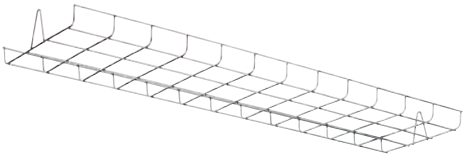
4' Nominal Style

2' Nominal Style



WIRE GUARD ①	
CATALOG NUMBER	DESCRIPTION
2HFX-G2	302 HFX-T Models
2HFX-G4	304 HFX-T Models

①*316 Stainless Steel*

Consult page L183 for dimensions and accessories.

SEE PAGE L210 FOR HFXE EMERGENCY MODELS

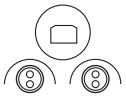
FLUORESCENT FIXTURE-HFX-40T-302

Lamp Type F40/2G11/835/RS

2' – 2 40 Watt Biaxial 3150 Lumens each.

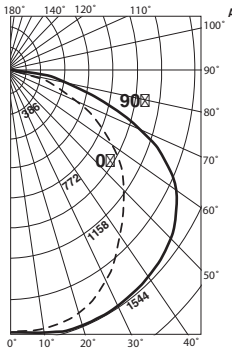
Total Bare Lamp Lumens 6300

For 55W Biaxial multiply by 1.52.



ZONAL LUMENS

ZONE	LUMENS
0-30	1246
0-40	2102
0-60	3989
0-90	5237



VERT. ANGLE	0	22.5	45	67.5	90	ZONAL LUMENS
0	1530.	1530.	1530.	1530.	1530.	
5.0	1533.	1524.	1520.	1533.	1531.	145.8
10.0	1515.	1509.	1515.	1527.	1536.	
15.0	1484.	1486.	1508.	1531.	1544.	428.0
20.0	1435.	1453.	1492.	1526.	1543.	
25.0	1379.	1410.	1464.	1511.	1540.	676.4
30.0	1310.	1355.	1427.	1485.	1530.	
35.0	1227.	1286.	1377.	1448.	1490.	858.9
40.0	1132.	1209.	1313.	1403.	1440.	
45.0	1026.	1123.	1242.	1354.	1389.	953.7
50.0	913.	1024.	1168.	1287.	1326.	
55.0	783.	902.	1083.	1205.	1236.	941.8
60.0	649.	781.	982.	1094.	1090.	
65.0	507.	667.	862.	875.	857.	765.8
70.0	346.	543.	641.	601.	600.	
75.0	197.	396.	408.	425.	428.	407.7
80.0	72.	218.	224.	242.	240.	
85.0	14.	74.	56.	52.	51.	58.8
90.0	1.	10.	6.	7.	8.	

Efficiency 83.2%

COEFFICIENTS OF UTILIZATION – ZONAL CAVITY METHOD

% EFFECTIVE CEILING CAVITY REFLECTAN 1cc	80				70				50			30				10				0
% WALL REFLECTANCE 1w	70	50	30	10	70	50	30	10	50	30	10	50	30	10		50	30	10		0
ROOM CAVITY RATIO RCR	20% Effective Floor Cavity Reflectance																			
0	.99	.99	.99	.99	.97	.97	.97	.97	.92	.92	.92	.88	.88	.88		.85	.85	.85		.83
1	.90	.86	.82	.79	.88	.84	.81	.78	.80	.78	.75	.77	.75	.73		.74	.72	.71		.69
2	.81	.74	.68	.63	.79	.73	.67	.63	.70	.65	.61	.67	.63	.60		.64	.61	.58		.56
3	.74	.65	.58	.52	.72	.63	.57	.51	.61	.55	.50	.58	.54	.50		.56	.52	.49		.47
4	.67	.57	.49	.43	.65	.56	.49	.43	.54	.47	.42	.52	.46	.42		.50	.45	.41		.39
5	.62	.50	.43	.37	.60	.50	.42	.37	.48	.41	.36	.46	.40	.36		.44	.39	.35		.34
6	.57	.45	.37	.32	.55	.44	.37	.32	.43	.36	.31	.41	.36	.31		.40	.35	.31		.29
7	.52	.41	.33	.28	.51	.40	.33	.28	.39	.32	.28	.38	.32	.27		.36	.31	.27		.25
8	.49	.37	.30	.25	.47	.36	.30	.25	.35	.29	.24	.34	.29	.24		.33	.28	.24		.23
9	.45	.34	.27	.22	.44	.33	.27	.22	.32	.26	.22	.32	.26	.22		.31	.25	.22		.20
10	.43	.31	.24	.20	.41	.31	.24	.20	.30	.24	.20	.29	.24	.20		.28	.23	.20		.18

SPACING TO MOUNTING HEIGHT RATIO - 1.28 0-180°
SPACING TO MOUNTING HEIGHT RATIO - 1.50 90-270°

Test No. BAL12360

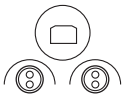
FLUORESCENT FIXTURE-HFX-40T-304

Lamp Type F40/2G11/835/RS

4' – 4 40 Watt Biaxial 3150 Lumens each.

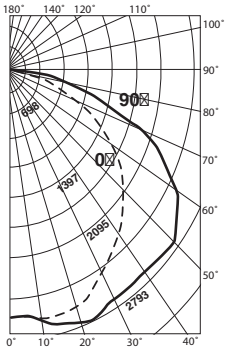
Total Bare Lamp Lumens 12600

For 55W Biaxial multiply by 1.52.



ZONAL LUMENS

ZONE	LUMENS
0-30	2197
0-40	3685
0-60	7050
0-90	9559



VERT. ANGLE	0	22.5	45	67.5	90	ZONAL LUMENS
0.0	2625	2625	2625	2625	2625	
5.0	2606	2607	2611	2617	2620	249.3
10.0	2661	2669	2692	2716	2726	
15.0	2621	2641	2693	2738	2756	762.6
20.0	2559	2597	2692	2766	2793	
25.0	2393	2450	2564	2653	2685	1181.0
30.0	2254	2335	2477	2590	2635	
35.0	2102	2207	2381	2528	2587	1485.7
40.0	1959	2094	2306	2502	2571	
45.0	1778	1951	2236	2473	2544	1707.9
50.0	1609	1793	2106	2325	2387	
55.0	1404	1612	1966	2169	2234	1697.1
60.0	1140	1369	1701	1890	1942	
65.0	928	1202	1542	1680	1698	1423.7
70.0	676	984	1268	1290	1277	
75.0	425	735	871	860	889	825.8
80.0	204	473	548	623	643	
85.0	58	202	256	248	251	234.9
90.0	15	36	44	53	60	

Efficiency 76%

COEFFICIENTS OF UTILIZATION – ZONAL CAVITY METHOD

% EFFECTIVE CEILING CAVITY REFLECTAN 1cc	80				70				50			30				10				0
% WALL REFLECTANCE 1w	70	50	30	10	70	50	30	10	50	30	10	50	30	10		50	30	10		0
ROOM CAVITY RATIO RCR	20% Effective Floor Cavity Reflectance																			
0	.90	.90	.90	.90	.88	.88	.88	.88	.84	.84	.84	.81	.81	.81		.77	.77	.77		.76
1	.82	.78	.74	.71	.80	.76	.73	.70	.73	.70	.68	.70	.68	.65		.67	.65	.63		.62
2	.74	.67	.61	.57	.72	.66	.60	.56	.63	.58	.55	.60	.56	.53		.58	.55	.52		.50
3	.67	.58	.52	.46	.65	.57	.51	.46	.55	.49	.45	.52	.48	.44		.50	.47	.43		.42
4	.61	.51	.44	.39	.59	.50	.43	.38	.48	.42	.38	.46	.41	.37		.45	.40	.37		.35
5	.56	.45	.38	.33	.54	.44	.38	.33	.43	.37	.32	.41	.36	.32		.40	.35	.31		.30
6	.51	.41	.33	.28	.50	.40	.33	.28	.38	.32	.28	.37	.32	.28		.36	.31	.27		.26
7	.47	.37	.30	.25	.46	.36	.29	.25	.35	.29	.24	.34	.28	.24		.33	.28	.24		.22
8	.44	.33	.27	.22	.43	.33	.26	.22	.32	.26	.22	.31	.25	.22		.30	.25	.21		.20
9	.41	.30	.24	.20	.40	.30	.24	.20	.29	.23	.19	.28	.23	.19		.27	.23	.19		.18
10	.38	.28	.22	.18	.37	.28	.22	.18	.27	.21	.17	.26	.21	.17		.25	.21	.17		.16

SPACING TO MOUNTING HEIGHT RATIO - 1.28 0-180°
SPACING TO MOUNTING HEIGHT RATIO - 1.52 90-270°

Test No. BAL12361