

# BL t-barGRID 1516TF

T-Bar Linear Lighting  
12W & 24W, 24VDC

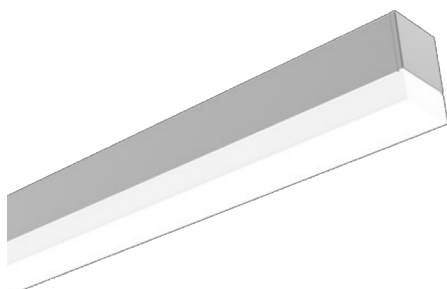


BL t-barGRID is an illuminated LED grid ceiling system, designed to modernize your suspended grid ceiling lighting with an eye-catching architectural linear aesthetic. Available in 2ft and 4ft lengths, BL t-barGRID is easily installed directly to the 15/16" cross bar tees of a 2x2' or 2x4' drop ceiling. The powerful LED delivers up to 700 lm/ft and is an efficient 117 lumens per watt. Full dimming and 6 lens options ensure comfortable lighting in any indoor environment. Create patterns, frame and configure linear ceiling elements in commercial, retail and public spaces, and enhance offices, lobbies, long corridors, conference and classrooms with a fresh, contemporary look.

Up to 700lm/FT 24VDC

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

## Product Detail



IP20



DIM



LISTED



LOW

Lighting	Power	12W (2FT) & 24W (4FT)
	Beam Angle	165°
	Average Life	50,000 Hours
Electrical	Controls	0-10V, PWM
	Input Voltage	24VDC
	Circuit	Class 2
	Recommended Dimmers	Lutron Nova Series, Lutron Diva Series
Mechanical	Fixture lengths	2FT (609mm) and 4FT (1218mm)
	Housing Construction	Aluminum and Polycarbonate
	Color Options	White, Black
	Grid Type	15/16"
	Mounting	T-bar rotary clip
Environmental	Ingress Protection	IP20
	Certifications	UL
	Operating Temperature	32°F to 95°F (0°C to 35°C)

## Performance

Power	W/unit	12W (2FT unit)			24W (4FT unit)		
CCT	CCT	3000K	3500K	4000K	3000K	3500K	4000K
Lumens	lm/unit	1400			2800		
Efficacy	lm/W	117					
CRI	CRI	90					

## Ordering

Product Code	Length	CCT	Lens	Finish
BL t-barGRID 1516TF				
	24 (2FT)	3000K	FF (Frosted Flat)	WH (White)
	48 (4FT)	3500K	PR (Prismatic)	BK (Black)
		4000K	LV30 (Parabolic Louver 30°)	
			LV60 (Parabolic Louver 60°)	
			AY (Asymmetric)	
			DA (Double Asymmetric)	
			TF (Three Sided Diffusion)	

### BL LIGHTING ILLUMINATE EVERYTHING

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P: 1-804-874-4405 E: info@bllighting.com  
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Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty.

Designed & Assembled in North America.

Specifications subject to change without notice. Please refer to our website at [bllighting.com](http://bllighting.com) for current technical data.

For more information,  
please download the  
BL LIGHTING catalog

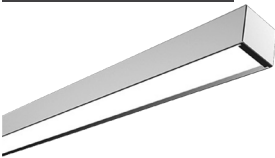
[bllighting.com](http://bllighting.com)



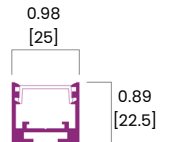
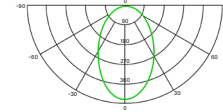
## Optical Systems

Measurements in inch (mm)

### Frosted Flat



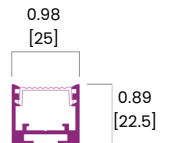
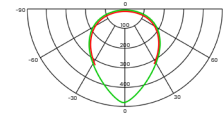
**Description:**  
Homogeneous luminous surface.  
Best choice for general illumination  
of public spaces.



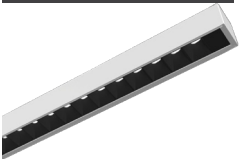
### Prismatic



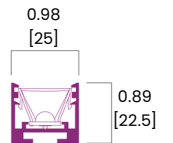
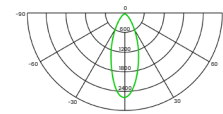
**Description:**  
Anti-glare diffuser, the standard  
option for office spaces.



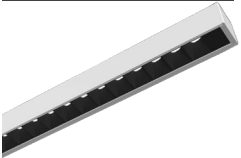
### Parabolic Louver 30°



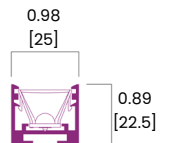
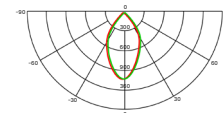
**Description:**  
Focused light beam. Eye-friendly  
option ideal for task lighting.



### Parabolic Louver 60°



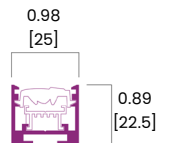
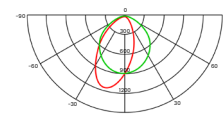
**Description:**  
Focused light beam. Eye-friendly  
option ideal for task lighting.



### Asymmetric\*



**Description:**  
Asymmetrical beam angle with  
excellent light uniformity. Ideal for  
vertical surfaces illumination.

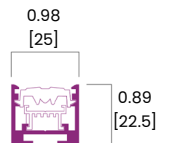
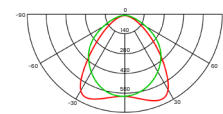


\*MOQ required, please consult BL Lighting

### Double Asymmetric\*

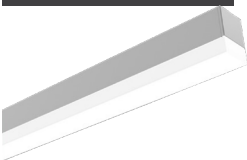


**Description:**  
Double Asymmetrical distribution  
for illuminating two vertical surfaces  
with homogeneous distribution.



\*MOQ required, please consult BL Lighting

### Three Sided Diffusion



**Description:**  
Three sided lighting for a brighter  
environment with larger luminous  
area.

