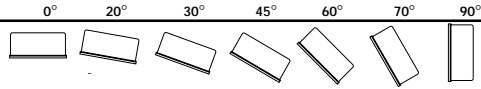


EFFECTIVE PROJECTED AREA RATING FOR FIXTURES



12" Square Housings With Adjustable Fitters (MA3)

Catalog #	# Fixtures	0°	20°	30°	45°	60°	70°	90°
SPB14	1	0.66	0.91	1.03	1.21	1.26	1.31	1.32
SPB24	2 in-line	2.93	3.42	3.52	3.64	4.05	4.31	4.35
SPB34	3 in-line	4.84	5.54	5.70	6.02	6.54	6.80	6.85
SPB4490	4 @ 90°	4.02	4.40	4.45	4.59	4.68	4.79	4.83
SPB44180	4 in-line	6.74	7.65	7.79	8.40	8.71	9.32	9.38
SPB15	1	0.66	0.91	1.03	1.21	1.26	1.31	1.32

Catalog #	# Fixtures	0°	20°	30°	45°	60°	70°	90°
ST1/RT1	1	1.00	1.21	1.27	1.33	1.57	1.62	1.67
ST290/RT290	2 @ 90°	1.62	1.78	1.90	1.96	2.05	2.10	2.14
ST2180/RT2180	2 @ 180°	1.70	1.64	1.76	1.89	2.19	2.29	2.34
ST390/RT390	3 @ 90°	2.31	2.50	2.53	2.66	2.87	2.98	3.06
RT3120	3 @ 120°	1.85	2.64	3.31	3.50	3.83	3.91	4.01
ST4/RT4	4 @ 90°	2.31	2.50	2.53	2.66	2.80	2.93	3.00
MP11*	1	1.10	1.25	1.30	1.40	1.60	1.65	1.70
MP21*	2	2.20	2.50	2.60	2.80	3.20	3.30	3.40

* Multiply the EPA Rating By $\frac{\text{Fixture Mount Height}}{\text{Total Pole Height}}$ = Adjusted EPA

Catalog #	# Fixtures	0°	20°	30°	45°	60°	70°	90°
BH2	2 in-line	2.93	3.42	3.52	3.64	4.05	4.31	4.35
BH3	3 in-line	4.84	5.54	5.70	6.02	6.54	6.80	6.85
BH3T	3 @ 120	4.55	5.21	5.36	5.66	6.15	6.39	6.44
BH4	4 in-line	6.74	7.65	7.79	8.40	8.71	9.32	9.38
BH490	4 @ 90	4.02	4.40	4.45	4.59	4.68	4.79	4.83

16" Square Housings With Adjustable Fitters (MA3)

Catalog #	# Fixtures	0°	20°	30°	45°	60°	70°	90°
SPB14	1	1.00	1.50	1.70	2.00	2.10	2.20	2.30
SPB24	2 in-line	3.60	4.50	4.70	4.90	5.60	5.80	6.00
SPB34	3 in-line	5.80	7.10	7.40	7.90	8.80	9.30	9.50
SPB4490	4 @ 90°	5.00	5.60	5.70	5.90	6.10	6.30	6.50
SPB44180	4 in-line	8.00	9.70	10.00	10.90	11.60	12.60	12.90
SPB15	1	1.00	1.50	1.70	2.00	2.10	2.20	2.30

Catalog #	# Fixtures	0°	20°	30°	45°	60°	70°	90°
ST1/RT1	1	1.30	1.70	1.80	1.90	2.30	2.40	2.50
ST290/RT290	2 @ 90°	2.10	2.50	2.70	2.80	3.00	n/a	n/a
ST2180/RT2180	2 @ 180°	2.20	2.30	2.50	2.70	3.20	3.40	3.50
ST390/RT390	3 @ 90°	3.00	3.50	3.60	3.80	n/a	n/a	n/a
RT3120	3 @ 120°	2.40	3.70	4.70	5.00	5.60	5.80	6.00
ST4/RT4	4 @ 90°	3.00	3.50	3.60	3.80	4.10	n/a	n/a
MP11*	1	1.40	1.75	1.90	2.00	2.25	2.50	2.60
MP21*	2	2.80	3.50	3.80	4.00	4.50	5.00	5.20

* Multiply the EPA Rating By $\frac{\text{Fixture Mount Height}}{\text{Total Pole Height}}$ = Adjusted EPA

Catalog #	# Fixtures	0°	20°	30°	45°	60°	70°	90°
BH2	2 in-line	3.60	4.50	4.70	4.90	5.60	5.80	6.00
BH3	3 in-line	5.80	7.10	7.40	7.90	8.80	9.30	9.50
BH3T	3 @ 120	5.40	6.40	6.60	6.90	7.50	7.80	8.00
BH4	4 in-line	8.00	9.70	10.00	10.90	11.60	12.60	12.90
BH490	4 @ 90	5.00	5.60	5.70	5.90	6.10	6.30	6.50

23" Square Housings With Adjustable Fitters (MA3)

Catalog #	# Fixtures	0°	20°	30°	45°	60°	70°	90°
SPB14	1	2.00	2.70	2.90	3.70	3.80	4.00	4.20
SPB24	2 in-line	6.00	7.70	7.90	8.40	9.70	10.00	10.40
SPB34	3 in-line	9.70	12.00	12.50	13.50	15.40	15.80	16.20
SPB4490	4 @ 90°	8.50	9.10	9.30	9.90	10.50	10.70	10.90
SPB44180	4 in-line	13.10	15.60	16.00	18.40	19.90	21.60	22.00
SPB15	1	2.00	2.70	2.90	3.70	3.80	4.00	4.20

Catalog #	# Fixtures	0°	20°	30°	45°	60°	70°	90°
ST1/RT1	1	2.10	2.80	3.00	3.30	3.90	4.10	4.20
ST2180/RT2180	2 @ 180°	4.00	4.20	4.40	4.80	5.80	6.00	6.20
RT3120	3 @ 120°	3.70	5.40	5.60	6.00	6.90	n/a	n/a
MP11* (1)	1	2.20	3.00	3.25	3.50	4.00	4.25	4.50
MP21* (1)	2	4.40	6.00	6.50	7.00	8.00	8.50	9.00

* Multiply the EPA Rating By $\frac{\text{Fixture Mount Height}}{\text{Total Pole Height}}$ = Adjusted EPA

(1) Can Only Be Used When Facing 10° or More From The Horizontal Plane

Catalog #	# Fixtures	0°	20°	30°	45°	60°	70°	90°
BH2	2 in-line	6.00	7.50	7.90	8.40	9.70	10.00	10.40
BH3	3 in-line	9.70	12.00	12.50	13.50	15.40	15.80	16.20
BH3T	3 @ 90	9.10	10.50	10.90	11.70	13.00	13.30	13.60
BH4	4 in-line	13.10	15.60	16.00	18.40	19.90	21.60	22.00
BH490	4 @ 90	8.50	9.00	9.30	9.90	10.50	10.70	10.90

Use these charts to calculate the correct type of pole to be used with fixtures and mounting arms selected.

- Select the chart applicable to the fixture
- Select the chart applicable to the mounting arm to be used and the angle of the fixture
- Check the wind speed in the area of the country the fixtures will be used.
- Calculate the total weight of the fixtures and mounting arms on each pole.
- Select the pole from the pole chart based on the total EPA and total weight, using the wind speed column. Allow a minimum of a 10% safety factor.
- **Please Note:** These are guidelines only – consult your representative if you are unsure.

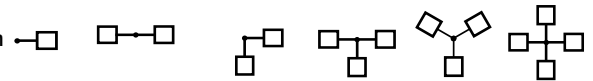
Configuration



MA1 EPA ratings for fixtures with In-Line Bracket (Only)

	SSB24	SSB34
SSB 12" sq. housing	1.70	2.64
SSB 16" sq. housing	2.30	3.40
SSB 23" sq. housing	3.70	5.40

Configuration



MA2 EPA ratings for 12", 16" & 23" housing with 6" Mounting Arms

Fixture Size	STA & RTA1	STA & RTA2180	STA & RTA290	STA & RTA390	RTA3120	STA & RTA4
12"	0.58	1.22	0.98	1.51	1.56	2.08
16"	1.00	2.10	1.70	2.60	2.70	3.60
23"	2.00	4.10	n/a	n/a	n/a	n/a

MA5 EPA ratings for 12", 16" & 23" housing with 12" Mounting Arms

Fixture Size	STA & RTA1	STA & RTA2180	STA & RTA290	STA & RTA390	RTA3120	STA & RTA4
12"	0.68	1.20	1.43	1.71	1.82	2.28
16"	1.20	2.50	3.00	3.00	3.20	4.00
23"	2.20	4.40	4.00	5.50	5.90	7.50

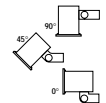
MA210 EPA ratings for 12", 16" & 23" housing with 10°/20° tilt - 6" Arms

Fixture Size	STA1120	STA2180T20	STA290T20	STA390T20	STA3120T20	STA4T20
12"	0.70	1.15	1.20	1.70	1.80	2.40
16"	1.30	2.10	2.20	2.30	3.10	4.40
23"	2.50	3.60	n/a	n/a	n/a	n/a

*Note: For MA210 EPA, Refer to 20° Column on Table to Left.

EPA ratings for fixtures with Wishbone Mount (WB) (0° tilt) w/flat lens

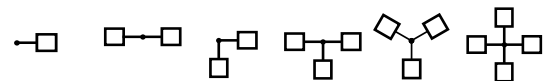
	WBR	WBS
12" sq. housing	n/a	n/a
16" sq. housing	1.10	1.10
23" sq. housing	2.20	2.20



EPA ratings for FBD Series Floodlight

Degree Tilt	0°	20°	30°	45°	60°	70°	90°
Yoke Mount:	1.30	1.70	1.80	1.90	2.30	2.40	2.50
Tenon Mount (FBD-TM):	1.40	1.80	1.90	2.00	2.40	2.50	2.60
Trunnion Mount (FBD-TR):	1.40	1.80	1.90	2.00	2.40	2.50	2.60

Configuration



EPA ratings for 23" FAL/FVL Series Luminaire (0° tilt) Vertical w/sag lens

Number of Fixtures	1	2@90	2@180	3@90	3@120	4@90
6" Ext. Pole Mount arm (MA2):						
23" sq. housing	2.20	n/a	4.30	n/a	n/a	n/a
12" Ext. Pole Mount arm (MA5):						
23" sq. housing	2.40	4.20	4.60	5.70	6.10	7.70
Wishbone Mount (WB):						
23" sq. housing	2.40	n/a	n/a	n/a	n/a	n/a