

USG Ceilings Plus[®] PLANX[™] UNIVERSAL+ILLUMINANCE[™]

ILLUMINATED LINEAR METAL PANEL SYSTEM

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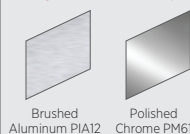
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FINISHES

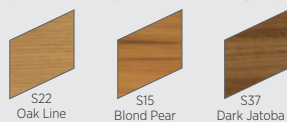
PAINTED - ON METAL



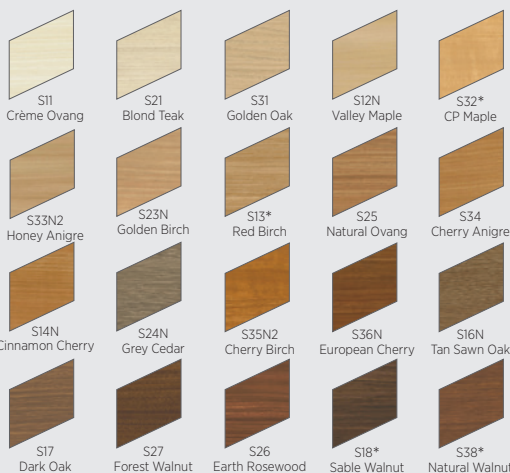
ANODIZED METALS



SARANTE[®] - STANDARD FINISHES



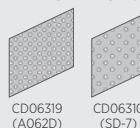
SARANTE[®] - PREMIUM FINISHES



TIMBRE[™] - PRINTED WOOD GRAIN



PERFORATIONS



ACOUSTICS



*Available in Exterior

FEATURES AND BENEFITS

- Planx[™] Universal now available with Illuminance[™] lighting – a factory integrated turn-key downlights solution.
- Flexible mounting arrangements for ceiling or wall applications.
- Acoustical performance utilizing perforations and sound absorbing materials.
- Universal carrier provides effortless transitions between linear panel types and sizes.
- Available in custom finishes, sizes, perforations, and layouts.
- Class A per ASTM E84 & CAN/ULC S102.

APPLICATIONS





- Interior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Wall Applications
- Sloped Ceilings
- New Construction
- Downward Accessible
- Concealed Grid

Design Solutions (Pre-Engineered)



USG Ceilings Plus® PLANX™ UNIVERSAL+ILLUMINANCE™

ILLUMINATED LINEAR METAL PANEL SYSTEM

PERFORMANCE OPTIONS (Ceiling Components)

Application	Grid Options	Finish	Accessibility	Acoustics	NRC	Perforation	Fire Rating	Recycled Content	Maintenance
									
Interior, Exterior (per SC2561)	Carrier Assembly Utilizing Standard Tee Grid	Painted, Anodized, Sarante™, Timbre™	Limited Snap-in, Interlocking Progressive Install	Acoustibond™, Ultrasorb, Fiberglass in Polybag	0.70 - 0.95 (Requires Ultrasorb and perforations)	Standard, Custom	Class A, ASTM E84, CAN/ULC S102	Up to 90% finish dependent (hardware excluded)	See architectural specification

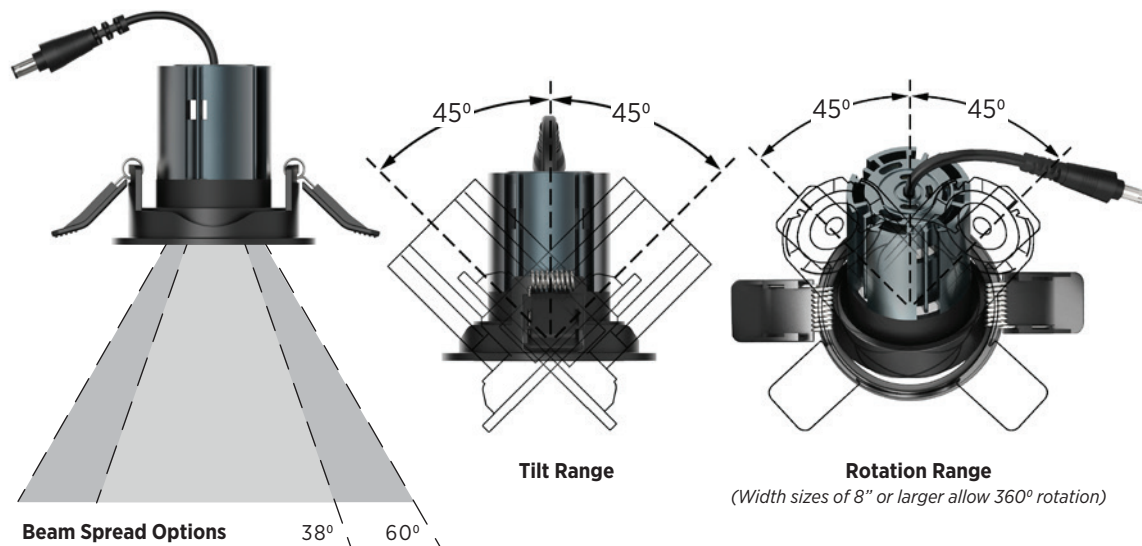
PERFORMANCE OPTIONS (Lighting Components)

Application	Integration	Approvals	Operating Voltage	Certification	Dimming	Light Output	Beam Angle	Average Power Consumption (per fixture)	Efficacy Lm/W	Maximum per Power Node	CRI
						3500K, 4000K, Tunable					
Interior	Full Integrated Design, Full Factory Installed Product	Class-2, 96W Damp Listed	24 VDC Power Distribution Node	UL Listed	0-10V, Triac, Phase	1000Lm, 1000Lm, 880Lm	38° Aimable 60° Aimable	13W	77	6 Fixtures per node (96W driver)	98

SYSTEM DETAILS

Light Color Options:

- 3500K
- 4000K



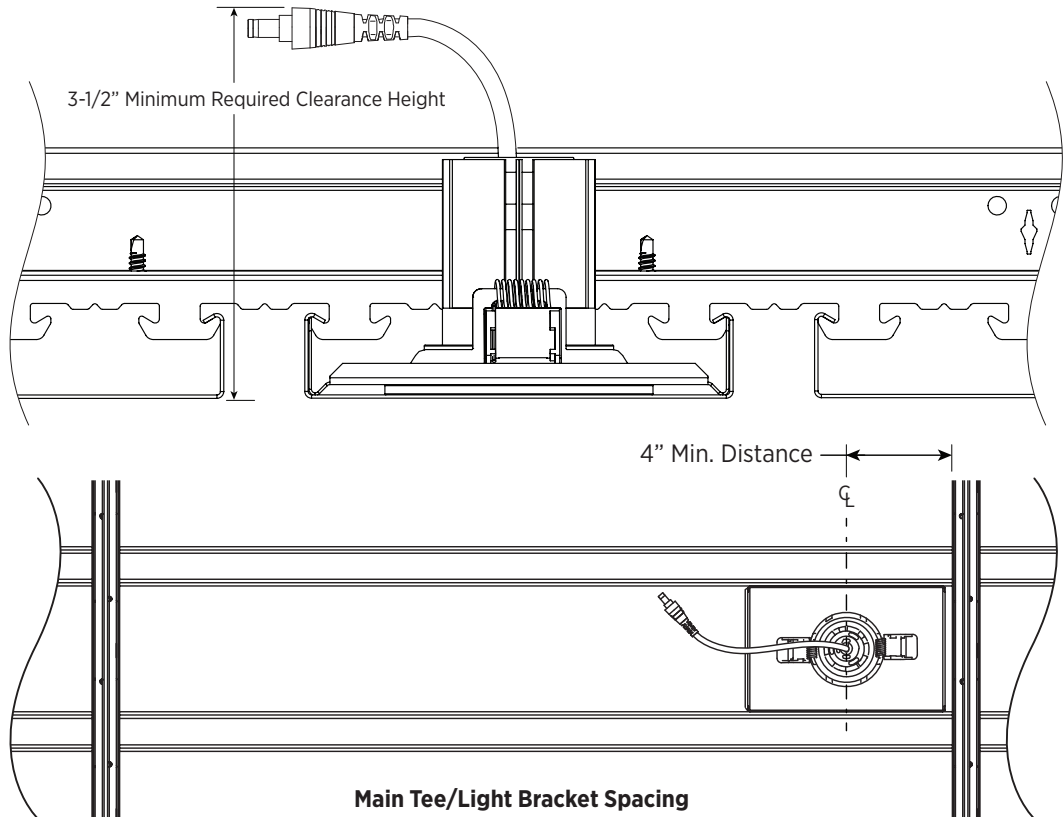
Design Solutions (Pre-Engineered)

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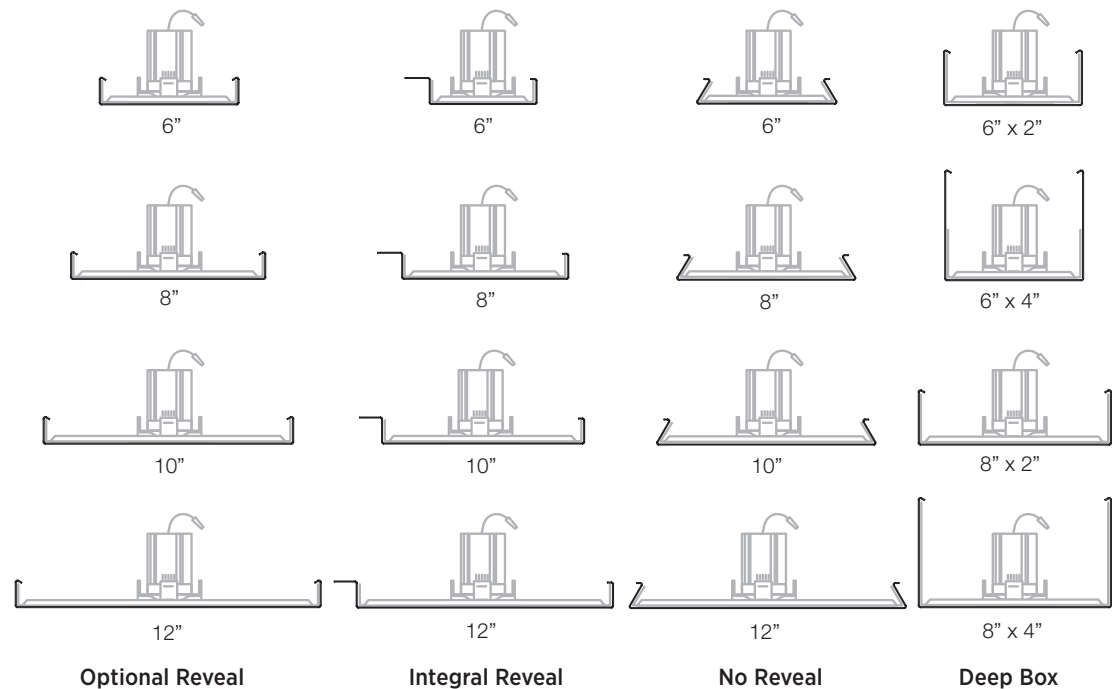
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SYSTEM DETAILS



PRE-ENGINEERED SIZES

Profile Options



Design Solutions (Pre-Engineered)

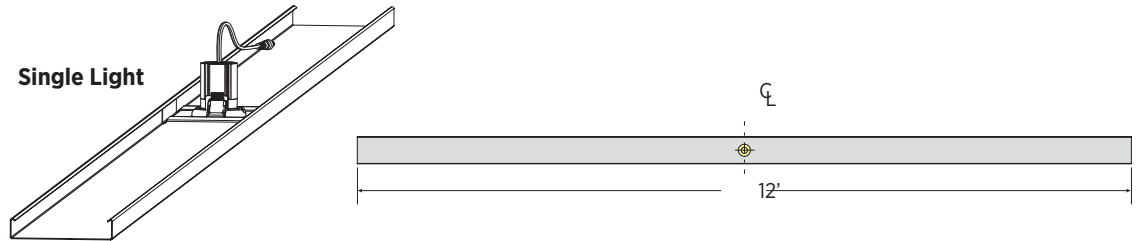
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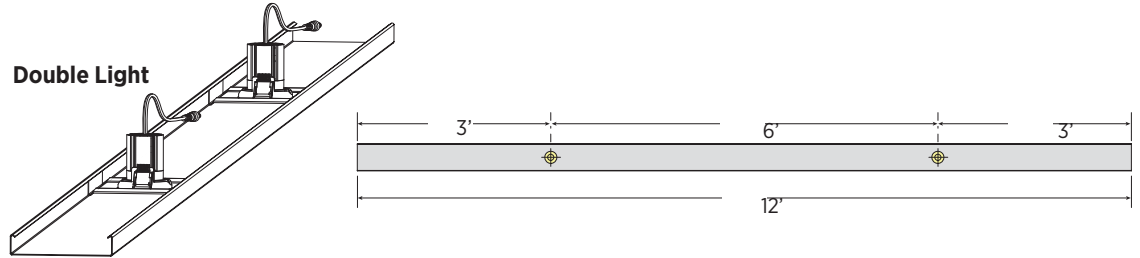
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PRE-ENGINEERED SIZES

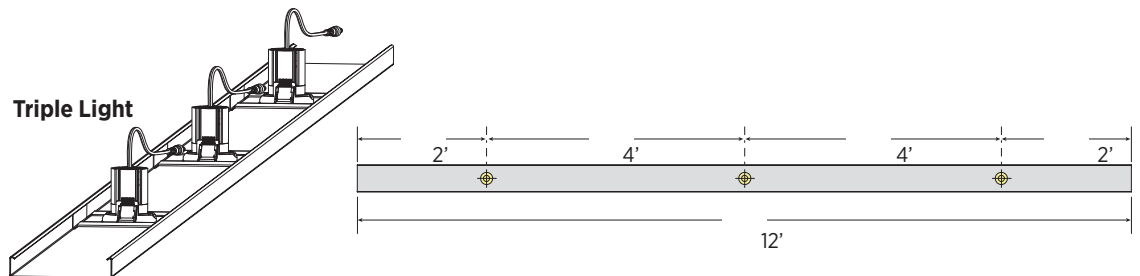
Single Light



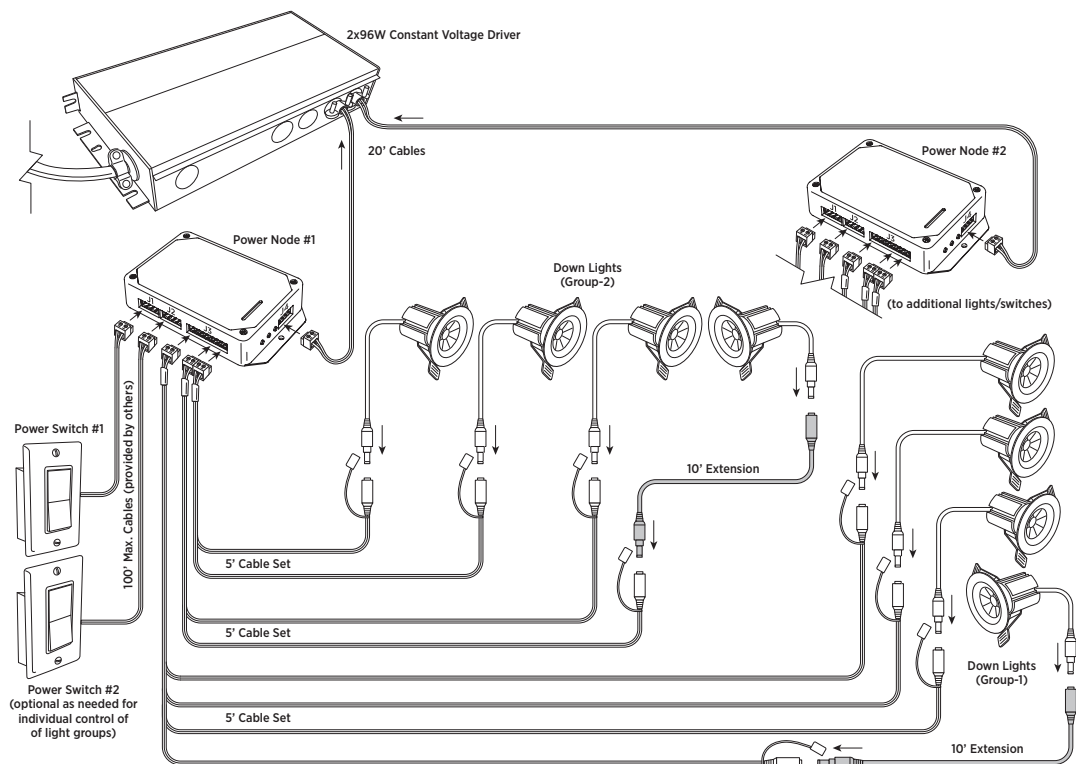
Double Light



Triple Light



POWER DETAILS



Custom

USG Ceilings Plus®

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ORDER SAMPLES/LITERATURE
Contact your local sales rep.

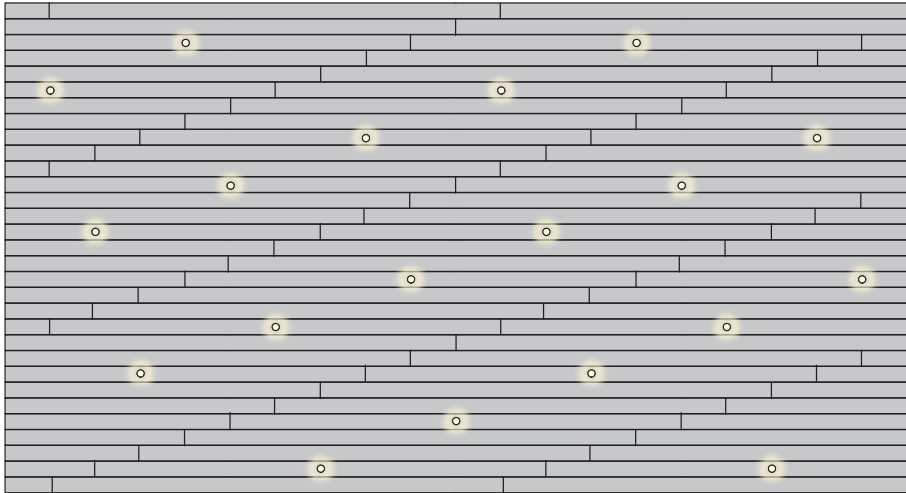
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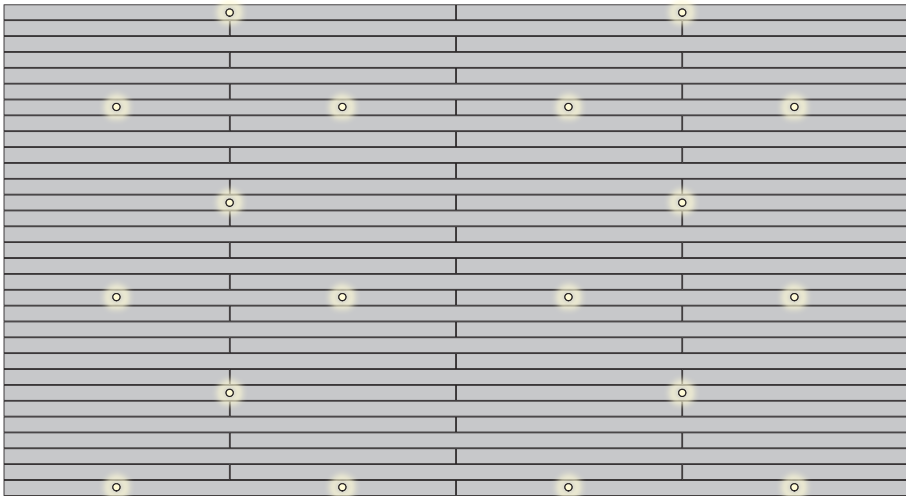
TYPICAL LAYOUTS

Typical layouts here are shown for visual representation only.
Proper spacing should always be determined by lighting designer.

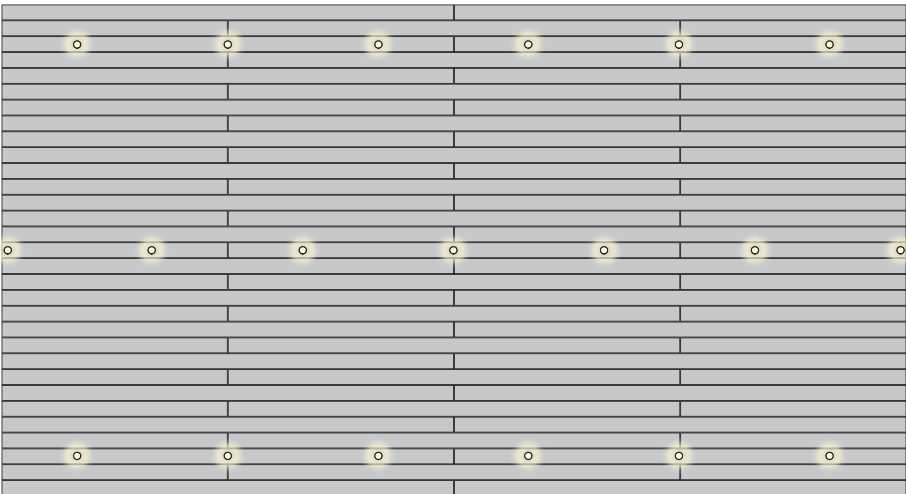
1-Light System



2-Light/1-Light System



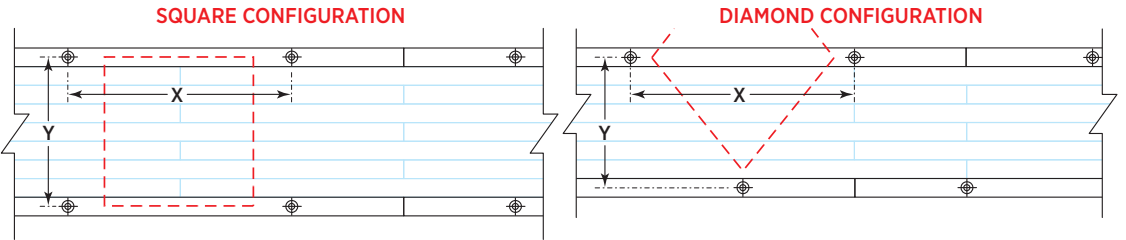
3-Light System



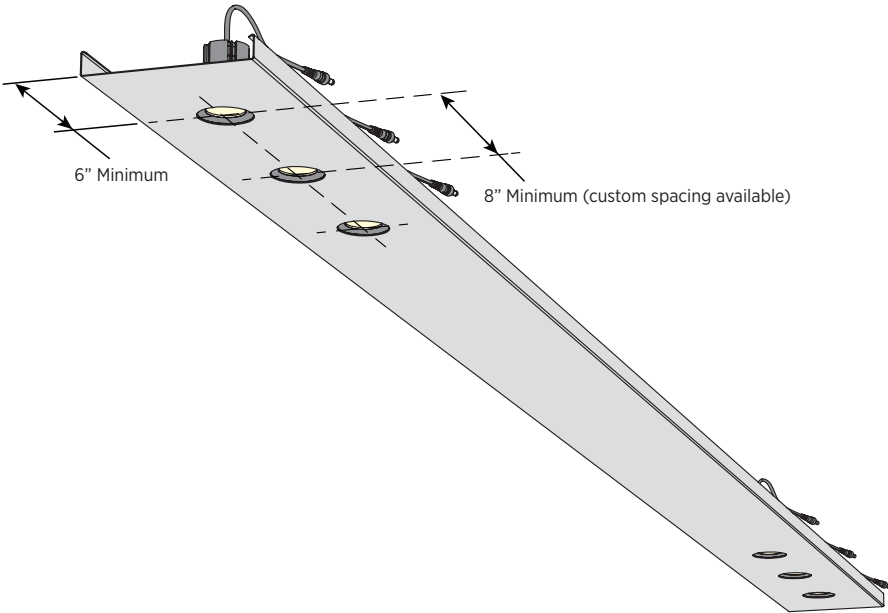
FOOTCANDLE
TARGETS

Light spacing for footcandle targets provided as a general guide. Actual spacing should always be reviewed by lighting designer based on unique room conditions and requirements.

TARGET FOOTCANDLES = 30				
CEILING HEIGHT	9 ft. (60°)	12 ft. (60°)	15 ft. (38°)	20 ft. (38°)
Fixture Quantity per 1000sqft	50	55	50	55
1-Light Plank (X fixed @12ft spacing)	Y=24"	Y=22"	Y=24"	Y=22"
2-Light Plank (X fixed @6ft spacing)	Y=46"	Y=42"	Y=46"	Y=42"
3-Light Plank (X fixed @4ft spacing)	Y=72"	Y=66"	Y=72"	Y=66"



CUSTOM



PHYSICAL DATA

Additional Documents and Resources
Architectural Specification - IC372132
Installation Manual - IC370412
Handling Guide IC518
Warranty SC2102

Fire Classification
ASTM E84 and CAN/ULC S102 surface-burning characteristics (with Acoustibond™ backer)
Class A
Flame spread: 25 or less
Smoke developed: 50 or less

Suspension System
Planx™ Universal suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Not seismically tested with down lights. Calculations to support grid and "heavy duty" rating is available upon request.

Seismic Compliance
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full letter is available upon request.

Structural Test Reports
USG Ceilings Plus has developed Planx™ Universal ceiling systems to meet ASTM 635, ASTM 636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

Integration
Planx™ Universal can accommodate a full range of Third-Party systems for any design intent. Air diffusers, lighting, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.usg.com.

Modification
Panels are easily modified in the field with standard tools. See our full list of CAD details available online at www.usg.com.

Acoustics
Utilizing perforations and sound absorbing materials, we can meet your NRC requirement with Acoustibond and/or Ultrasorb. Fiberglass batts and duct liner are available upon request.

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

