



FOCAL POINT®

Equation™



Find balance. Create Identity. Transform your space.

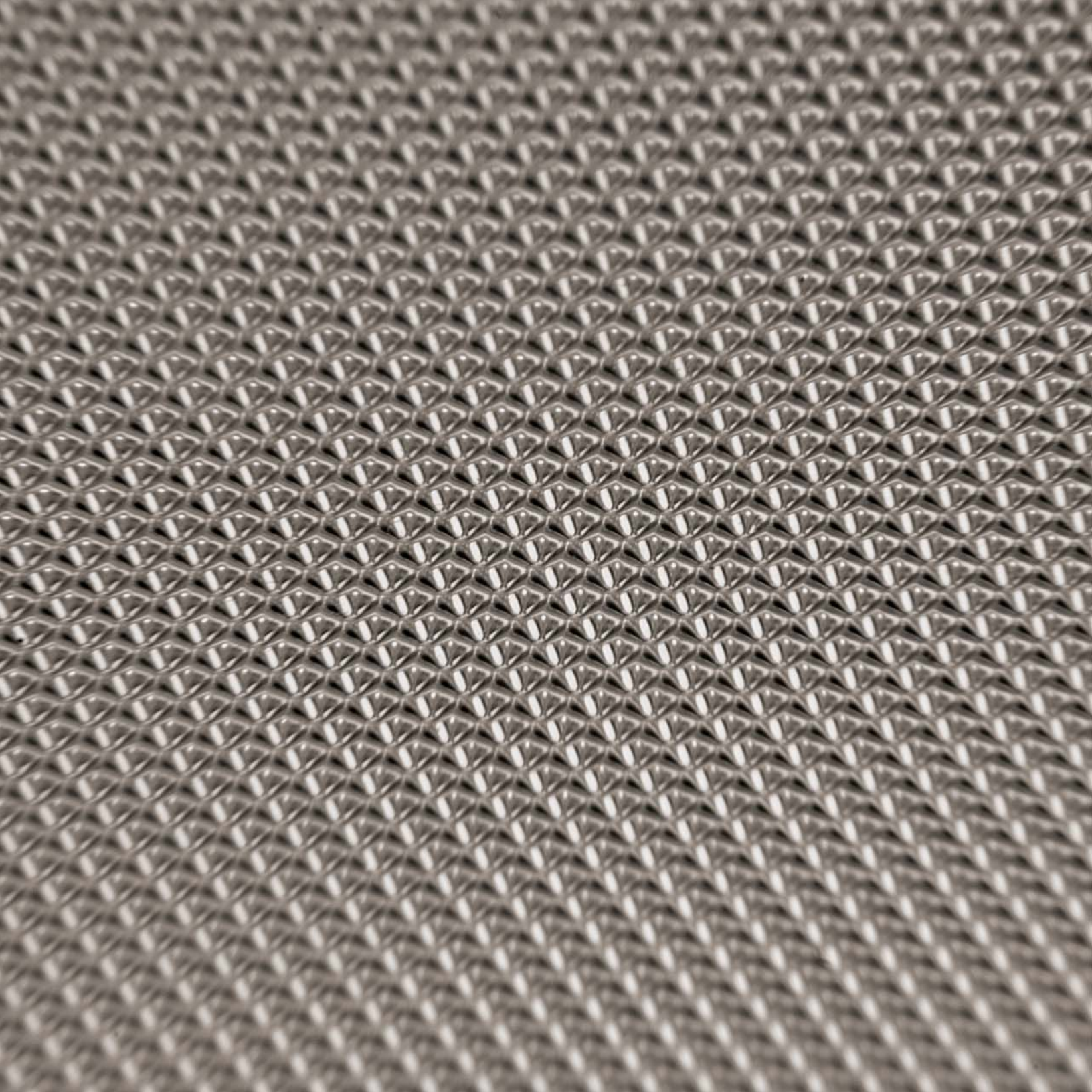
Focal Point® is proud to introduce Equation™, a new recessed luminaire with the perfect combination of modern aesthetics and outstanding performance.

Featuring MicroGlow™ lens technology, Equation delivers efficient, uniform illumination with a soft visual appearance. Available in multiple sizes and lamp configurations, Equation's sleek architecture truly expresses The Art of Light®.

Aesthetics + Performance =
Equation™

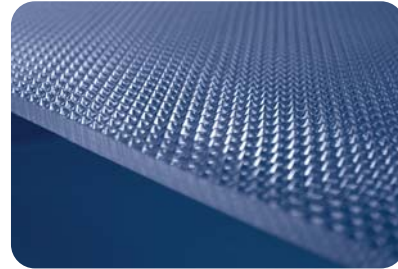






MicroGlow™

MicroGlow™ is a precision molded acrylic lens with micro-prisms crafted for 92% light transmission. At the center of Equation, MicroGlow™ produces a soft textured appearance while expertly controlling high-angle brightness. This forward-thinking material contributes to a glare-free environment and luminaire efficiencies as high as 83%.



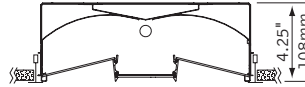
MicroGlow™ is further enhanced by frosted acrylic side panels that produce a smooth gradient of illumination from center to edge.



Available Sizes & Lamp Configurations



1'x4' Luminaire



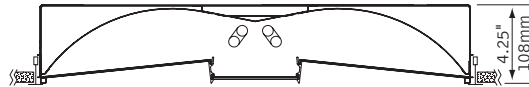
1 & 2 Lamp
T5/T5HO



2 Lamp
T8



2'x2' Luminaire



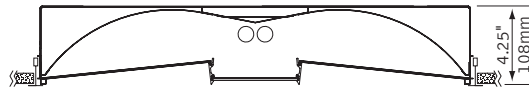
1 & 2 Lamp
T5/T5HO



1 & 2 Lamp
BIAx



2'x4' Luminaire



1 & 2 Lamp
T5/T5HO



2 Lamp
T8



Details & Available Options



Accent Rails

Equation™ offers two finish options for the aluminum accent rails. Choose the rich look of the anodized aluminum finish or the high performance matte white finish for maximum efficiency.



QuickLatch™

Hinging center diffuser with QuickLatch™ hinge allows tool-less lamp access. Captive center diffuser ideal for applications requiring seismic compliant luminaires.



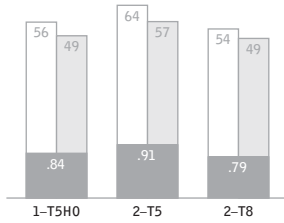
Air Return

Minimal slotted reveal around luminaire base blends into ceiling grid.

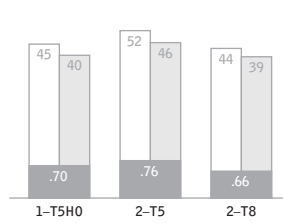
Design Guide

1'x4' Luminaire

8'x8' Spacing



8'x10' Spacing



Average Footcandle Levels

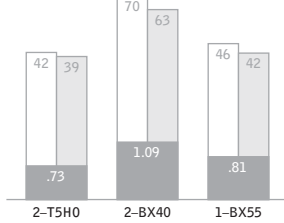
- High Performance Matte White Accent Rails
- Anodized Aluminum Accent Rails

Power Density

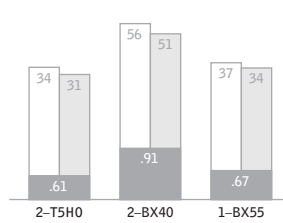
- Watts Per Square Foot

2'x2' Luminaire

8'x8' Spacing

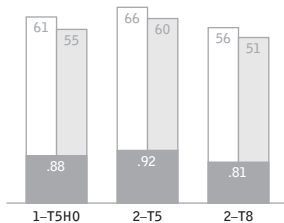


8'x10' Spacing

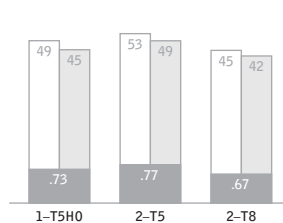


2'x4' Luminaire

8'x8' Spacing



8'x10' Spacing



Room Details

Room size: 50'x50'

Ceiling height: 9'

Reflectances: 80/50/20

LLF: T8-.75

T5, T5H0 & Biax-.86

BF: T8-.88

T5, T5H0 & 55 W Biax-1.0

40 W Biax-.90

Light levels calculated in AGI-32 at 8' & 9' ceiling heights are very similar. The average variable is about .5 footcandles.

Note: Calculations do not include any furniture or partitions.

Ordering Information

1'x4'

Luminaire Series		<u>FEQ</u>
Equation	FEQ	
Nominal Size		<u>14</u>
1' x 4'	14	
Distribution		<u>B</u>
Bi-Directional	B	
Lamp Quantity		_____
One Lamp	1	
Two Lamps	2	
Lamp Type		_____
T8 <small>(two lamps only)</small>	T8	
T5	T5	
T5H0	T5H0	
Ballast		_____
Electronic Instant Start <20% THD <small>(T8 only)</small>	E	
Electronic Program Start <10% THD	S	
Electronic Dimming Ballast <small>(consult factory for dimming availability)</small>	D	
Voltage		_____
120 Volt	120	
277 Volt	277	
347 Volt <small>(consult factory for availability)</small>	347	
Mounting		_____
15/16" Grid	G1	
9/16" Grid	G2	
9/16" Slot Tee	G3	
Shielding		_____
Natural Anodized Accent Rails	AL	
High Performance White Accent Rails	WP	
Factory Options		_____
Air Return	AR	
Chicago Plenum	CP	
Drywall Frame Kit	DF	
Emergency Battery Pack	EM	
HLR/GLR Fuse	FU	
Flex Whip	FW	
Include 3000K Lamp	L830	
Include 3500K Lamp	L835	
Include 4100K Lamp	L841	
Separate Circuit	SC	
Finish		<u>WH</u>
Matte Satin White	WH	

2'x2'

Luminaire Series		<u>FEQ</u>
Equation	FEQ	
Nominal Size		<u>22</u>
2' x 2'	22	
Distribution		<u>B</u>
Bi-Directional	B	
Lamp Quantity		_____
One Lamp	1	
Two Lamps	2	
Lamp Type		_____
40 Watt Biax	BX40	
50 Watt Biax	BX50	
55 Watt Biax	BX55	
T5	T5	
T5H0	T5H0	
Ballast		_____
Electronic Instant Start <20% THD <small>(biax only)</small>	E	
Electronic Program Start <10% THD	S	
Electronic Dimming Ballast <small>(consult factory for dimming availability)</small>	D	
Voltage		_____
120 Volt	120	
277 Volt	277	
347 Volt <small>(consult factory for availability)</small>	347	
Mounting		_____
15/16" Grid	G1	
9/16" Grid	G2	
9/16" Slot Tee	G3	
Shielding		_____
Natural Anodized Accent Rails	AL	
High Performance White Accent Rails	WP	
Factory Options		_____
Air Return	AR	
Chicago Plenum	CP	
Drywall Frame Kit	DF	
Emergency Battery Pack	EM	
HLR/GLR Fuse	FU	
Flex Whip	FW	
Include 3000K Lamp	L830	
Include 3500K Lamp	L835	
Include 4100K Lamp	L841	
Separate Circuit	SC	
Finish		<u>WH</u>
Matte Satin White	WH	

2'x4'

Luminaire Series		<u>FEQ</u>
Equation	FEQ	
Nominal Size		<u>24</u>
2' x 4'	24	
Distribution		<u>B</u>
Bi-Directional	B	
Lamp Quantity		—
One Lamp	1	
Two Lamps	2	
Lamp Type		—
T8	T8	
(two lamps only)		
T5	T5	
T5HO	T5HO	
Ballast		—
Electronic Instant Start <20% THD	E	
(T8 only)		
Electronic Program Start <10% THD	S	
Electronic Dimming Ballast	D	
(consult factory for dimming availability)		
Voltage		—
120 Volt	120	
277 Volt	277	
347 Volt	347	
(consult factory for availability)		
Mounting		—
15/16" Grid	G1	
9/16" Grid	G2	
9/16" Slot Tee	G3	
Shielding		—
Natural Anodized Accent Rails	AL	
High Performance White Accent Rails	WP	
Factory Options		
Air Return	AR	—
Chicago Plenum	CP	—
Drywall Frame Kit	DF	—
Emergency Battery Pack	EM	—
HLR/GLR Fuse	FU	—
Flex Whip	FW	—
Include 3000K Lamp	L830	—
Include 3500K Lamp	L835	—
Include 4100K Lamp	L841	—
Separate Circuit	SC	—
Finish		<u>WH</u>
Matte Satin White	WH	

T H E
A R T O F
L I G H T®

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