

ELEMENT Build-Your-Own Multiples (BYOM) is a uniquely modular recessed led lighting system that puts incredible design flexibility in the hands of the designer. The BYOM grid frame kit system is easily configurable and expandable offering 21 frame kits that can be combined to create larger grids. BYOM LED spot modules are placed into the recessed frame kit structure to create virtually any configuration thinkable. Build-Your-Own Multiples features ELEMENT's patented LED spot dome module enabling remarkable tool-free adjustment and locking while maintaining center beam through the aperture at all tilt and rotation angles. BYOM is also available with General Illumination and Wall Wash light modules for even further flexibility. The trimless open design boasts an uncommonly attractive, sleek look below the ceiling. The light modules are also offered with flangeless trims available in several finishes, and square and round aperture configurations to accommodate virtually any aesthetic. Flangeless trims are made of cold rolled steel for excellent durability. Modular extruded aluminum plaster plate system can match any configuration to provide a seamless plastered-in look.

- Includes 21 standard frame kit options for customized light arrays
- For use in 2x8 construction (minimum joist height)
- Light modules each ship with 5" x 5" housing and driver
- Includes integrated junction box approved for branch circuit through wiring
- Accommodates up to 3" ceiling thickness

## SPECIFICATIONS

DELIVERED LUMENS	Adjustable Spot module (40°): 1256 (80CRI/3000K) General Illumination Module: 1015 (80CRI/3000K) Wall Wash module: 989 (80CRI/3000K)
WATTS	Adjustable Spot module (40°): 12 General Illumination Module: 12 Wall Wash module: 12
EFFICACY	Adjustable Spot module (40°): 104 l/w General Illumination Module: 84 l/w Wall Wash module: 82 l/w
CRI	80+ or 90+
CCT OPTIONS	2700K, 3000K or 3500K
COLOR CONSISTENCY	2-Step
VOLTAGE	120V or 277V
DIMMING*	Standard phase dimming (Down to <1%)* 0-10V (Down to 5%)
LIGHT DISTRIBUTION	General Illumination module: Lambertian Wall Wash module: Asymmetric distribution
OPTICS	Adjustable spot module 20°, 30°, 40°, 60° (field-changeable) Accepts 2 lenses, ordered separately
ADJUSTABILITY	Spot module only: 35° tilt and 360° rotation with tool-free locking
CEILING APPEARANCE	Trimmed Flangeless or Open Flangeless
CEILING APERTURE	5" x 5" ceiling cut-out per module
HOUSING	Non-IC Airtight
SIZES	1x1, 1x2, 1x3, 1x4, 2x2 up to 8x8 <sup>‡</sup>
POWER SUPPLY	Constant Current driver with +.9 power factor and +80% efficiency
GENERAL LISTING	ETL listed. Damp listed.
CONSTRUCTION	Heavy gauge cold rolled steel
FINISH	Black or White powder coat
LED LIFETIME	L70; 50,000 hours
WARRANTY*	5 years



shown in flangeless open black

### ORDERING NOTE:

Order housings, modules, and trims (if applicable) separately.

\*See ELEMENT-lighting.com for dimmer compatibility.  
\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.  
‡For longer frame kits, contact Quotes Department. Number of rows cannot exceed number of columns.  
Adjustable spot accepts up to two optical lenses.

## GRIDS

### HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	CRI	COLOR TEMPERATURE	BEAM SPREAD	HOUSING RATING	DRIVER	VOLTAGE	FINISH
EBYO LIGHT MODULE OPEN	L FLANGELESS	-LO LED LOW OUTPUT	8 80 CRI	27 2700K	2 20°	N NON-IC AIRTIGHT	-ELV STANDARD ELV	120 120 VOLT	B BLACK
EBYT LIGHT MODULE TRIMMED*			9 90 CRI	30 3000K	3 30°		-010 0-10V DIMMING	240 240 VOLT	W WHITE
				35 3500K	4 40°			277 277 VOLT	
					6 60°				
					WW WALL WASH**				
					GI GENERAL ILLUMINATION**				

\*TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.  
 \*\*WW AND GI BEAM SPREADS NOT COMPATIBLE WITH EBYT HOUSINGS.

### TRIM

PRODUCT SERIES	APERTURE OPENING	CEILING APPEARANCE	FINISH
EMT11	R ROUND	LF FLANGELESS	-B BLACK
	S SQUARE		-S SATIN NICKEL
			-W WHITE
EMT11			-

### REPLACEMENT OPTICS

	BEAM SPREAD
353LEDGATOPT	20 20°
	30 30°
	40 40°
	60 60°
353LEDGATOPT	

### LENSES/LOUVERS

	TYPE	FINISH
MOC	GG PLAIN GLASS	-B BLACK
	SF SOFT FOCUS	-W WHITE
	LL LINEAR SPREAD	
	EC EGGCRATE LOUVER	
	LS1 1" LONG SNOOT	
	LS12 1/2" LONG SNOOT	
MOC		-

### FRAME KITS

ELEMENT BYOM FRAME KIT	# OF ROWS*	# OF COLUMNS
EBYF	1	1
	2	2
	3	3
	4	4
	6	6
	8	8

EBYF

FOR FRAME KIT GRIDS GREATER THAN 8 ROWS OR COLUMNS, CONTACT QUOTES DEPARTMENT.  
 \*THE NUMBER OF ROWS CANNOT EXCEED NUMBER OF COLUMNS.

### PLASTER PLATES

ELEMENT BYOM PLASTER PLATE ASSEMBLIES	SHAPE	
EBYPPLT	2 2X STRAIGHT	STRAIGHT PIECE FOR USE W/ 2 LINEAR SPOTS TO BE USED IN CONJUNCTION W/ 90° PIECES
	3 3X STRAIGHT	STRAIGHT PIECE FOR USE W/ 3 LINEAR SPOTS TO BE USED IN CONJUNCTION W/ 90° PIECES
	4 4X STRAIGHT	STRAIGHT PIECE FOR USE W/ 4 LINEAR SPOTS TO BE USED IN CONJUNCTION W/ 90° PIECES
	OC OUTSIDE CORNER	90° OUTSIDE CORNER
	IC INSIDE CORNER	90° INSIDE CORNER
EBYPPLT		

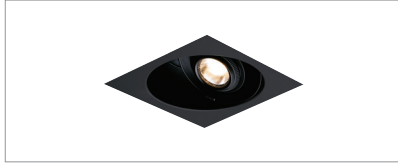
EBYPPLT

## PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES

**LIGHT MODULES**

**OPEN ADJUSTABLE SPOT**



1X1 FLANGELESS BLACK

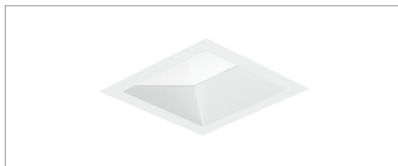


1X1 FLANGELESS WHITE

**WALL WASH\***

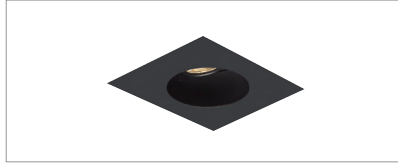


1X1 FLANGELESS BLACK



1X1 FLANGELESS WHITE

**TRIMMED ADJUSTABLE SPOT**



1X1 FLANGELESS ROUND

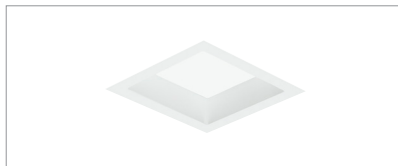


1X1 FLANGELESS SQUARE

**GENERAL ILLUMINATION\***



1X1 FLANGELESS BLACK



1X1 FLANGELESS WHITE

**HOUSING FINISH**



WHITE



BLACK

**TRIM FINISH**



WHITE

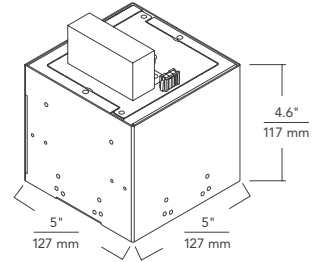


BLACK

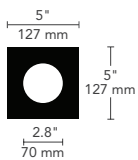


SATIN NICKEL

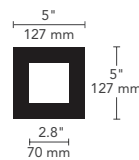
**BYOM HOUSING**



**CEILING APPEARANCE**



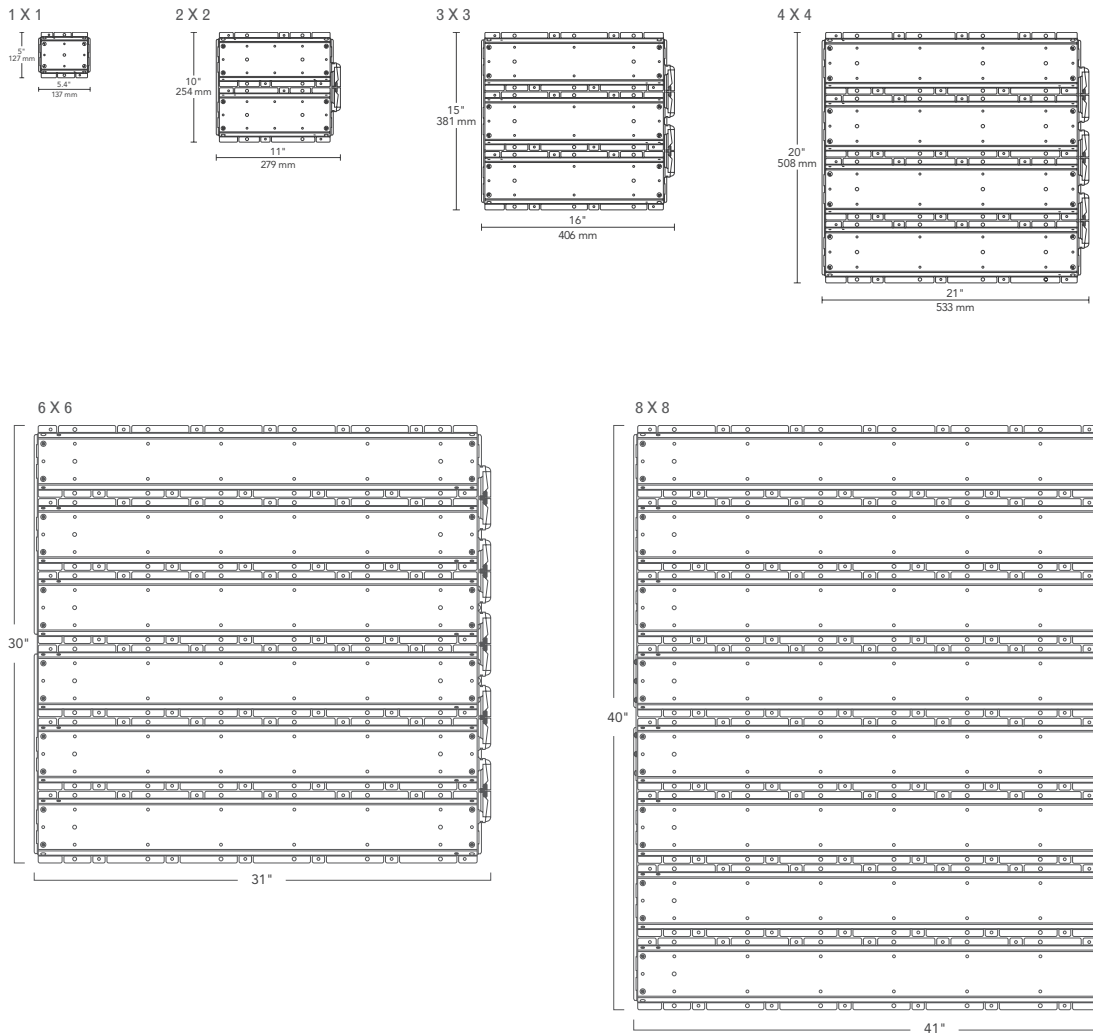
FLANGELESS



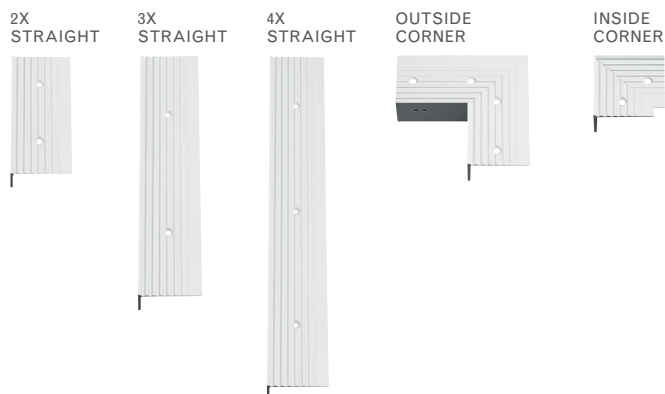
FLANGELESS SQUARE

\* Only available in Open.

## FRAME KITS (OTHER SIZES AVAILABLE PER ORDERING GRID)



## PLASTER PLATES

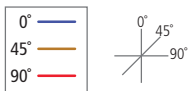
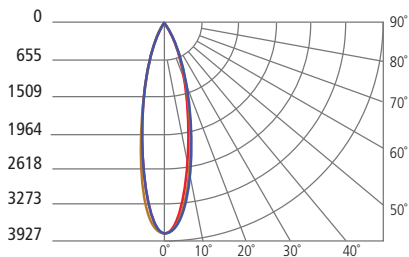
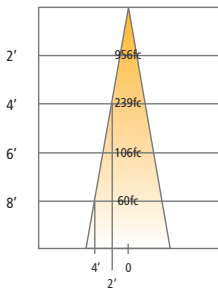


## PHOTOMETRICS: LOW OUTPUT

DESCRIPTION: LED Multiples  
20° Beam - 0° Tilt, 3000K  
MODEL: LED Multiples 20° Low

INPUT POWER (WATTS): 12.4  
INPUT POWER FACTOR: 0.98  
ABSOLUTE LUMINOUS FLUX (LUMENS): 1171  
LUMEN EFFICACY (LUMENS PER WATT): 94

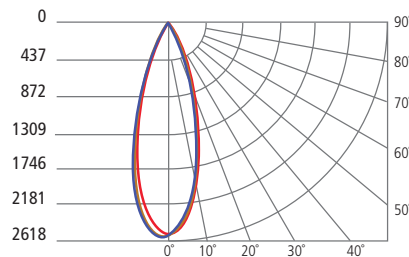
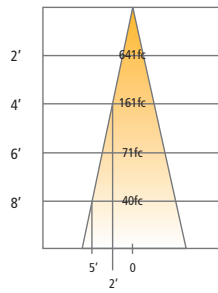
ANGLE	0°	45°	90°
0°	3820	3820	3820
5°	3486	3447	3358
10°	2520	2497	2435
15°	1646	1633	1584
20°	1028	1020	991
25°	593	593	570
30°	321	3228	313
35°	180	183	175
40°	98	101	95
45°	52	54	52
50°	31	30	31
55°	18	18	18
60°	11	11	11
65°	7	7	7
70°	2	2	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



DESCRIPTION: LED Multiples  
30° Beam - 0° Tilt, 3000K  
MODEL: LED Multiples 30° Low

INPUT POWER (WATTS): 12.4  
INPUT POWER FACTOR: 0.98  
ABSOLUTE LUMINOUS FLUX (LUMENS): 1023  
LUMEN EFFICACY (LUMENS PER WATT): 84

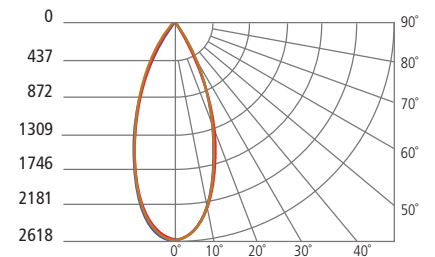
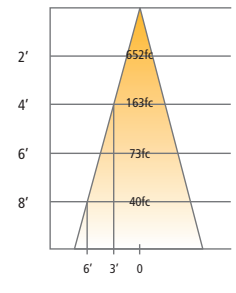
ANGLE	0°	45°	90°
0°	2566	2566	2566
5°	2484	2467	2416
10°	2112	2084	1987
15°	1541	1507	1401
20°	990	960	870
25°	578	562	501
30°	317	309	277
35°	171	169	155
40°	95	95	93
45°	58	60	58
50°	39	39	40
55°	26	27	29
60°	17	18	19
65°	11	11	11
70°	7	7	6
75°	2	2	1
80°	0	0	0
85°	0	0	0
90°	0	0	0



DESCRIPTION: LED Multiples  
40° Beam - 0° Tilt, 3000K  
MODEL: LED Multiples 40° Low

INPUT POWER (WATTS): 12.4  
INPUT POWER FACTOR: 0.98  
ABSOLUTE LUMINOUS FLUX (LUMENS): 1256  
LUMEN EFFICACY (LUMENS PER WATT): 101

ANGLE	0°	45°	90°
0°	2604	2604	2604
5°	2543	2542	2506
10°	2328	2306	2253
15°	1943	1914	1828
20°	1435	1398	1288
25°	876	839	752
30°	449	431	378
35°	213	207	180
40°	98	96	88
45°	50	50	46
50°	29	27	26
55°	17	15	14
60°	10	10	10
65°	6	6	6
70°	2	2	2
75°	1	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

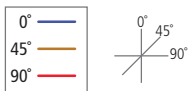
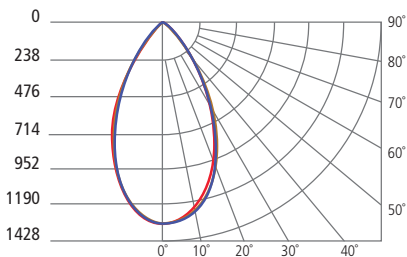
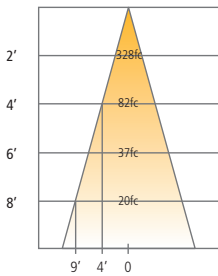


## PHOTOMETRICS: 60° BEAM, GENERAL ILLUMINATION, WALL WASH

DESCRIPTION: LED Multiples  
60° Beam - 0° Tilt, 3000K  
MODEL: LED Multiples 60° Low

INPUT POWER (WATTS): 14.6  
INPUT POWER FACTOR: 0.98  
ABSOLUTE LUMINOUS FLUX (LUMENS): 1283  
LUMEN EFFICACY (LUMENS PER WATT): 88

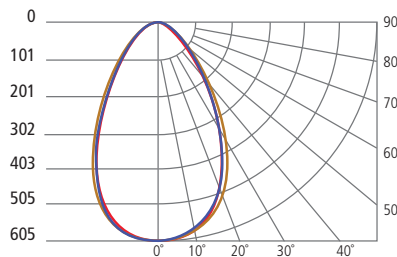
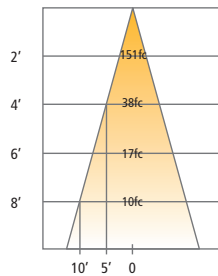
ANGLE	0°	45°	90°
0°	1315	1315	1315
5°	1303	1296	1286
10°	1242	1228	1216
15°	1136	1128	1106
20°	1000	996	959
25°	837	822	790
30°	649	622	601
35°	462	445	390
40°	312	305	289
45°	206	195	183
50°	126	119	109
55°	73	69	61
60°	39	37	32
65°	20	19	15
70°	7	7	5
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



DESCRIPTION: LED Multiples  
General Illumination - 3000K  
MODEL: LED Multiples GI Low

INPUT POWER (WATTS): 13.9  
INPUT POWER FACTOR: 0.98  
ABSOLUTE LUMINOUS FLUX (LUMENS): 1015  
LUMEN EFFICACY (LUMENS PER WATT): 73

ANGLE	0°	45°	90°
0°	783	783	783
5°	772	776	775
10°	749	753	751
15°	707	714	707
20°	639	656	632
25°	541	571	530
30°	430	464	420
35°	330	357	322
40°	248	265	244
45°	186	192	181
50°	137	139	133
55°	101	99	98
60°	70	68	69
65°	45	42	43
70°	21	21	21
75°	5	6	4
80°	0	1	1
85°	0	0	0
90°	0	0	0



DESCRIPTION: LED Multiples  
Wall Wash - 3000K  
MODEL: LED Multiples WW Low

INPUT POWER (WATTS): 14.1  
INPUT POWER FACTOR: 0.98  
ABSOLUTE LUMINOUS FLUX (LUMENS): 989  
LUMEN EFFICACY (LUMENS PER WATT): 70

ANGLE	0°	45°	90°
0°	624	624	624
5°	690	664	614
10°	726	687	591
15°	743	687	552
20°	741	665	499
25°	722	624	432
30°	682	564	357
35°	620	491	282
40°	536	405	219
45°	432	319	168
50°	326	246	127
55°	242	184	96
60°	176	132	70
65°	125	93	49
70°	86	62	29
75°	56	37	12
80°	30	18	4
85°	7	4	0
90°	0	0	0

