

The logo for JADEMAR LIGHTING. The word "JADEMAR" is in a large, blue, sans-serif font. Below it, the word "LIGHTING" is in a smaller, white, sans-serif font, with a registered trademark symbol (®) to its right. The letters are separated by thin white lines.

JADEMAR

L I G H T I N G ®

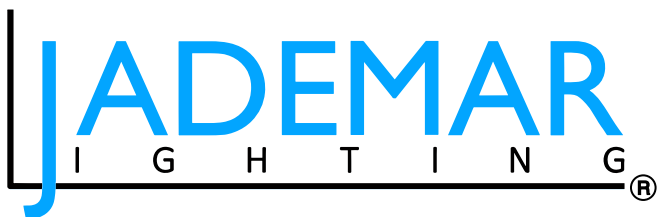
A wide-angle photograph of a modern office interior. The ceiling is a white grid system with recessed linear lighting fixtures. Large windows on the left side offer a view of a city skyline. In the foreground, there are white desks with computer monitors and chairs.

JTGRID SERIES

15/16" & 9/16" T-GRID LINEAR LIGHTING SYSTEM



- Slim, convenient and elegant
- Dedicated for suspended grid ceiling system
- Now Available in 2' / 4' / 6' / 8' as well as in custom Length
- CCT: 23K / 27K / 30K / 35K / 40K / 50K / 60K



JTGRID SERIES T-GRID LIGHTING SYSTEM

PRODUCT DESCRIPTION

The **JTGRID T-Grid LED lighting system** with unique profile design allows design flexibility to create square, linear as well as diagonal shapes on the ceiling. With quick snap/clip mounting LED modules designs can be changed and create different look at any time without re-doing the hard wiring. The **JTGRID Luminaire series** offers lighting designers more freedom to design since the LED module can follow the ceiling elements in many ways, which has a versatile compatibility to various T-Grids.

The JTGRID is available in 2FT, 4FT, 6FT and 8FT units compatible with 15/16" & 9/16" T-grid ceiling system, quick connect plug and play low voltage allows end user to replace light module units without needing a licensed electrician.

PRODUCT FEATURES

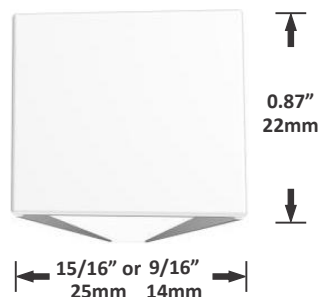
- Easy to install on existing T-Bar from down room
- Multiple light module can be powered from one driver
- Different optic and diffuser options
- Compatible with 15/16" & 9/16" T-BAR ceiling system

MOUNTING

The JTGRID linear light series comes with rotary buckle/surface clip that easily connects the 2FT, 4FT, 6FT and 8FT units to T-Grid bar with a minimum effort. It is re-usable and design on the ceiling can be re configured easily.

CONSTRUCTION

The JTGRID linear units/modules housing made of extruded AL6063 aluminum material with aluminum end caps comes with three standard colors: Silver/anodized aluminum color, white powder coated, and black powder coated. We do offer custom color options with specific RAL numbers. Lens and diffusers made of PC and they come with 10 year non-yellowing warranty.



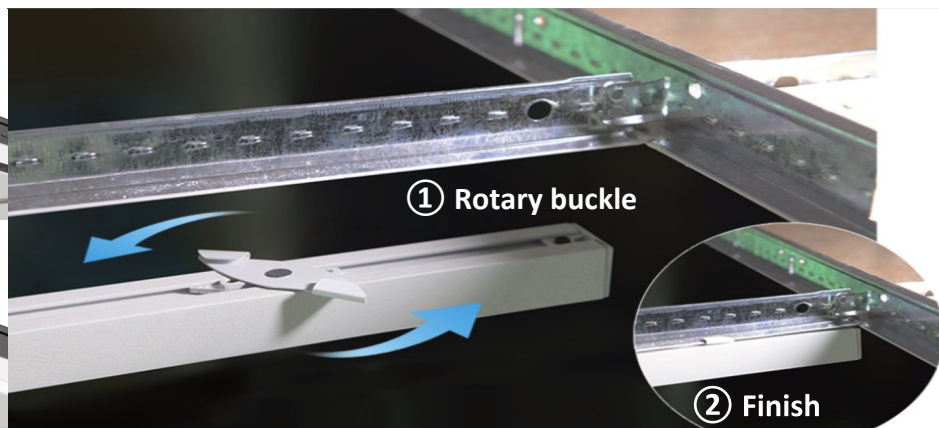
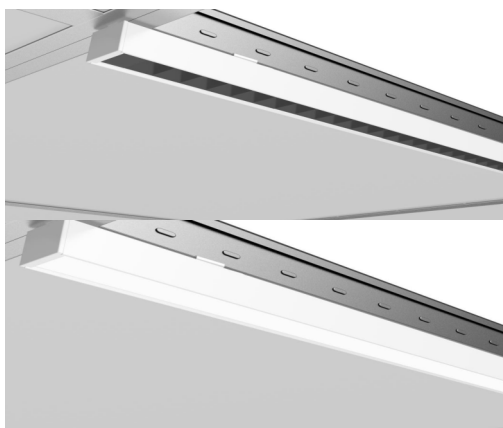
LENGTHS AVAILABLE

- 2FT | 24" | 609mm
- 4FT | 48" | 1219mm
- 6FT | 72" | 1828mm
- 8FT | 96" | 2438mm



SPECIFICATIONS

Size (LxWxH)	2FT (24") x 15/16" or 9/16" x 0.87" 4FT (48") x 15/16" or 9/16" x 0.87" 6FT (72") x 15/16" or 9/16" x 0.87" 8FT (96") x 15/16" or 9/16" x 0.87"
Wattage	12W (2FT) / 24W (4FT) / 36W (6FT) / 48W (8FT)
Efficacy (lm/W)	up to 139 lm/W
CCT	ST / HO / TW / TWW / RGBW / RGB
CRI	80CRI / 90CRI
Voltage	24VDC
THD	0.9
Dimming	0-10V Dimming Standard / 1% Dimming (Max 98W)
Light Distribution	30° / 60° / 100°
Warranty	10 Years



Quotations: quotes@jademar.com
To place an order: orders@jademar.com
Tel: (305) 640.0465 | Fax: (305) 640.0468
WWW.JADEMAR.COM



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STANDARD OUTPUT (JS-C8200)

CCT	Lumens (lm/ft)	CRI	Max Power/ft	Efficacy (lm/W)
2300K	458	Ra>90	5.6W	112
2700K	528			129
3000K	557			136
3500K	569			139
4000K	569			139
6000K	557			136

HIGH OUTPUT (JS-DS8256)

CCT	Lumens (lm/ft)	CRI	Max Power/ft	Efficacy (lm/W)
2700K	1,068	Ra>80	11.9W	129
3000K	1,124			136
3500K	1,145			138
4000K	1,170			141
5000K	1,170			141
6500K	1,124			136
2700K	907	Ra>90		109
3000K	956			115
3500K	970			118
4000K	995			120
5000K	995			120
6500K	956			115

TUNABLE WHITE STANDARD (JS-C8168SWW)

CCT	Lumens (lm/ft)	CRI	Max Power/ft	Efficacy (lm/W)
2700+6000K	562	Ra>90	6.0W	128

TUNABLE WHITE WARM (JS-C8168SWW)

CCT	Lumens (lm/ft)	CRI	Max Power/ft	Efficacy (lm/W)
2300+4000K	537	Ra>90	6.0W	122

RGBW

CCT	Lumens (lm/ft)	Max Power /ft	Efficacy (lm/W)
RGB+2700K	299	5.65W	59
RGB+3000K	299		59
RGB+4000K	320		63
RGB+6500K	309		61

RGB

CCT	Lumens (lm/ft)	Max Power /ft	Efficacy (lm/W)
620-630nm	54	4.82W	25
520-530nm	166		115
460-470nm	12		18
RGB	243		56



PROJECT NAME:	
MODEL NUMBER:	
DATE:	

JTGRID SERIES 15/16" & 9/16" T-GRID LINEAR LIGHTING SYSTEM

ORDERING INFORMATION / EXAMPLE: JTGRID-2-12W-24V-27K-AS-90-CB-NLC-FC-BK

Product Series	CCT Options	Dimming	Diffuser / Optic	CRI	Controls Options
JTGRID-2-12W-24V JTGRID-4-24W-24V JTGRID-6-36W-24V JTGRID-8-24W-24V JTGRID-8-48W-24V JTGRID-XX-XX-24V	ST - Standard Output 23K 2300K 27K 2700K 30K 3000K 35K 3500K 40K 4000K 60K 6000K HO - High Output 27K-HO 2700K 35K-HO 3500K 30K-HO 3000K 40K-HO 4000K 50K-HO 5000K 65K-HO 6500K TW - Tunable White Standard TW 2700K-6000K TWW - Tunable White Warm TWW 2300K-4000K RGBW RGB+27K RGB+2700K RGB+30K RGB+3000K RGB+40K RGB+4000K RGB+65K RGB+6500K RGB 62-63 620-630nm 52-53 520-530nm 46-47 460-470nm RGB Red / Green / Blue	Blank 0-10V Dimming (Standard) 1PD 1% Dimming* * Max 98W	FD Frosted diffuser AS Asymmetrical optic BW Batwing Optic* ML30 Micro louver optic 30 degrees* ML60 Micro louver optic 60 degrees* * Not available for 6ft & 8ft	90 90 CRI Blank 80 CRI (Standard) 90 90 CRI 90 90 CRI N/A	BTC BlueTooth® controls SR-NLC-FC Silvrair Fixture Controller, 12-24VDC, 0-10 Volt Dimming with sensor input CB-NLC-FC Casambi Fixture Controller, 12-24VDC, 0-10 Volt Dimming with sensor input BN-NLC-FC Bubblynet Fixture Controller, 12-24VDC, 0-10 Volt Dimming with sensor input SR-NLC-FC* Silvrair Fixture Controller, 12-24VDC, 0-10 Volt Dimming with sensor input - 2 Channel CB-NLC-FC* Casambi Fixture Controller, 12-24VDC, 0-10 Volt Dimming with sensor input - 2 Channel BN-NLC-FC* Bubblynet Fixture Controller, 12-24VDC, 0-10 Volt Dimming with sensor input - 2 Channel * Available for TW and TWW only
* Custom length available between 2ft & 8ft					

FIELD INSTALLED OPTIONS

BRI-CMP305-LV-BLE-SR	Silvrair, 12-24V, 0-10V DIMMING, IP20, CEILING SENSOR
BRI-CMP305-LV-BLE-CB	Casambi, 12-24V, 0-10V DIMMING, IP20, CEILING SENSOR
BRI-CMP305-LV-BLE-BN	Bubblynet, 12-24V, 0-10V DIMMING, IP20, CEILING SENSOR

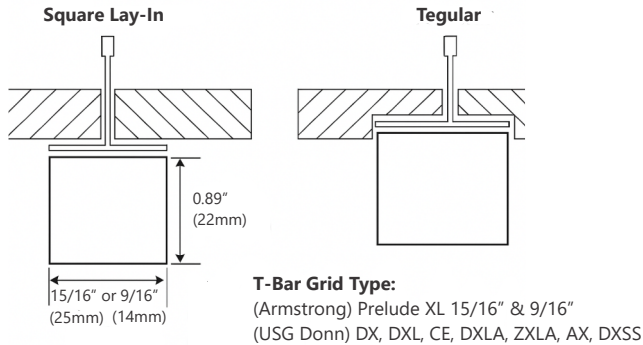
DRIVER OPTIONS

DR25W	Driver: AC-A25VD24H1.04 - 120-277V, 25W, 24VDC, 0-10 Dimming: Powers up to 2 of the 12W or 1 of the 24W units
DR60W	Driver: AC-60VD24AB2RV - 120-277V, 60W, 24VDC, 0-10 Dimming: With J-Box: Powers up to 4 of the 12W or 2 of the 24W units
DR100W	Driver: AC-100VD24AB4RU - 120-277V, 100W, 24VDC, 0-10 Dimming: With J-Box: Powers up to 4 of the 24W units
DR60W-1PD	Driver: AC-60VD24AB2RV - 120-277V, 60W range, 24VDC, 0-10 Dimming: With J-Box: Powers up to 4 of the 12W or 2 of the 24W--1% Dimming
DR100W-1PD	Driver: AC-100VD24AB4RU - 120-277V, 100W range, 24VDC, 0-10 Dimming: With J-Box: Powers up to 4 of the 24W--1% Dimming
HLG-150H-24B	Driver: 24VDC 6.3A Dimmable LED Driver IP67, PFC, Metal Case Class 2, 120-277V, 24VDC, 0-10V Dimming
HLG-240H-24B	Driver: 24VDC 10A Dimmable LED Driver IP67, PFC, Metal Case Class 2, 120-277, 24VDC, 0-10V Dimming
HLG-320H-24B	Driver: 24VDC 13.34A Dimmable LED Driver IP67, PFC, Metal Case Class 2, 120-277V, 24VDC, 0-10V Dimming
HLG-480H-24B	Driver: 24VDC 20A Dimmable LED Driver IP67, PFC, Metal Case Class 2, 120-277V, 24VDC, 0-10V Dimming
HLG-600H-24B	Driver: 24VDC 25A Dimmable LED Driver IP67, PFC, Metal Case Class 2, 120-277V, 24VDC, 0-10V Dimming

ACCESSORIES SOLD SEPARATELY

DC-PWC8	8FT DC cable & with quick connect. Goes between power cord and wire splicer
EM8	8W Emergency Backup Battery unit input 120-347Vac, Output Voltage 170VDC, INLINE, it powers the driver of the fixture
EM15	15W Emergency Backup Battery unit input 120-347Vac, Output Voltage 170VDC, INLINE, it powers the driver of the fixture
WS-2FT	Wire splicer 2FT Standard. Please change 2FT to the desired length
DRBOX	Driver box/metal box
WBTS	Ceiling surface or recessed mount BT Sensor
T-BAR	T-Grid bracket set
T-BAR-EM-XX	T-Grid bracket (one piece) for EM pack.

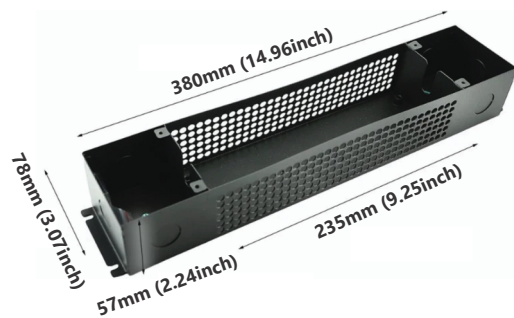




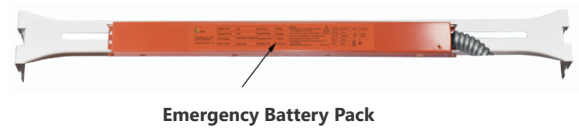
T-BAR T-GRID MOUNTING BRACKET 24" Mounting Bracket FOR 2x2 GRID SYSTEM



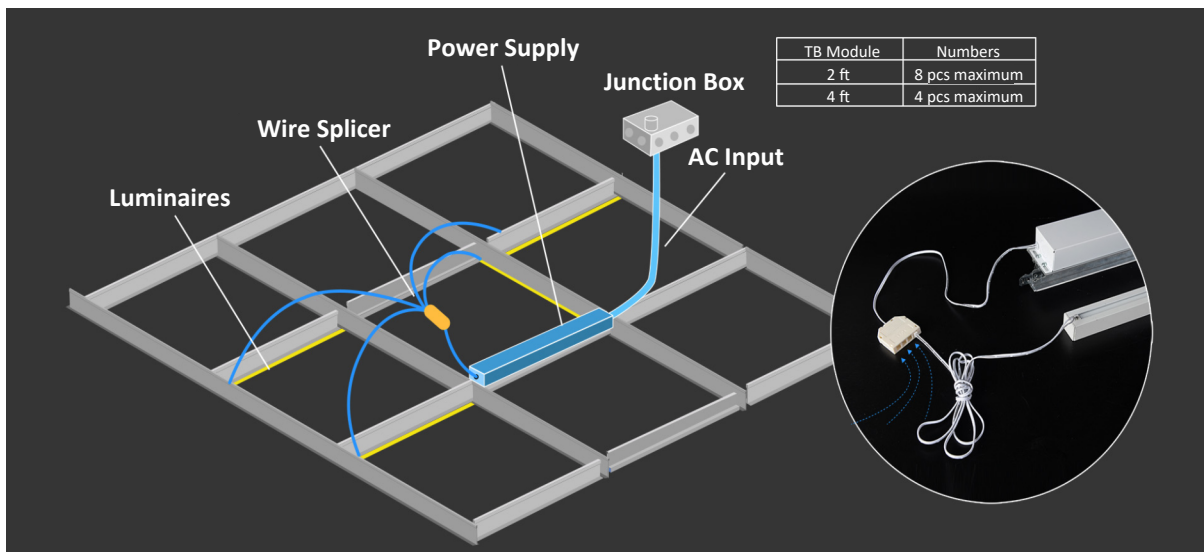
DRBOX DRIVER BOX FOR INDOOR USE



T-BAR + EM-XX (6W/8W/15W/20W) T-GRID MOUNTING BRACKET WITH EMERGENCY BATTERY PACK

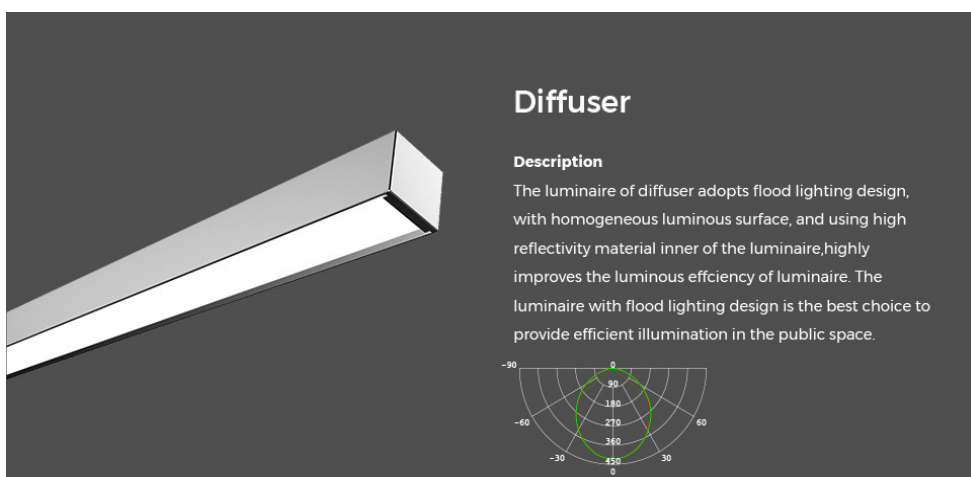
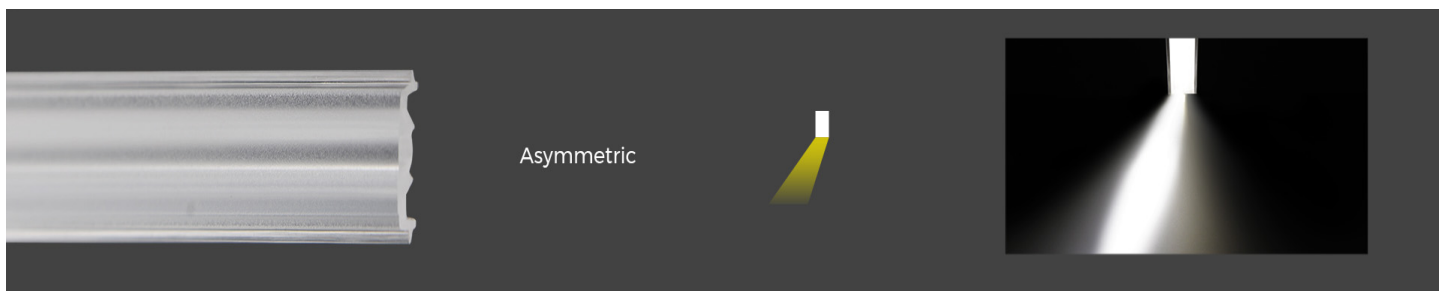
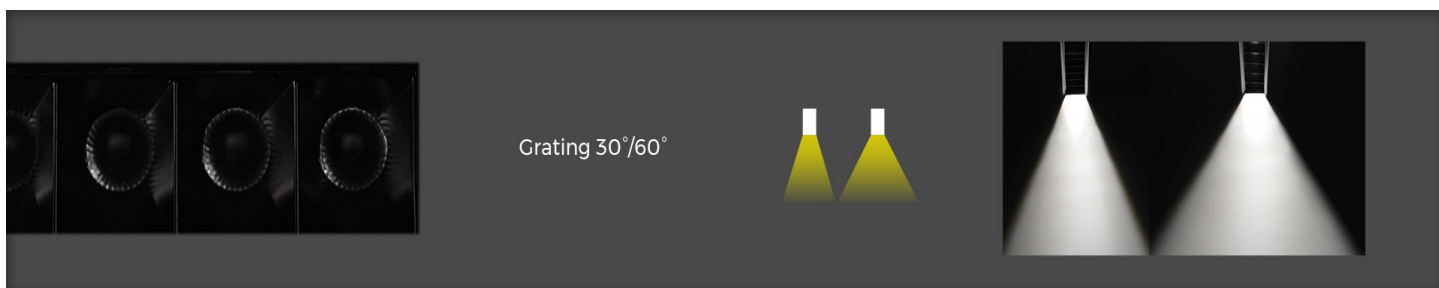
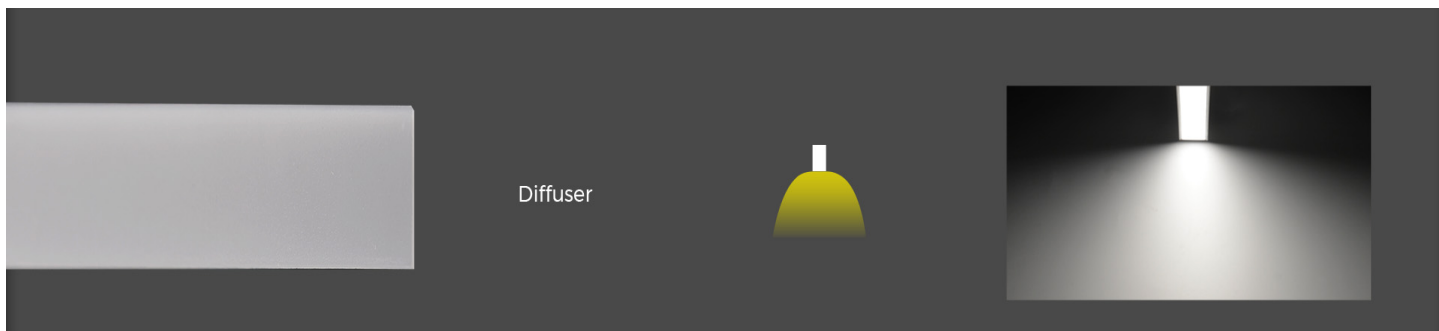


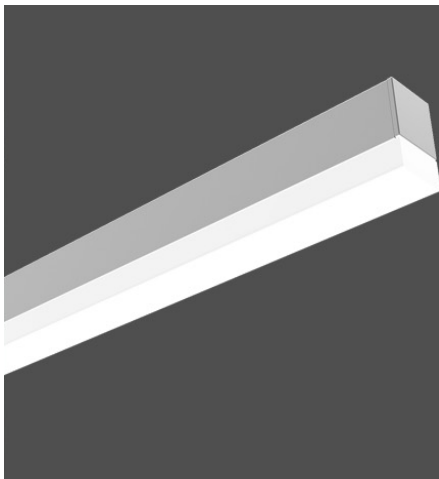
DR60W	Driver: AC-60VD24AB2RV - 120-277V, 60W, 24VDC, 0-10 dimming: With J-Box: Powers up to 4 of the 12W or 2 of the 24W units
DR100W	Driver: AC-100VD24AB4RU - 120-277V, 100W, 24VDC, 0-10 dimming: With J-Box: Powers up to 4 of the 24W units



Images above are illustration purposes only.



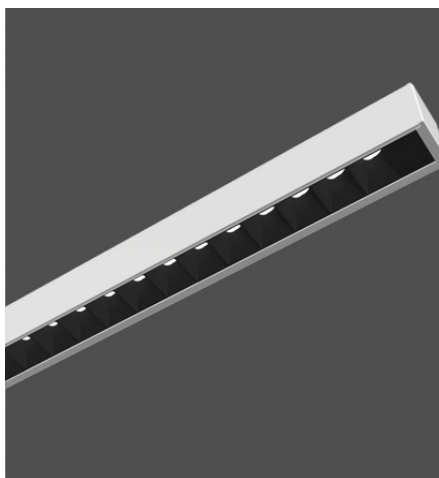
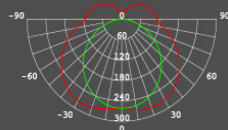




Block Frosted Diffuser

Description

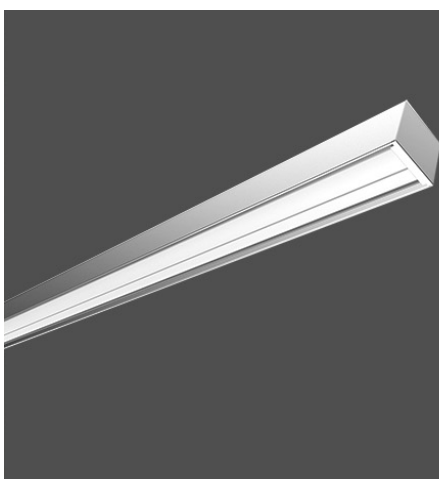
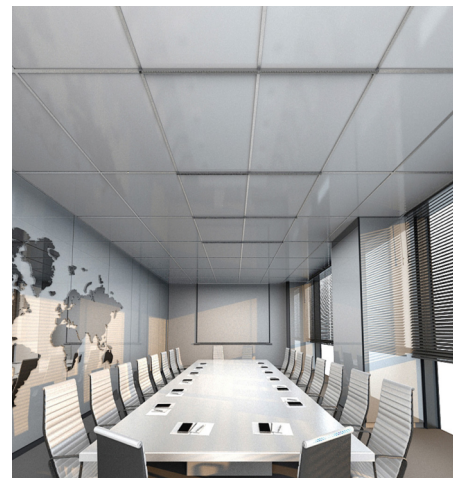
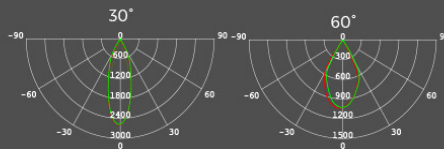
Block Frosted is used, three-sided lighting, larger luminous area, more bright environment, giving a three-dimensional sense of lighting space



Grating

Description

The luminaires with grating design keeps light out of the sight, brings you an eye-friendly lighting. A great choice for applications where a concentrated angle of light is desired on task areas or table top surfaces



Asymmetric

Description

Asymmetric optical design, with excellent light uniformity in the vertical lighting direction, suitable for metope lighting and shelf lighting, can be applied in museum, library, retail or reception area

