fastened together

Call 1-800-671-6799 EST, 215-671-2029 outside the U.S. or log on at [www.wilsolutions.com](http://www.wilsolutions.com).  
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