

# BL12- Grille Light

Indoor Architectural Lighting

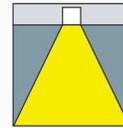


## Trimless Grille Light

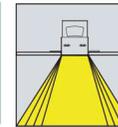
Trimless design for simplicity & elegancy, have exquisite lighting environment.



Grille Light

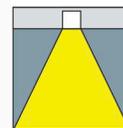


**General lighting**  
Ambient lighting produced by wide beam light distribution

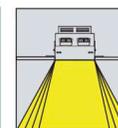


**Grille Light**  
Narrow to very wide beam, rotationally symmetrical light distribution for general lighting.

**LED**  
10W-30W  
650lm-1950lm

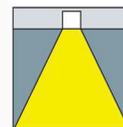


**General lighting**  
Ambient lighting produced by wide beam light distribution

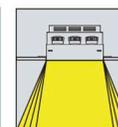


**Grille Light**  
Narrow to very wide beam, rotationally symmetrical light distribution for general lighting.

**LED**  
20W-60W  
1300lm-3900lm



**General lighting**  
Ambient lighting produced by wide beam light distribution



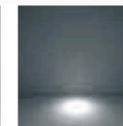
**Grille Light**  
Narrow to very wide beam, rotationally symmetrical light distribution for general lighting.

**LED**  
30W-90W  
1950lm-5850lm

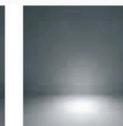
### Optics



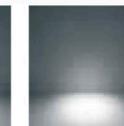
Narrow  
10°/15°



Medium  
20°/24°



Wide  
30°/36°



Flood  
45°/60°



Cutout 86\*86/126\*126(mm)

10W 650lm  
15W 975lm  
20W 1300lm  
30W 1950lm



Cutout 166\*86/246\*126(mm)

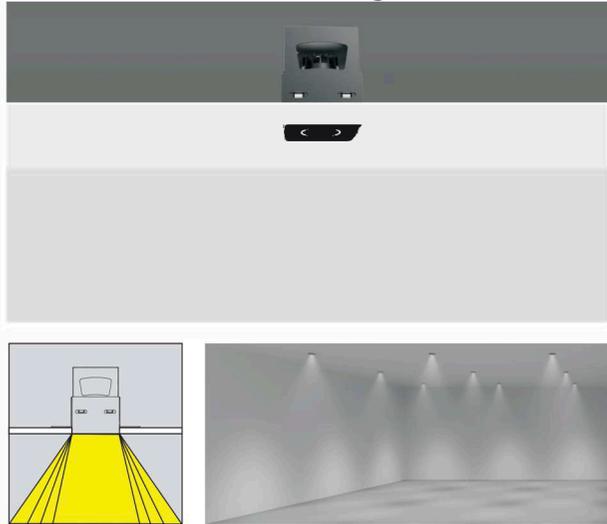
20W 1300lm  
30W 1950lm  
40W 2600lm  
60W 3900lm



Cutout 245\*86/356\*126(mm)

30W 1950lm  
45W 2925lm  
60W 3900lm  
90W 5850lm

# BL 12 Trimless Grille Light



### 1. High-performance Chip

By using a high quality and high efficiency led chip with Ra>90

### 2. Cooling System

Full-closed style with window design achieves active heat dissipation.

### 3. Adjusting Shaft Design

350° horizontal rotation, 25° rotation from the left to the right, accurate adjusted angle.

### 5. Pre-embedded part

Its high taste narrow trim or trimless design, gives you a more elegant and nicer ceiling.

### 4. Anti-glare

Anti-glare designed lamp body, shading angle  $\geq 30^\circ$



High-power LED  
SCDM<3



Excellent thermal management



EMC - optimised



Different light distributions



DALI dimming



Different dimming



Deep anti-dazzle



Optischer cut-off 30°



Tiltable 25°



Horizontal 350°



IP level



Different color temperatures



Different housing colours



Different sizes



Single head  
10W/15W/20W/30W



Double head  
20W/30W/40W/60W



Triple head  
30W/45W/60W/90W

# BL 12 Trimless Grille Light

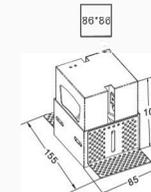
3inch Single head 86\*86



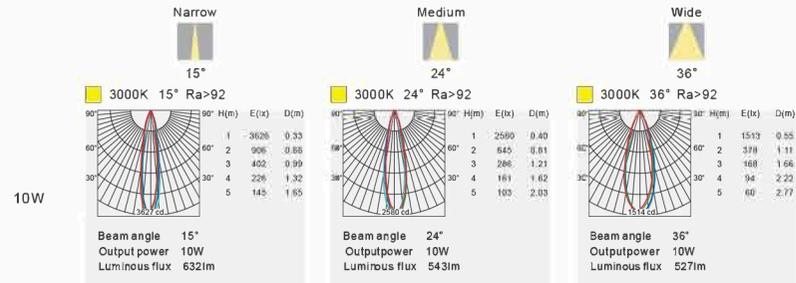
Model : UNI-BL12R-1-3  
Power : 10W  
Lumen : 650lm  
Material : Aluminium alloy  
Weight : 0.62Kg  
Input : 220-240V

Dimming options  
-TRIAC  
-1~10V  
-DALI  
Non dimmable

Hole size(mm)



Model	Size	Power	BeamAngle	DimmingType	CCT	CRI	Finish
UNI-BL12R-1 (Single head)	3 inch	10W	15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>82 Ra>92 Ra>97	White+Iron gray Black+Iron gray Iron gray



Grille Light

### BL 12 Trimless Grille Light

4inch Single head 126\*126

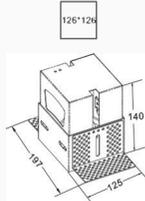


Model : UNI-BL12R-1-4  
Power : 15W/20W  
Lumen : 975lm-1300lm  
Material : Aluminium alloy  
Weight : 1.34Kg  
Input : 220-240V

Dimming options  
-TRIAC  
-1~10V  
-DALI  
Non dimmable



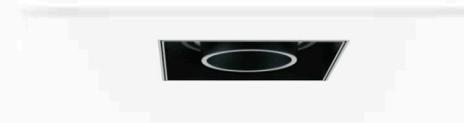
Hole size(mm)



Model	Size	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
UNI-BL12R-1 (Single head)	4 inch	15W 20W	15°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>82 Ra>92 Ra>97	White+Irongray Black+Iron gray Irongray
			24°				
			36°				
			60°				

### BL 12 Trimless Grille Light

Nwe 4inch Single head 126\*126

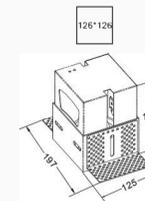


Model : UNI-BL12R-1-4  
Power : 30W  
Lumen : 1950lm  
Material : Aluminium alloy  
Weight : 1.40Kg  
Input : 220-240V

Dimming options  
-TRIAC  
-1~10V  
-DALI  
Non dimmable

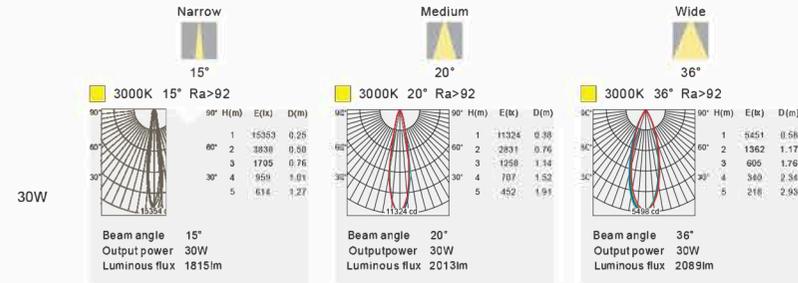
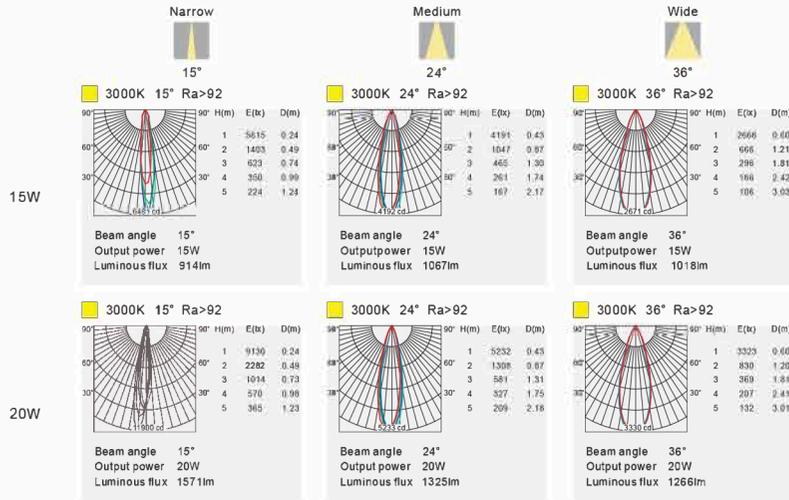


Hole size(mm)



Model	Size	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
UNI-BL12R-1 (Single head)	New 4 inch	30W	15°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>82 Ra>92 Ra>97	White+Irongray Black+Iron gray Irongray
			20°				
			30°				
			36°				
			45°				

Grille Light



### BL 12 Trimless Grille Light

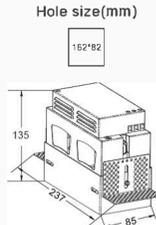
3inch Double head 166\*96



Model : UNI-BL12R-2-3  
 Power : 20W  
 Lumen : 1300lm  
 Material : Aluminium alloy  
 Weight : 1.30Kg  
 Input : 220-240V



Dimming options  
 -TRIAC  
 Non dimmable



Model	Size	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
UNI-BL12R 2 (Double head)	3 inch	20W	10°	TRIAC Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>82 Ra>92 Ra>97	White+Irongray Black+Irongray Iron gray
			15°				
			24°				
			30°				
			36°				

### BL 12 Trimless Grille Light

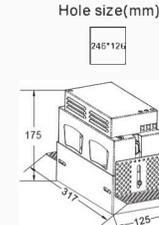
4inch Double head 246\*126



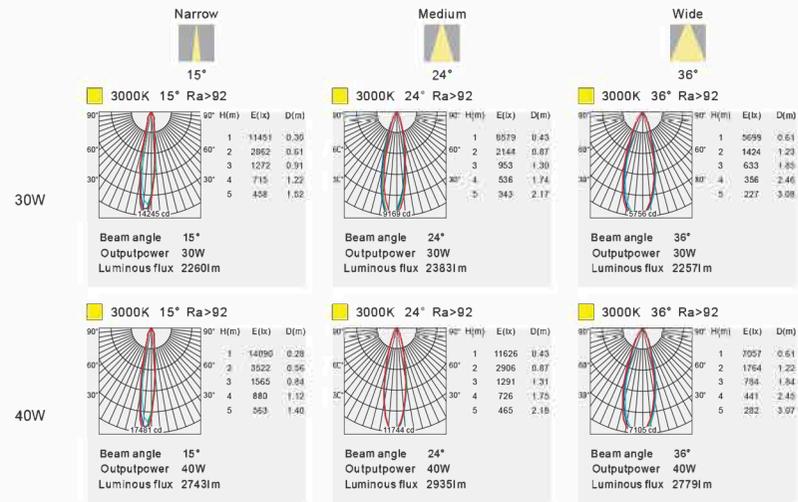
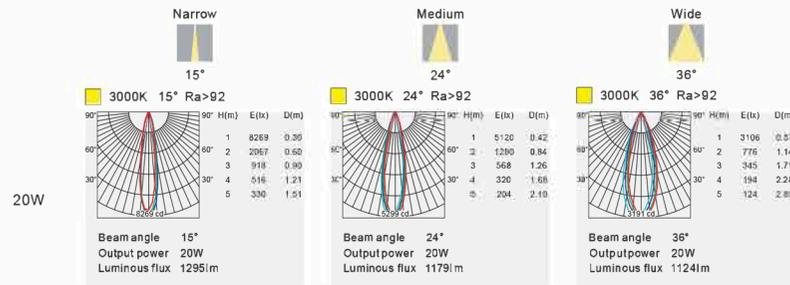
Model : UNI-BL12R-2-4  
 Power : 30W/40W  
 Lumen : 1950lm-2600lm  
 Material : Aluminium alloy  
 Weight : 2.40Kg  
 Input : 220-240V



Dimming options  
 -TRIAC  
 Non dimmable



Model	Size	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
UNI-BL12R2 (Double head)	4 inch	30W 40W	15°	TRIAC Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>82 Ra>92 Ra>97	White+Irongray Black+Iron gray Iron gray
			24°				
			30°				
			35°				
			60°				



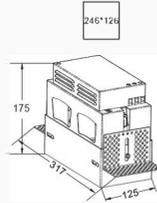
Grille Light

### BL 12 Trimless Grille Light

New 4inch Double head 246\*124



Hole size(mm)



Model : UNI-BL12R-2-4  
 Power : 60W  
 Lumen : 3900lm  
 Material : Aluminium alloy  
 Weight : 2.45Kg  
 Input : 220-240V

Dimming options  
 -TRIAC  
 Non dimmable



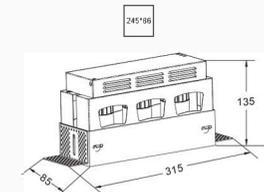
Model	Size	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
UNI-BL12R2 (Double head)	New 4 inch	60W	15°	TRIAC Non dimmable	2700K	Ra>82 Ra>92 Ra>97	White+Irongray Black+Irongray Iron gray
			20°		3000K		
			30°		3500K		
			36°		4000K		
			45°		5000K		

### BL 12 Trimless Grille Light

3inch Triple head 245\*96



Hole size(mm)



Model : UNI-BL12R-3-3  
 Power : 30W  
 Lumen : 1950lm  
 Material : Aluminium alloy  
 Weight : 1.80Kg  
 Input : 220-240V

Dimming options  
 -TRIAC  
 Non dimmable



Model	Size	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
UNI-BL12R3 (Triple head)	3 inch	30W	15°	TRIAC Non dimmable	2700K	Ra>82 Ra>92 Ra>97	White+Irongray Black+Irongray Irongray
			24°		3000K		
			30°		3500K		
			36°		4000K		
					5000K		

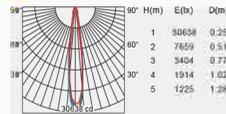
Grille Light

Narrow



15°

3000K 15° Ra>92



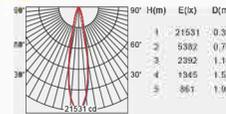
Beam angle 15°  
 Output power 60W  
 Luminous flux 3648lm

Medium



20°

3000K 20° Ra>92



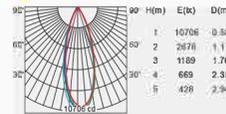
Beam angle 20°  
 Output power 60W  
 Luminous flux 3881lm

Wide



36°

3000K 36° Ra>92



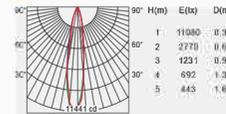
Beam angle 36°  
 Output power 60W  
 Luminous flux 4130lm

Narrow



15°

3000K 15° Ra>92



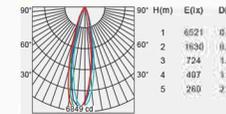
Beam angle 15°  
 Output power 30W  
 Luminous flux 1916lm

Medium



24°

3000K 24° Ra>92



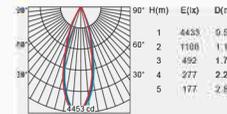
Beam angle 24°  
 Output power 30W  
 Luminous flux 1668lm

Wide



36°

3000K 36° Ra>92



Beam angle 36°  
 Output power 30W  
 Luminous flux 1610lm

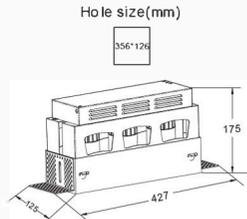
### BL 12 Trimless Grille Light

4inch Triple head 356\*126



Model : UNI-BL12R-3-4  
 Power : 45W/60W  
 Lumen : 2925lm-3900lm  
 Material : Aluminium alloy  
 Weight : 3.15Kg  
 Input : 220-240V

Dimming options  
 -TRIAC  
 Non dimmable



Model	Size	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
UNI-BL12 R-3 (Triple head)	4 inch	45W 60W	15°	TRIAC Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>82 Ra>92 Ra>97	White+Iron gray Black+Iron gray Irongray
			24°				
			36°				
			45°				
			60°				

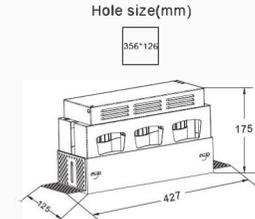
### BL 12 Trimless Grille Light

Nwe 4inch Triple head 356\*126

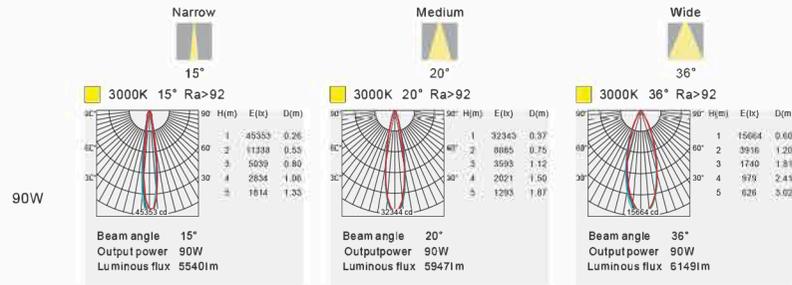
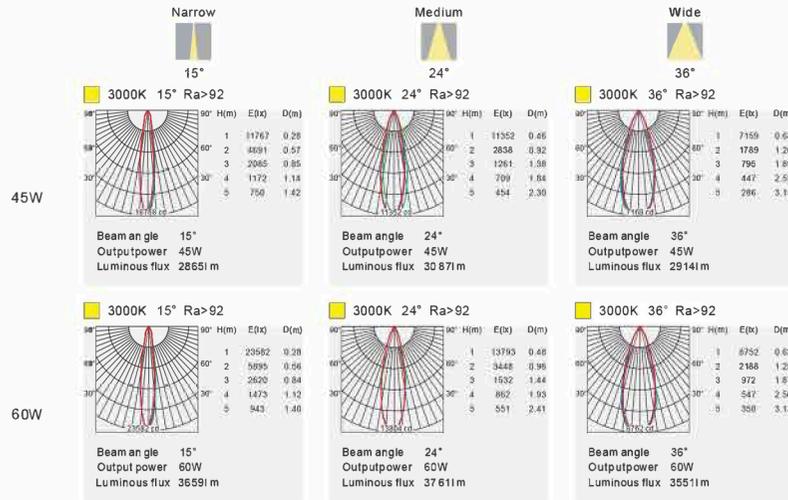


Model : UNI-BL12R-3-4  
 Power : 90W  
 Lumen : 5850lm  
 Material : Aluminium alloy  
 Weight : 3.20Kg  
 Input : 220-240V

Dimming options  
 -TRIAC  
 Non dimmable



Model	Size	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
UNI-BL12 R-3 (Triple head)	Nwe 4 inch	90W	15°	TRIAC Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>82 Ra>92 Ra>97	White+Iron gray Black+Iron gray Iron gray
			20°				
			30°				
			36°				
			45°				



Grille Light



Optics	UNI-BL12R-1				UNI-BL 12R-2				UNI-BL12R-3			
	10W	15W	20W	30W	20W	30W	40W	60W	30W	45W	60W	90W
Narrow 10°					*							
Narrow 15°	*	*	*	*	*	*	*	*	*	*	*	*
Medium 20°				*				*				*
Medium 24°	*	*	*	*	*	*	*	*	*	*	*	*
Wide 30°	*	*	*	*	*	*	*	*	*	*	*	*
Wide 36°	*	*	*	*	*	*	*	*	*	*	*	*
Wide Flood 45°				*			*					*
Wide Flood 60°		*	*			*	*			*	*	
<b>Colour</b>												
White+Iron gray	*	*	*	*	*	*	*	*	*	*	*	*
Black+Iron gray	*	*	*	*	*	*	*	*	*	*	*	*
Iron gray	*	*	*	*	*	*	*	*	*	*	*	*
<b>Size</b>												
155mm*85mm*105mm	*											
197mm*125mm*140mm		*	*	*								
237mm*85mm*135mm					*							
317mm*125mm*175mm						*	*	*				
315mm*85mm*135mm									*			
427mm*125mm*175mm										*	*	*
<b>Cutout</b>												
86mm*86mm	*											
126mm*126mm		*	*	*								
166mm*86mm					*							
246mm*126mm						*	*	*				
245mm*86mm									*			
356mm*126mm										*	*	*
<b>LED Brand</b>												
PHILIPS	*	*	*	*	*	*	*	*	*	*	*	*
CREE	*	*	*	*	*	*	*	*	*	*	*	*
<b>Flow obviously refers to</b>												
2700K Ra>97	*	*	*	*	*	*	*	*	*	*	*	*
2700K Ra>92	*	*	*	*	*	*	*	*	*	*	*	*
3000K Ra>92	*	*	*	*	*	*	*	*	*	*	*	*
3500K Ra>92	*	*	*	*	*	*	*	*	*	*	*	*
4000K Ra>92	*	*	*	*	*	*	*	*	*	*	*	*
5000K Ra>92	*	*	*	*	*	*	*	*	*	*	*	*
2700K Ra>82	*	*	*	*	*	*	*	*	*	*	*	*
3000K Ra>82	*	*	*	*	*	*	*	*	*	*	*	*
3500K Ra>82	*	*	*	*	*	*	*	*	*	*	*	*
4000K Ra>82	*	*	*	*	*	*	*	*	*	*	*	*
5000K Ra>82	*	*	*	*	*	*	*	*	*	*	*	*
<b>Dimming Type</b>												
DALI	*	*	*	*								
TRIAC	*	*	*	*	*	*	*	*	*	*	*	*
1-10V	*	*	*	*								
Non dimmable	*	*	*	*	*	*	*	*	*	*	*	*

**Notes**

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

Grille Light

