breez™ Series (BZL)
RECESSED INDIRECT LED LUMINAIRES

Application Guide

The Breez Series LED luminaire presents minimal proportions and interruptions along the ceiling plane to ensure a clean, sophisticated appearance that complements today's modern architectural ceilings. The graceful gull-wing reflector design and highly-reflective optical coating combine to create a fully-indirect, efficient optical system.

Volumetric lighting is ideal for offices, schools, hospitals, retail, and other workspaces because it enhances the environment with an even distribution of light to eliminate glare and dark spots.

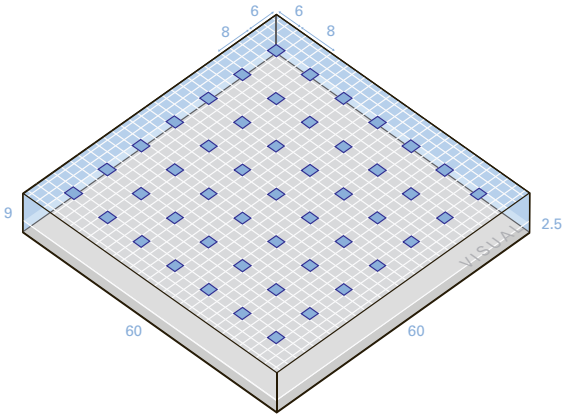
Optional integrated controls provide additional design flexibility and optimum energy savings.

LED (2'x2' BZL - EZ1 LP835)

Spacing	Luminaire	Wattage	Average FC	Power Density
8' x 8'	2BZL2 24L	24	28	0.33 W/ft²
	2BZL2 30L	33	36	0.45 W/ft²
	2BZL2 34L	39	43	0.55 W/ft²

Fluorescent

Spacing	Luminaire	Wattage	Average FC	Power Density
8' x 8'	2VT5 24T5H0 ADP	51	40	0.69 W/ft²
	2RT5 24T5HO	53	37	0.72 W/ft²
	2PM3N 317 9LD	43	30	0.64 W/ft²
	2AV 2CF40 MDR	67	49	0.91 W/ft²
	2VT8 317 ADP	43	32	0.59 W/ft²

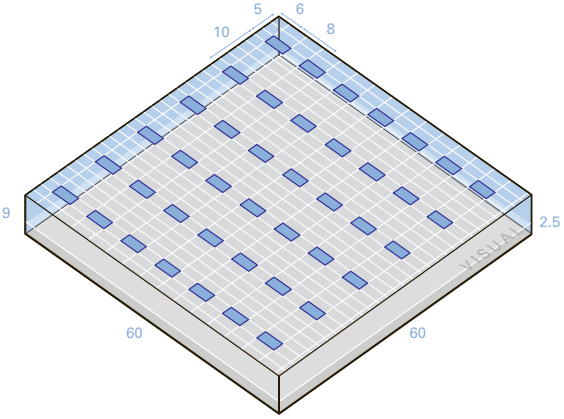


LED (2'x4' BZL - EZ1 LP835)

Spacing	Luminaire	Wattage	Average FC	Power Density
10' x 8'	2BZL4 40L	39	41	0.45 W/ft²
	2BZL4 48L	46	48	0.53 W/ft²
	2BZL4 60L	58	59	0.67 W/ft²

Fluorescent

Spacing	Luminaire	Wattage	Average FC	Power Density
10' x 8'	2AV 232 MDR	58	35	0.68 W/ft²
	2AV 332 MDR	88	52	1.03 W/ft²
	2RT5 28T5	60	51	0.70 W/ft²
	2RT8S 232	55	47	0.64 W/ft²
	2VT8 232 ADP	56	40	0.65 W/ft²



Based on 60'x60' Room: 9' ceiling; 80/50/20 reflectances; 2.5' workplane; 3500K CCT
LLF for LED: 0.85
LLF for Fluorescent: T8 / 0.75; T5 / 0.86

SUGGESTED REPLACEMENT GUIDE on next page...

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Suggested Replacement Guide FOR EXISTING LITHONIA LIGHTING FLUORESCENT LUMINAIRES

2'x2' (2BZL2 - EZ1 LP835)

Fluorescent	Input Watts	Delivered Lumens	Breez Series LED	Input Watts	Delivered Lumens	SAVINGS
2AV 3 17 MDR	47	2,461	2BZL2 24L	24	2,397	49%
2AV 2 24T5 MDR	54	2,487	2BZL2 24L	24	2,397	56%
2AV 3 24T5 MDR	76	3,407	2BZL2 34L	37	3,394	51%
2RT5 24T5	53	3,028	2BZL2 30L	33	3,098	38%
2RT8 217	28	2,137	2BZL2 24L	24	2,397	14%
2VT8 2 17 ADP	32	2,243	2BZL2 24L	24	2,397	25%
2VT5 2 24T5 ADP	51	3,341	2BZL2 34L	37	3,394	27%
2AL5 2 14T5	33	2,110	2BZL2 24L	24	2,397	27%
2AL8 2 17	31	2,218	2BZL2 24L	24	2,397	23%

2'x4' (2BZL4 - EZ1 LP835)

Fluorescent	Input Watts	Delivered Lumens	Breez Series LED	Input Watts	Delivered Lumens	SAVINGS
2AV 2 28T5 MDR	66	3,977	2BZL4 40L	39	4,143	41%
2AV 3 28T5 MDR	93	5,327	2BZL4 48L	46	4,793	51%
			2BZL4 60L	58	5,904	38%
2AV 2 32 MDR	58	3,882	2BZL4 40L	39	4,143	33%
2AV 3 32 MDR	88	5,837	2BZL4 60L	58	5,904	34%
2RT5 28T5	60	4,908	2BZL4 48L	46	4,793	23%
2RT8 232	55	4,515	2BZL4 48L	46	4,793	16%
2VT8 2 28T5 ADP	63	4,686	2BZL4 48L	46	4,793	27%
2VT8 2 32 ADP	56	4,555	2BZL4 40L	39	4,143	30%
			2BZL4 48L	46	4,793	18%
2AL5 2 28T5	65	4,789	2BZL4 48L	46	4,793	29%
2AL8 2 32	46	4,644	2BZL4 48L	46	4,793	0%