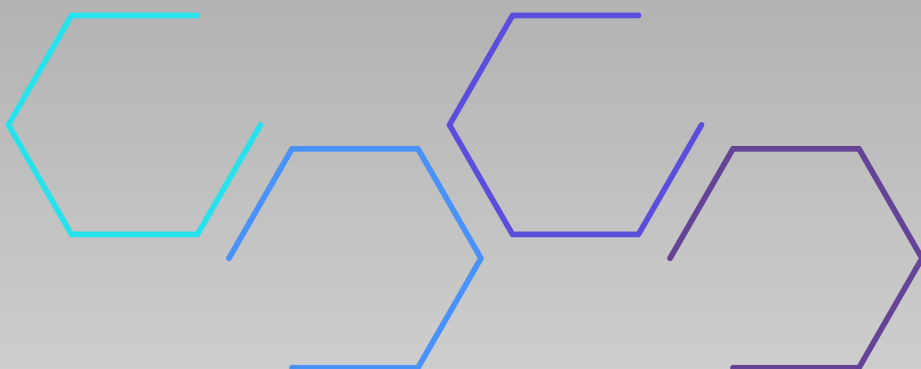




# LINEAR LIGHT CATALOG



[WWW.DBLUX.IR](http://WWW.DBLUX.IR)



## LINEAR LIGHT DB-RM-8050

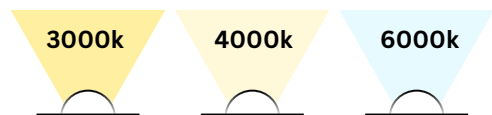
### product specifications

- Power: 34w - 51w - **60w**
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** lm
- Beam Angel: 90°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

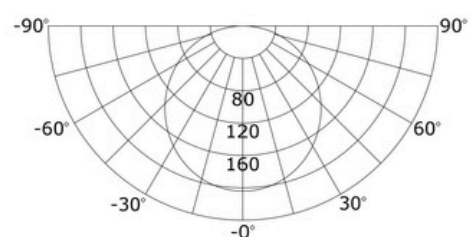
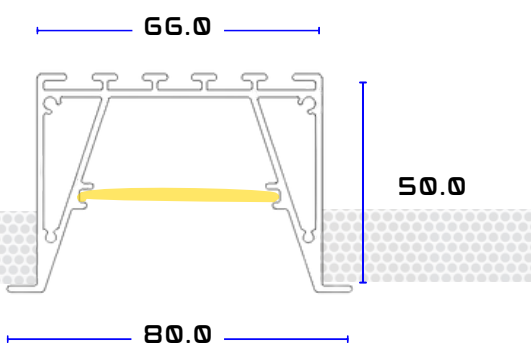
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## DB-5M-6687

### product specifications

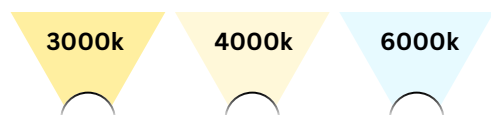
- Power: 34w - 51w - **60w**
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** lm
- Beam Angel: 90°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



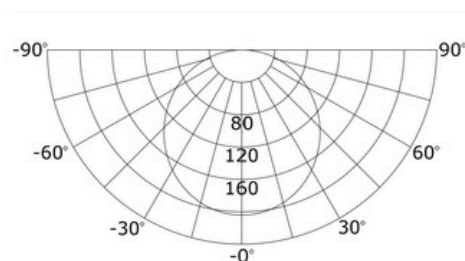
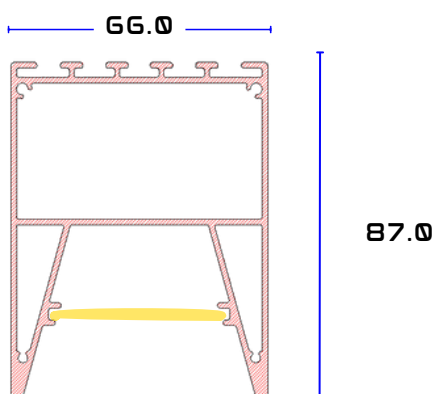
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## RM-6022



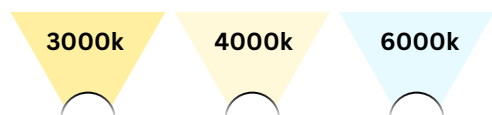
### product specifications

- Power: 34w - 51w - **60w**
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** lm
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

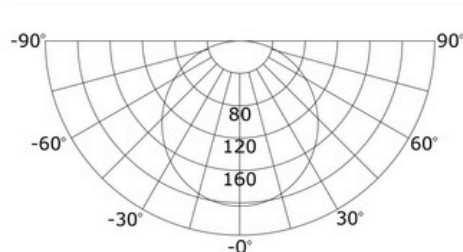
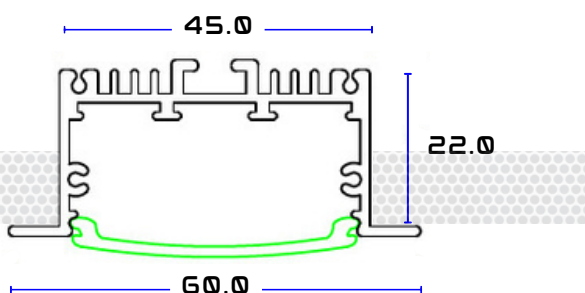
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## RM-6012

### product specifications

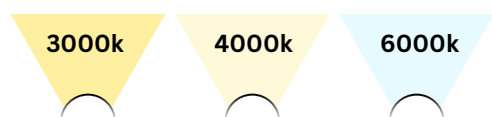
- Power: 34w - 51w - **60w**
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** lm
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



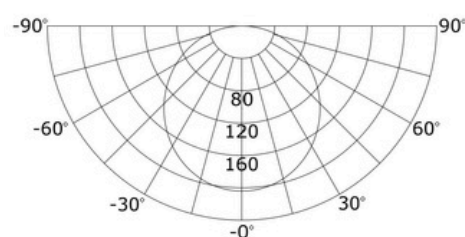
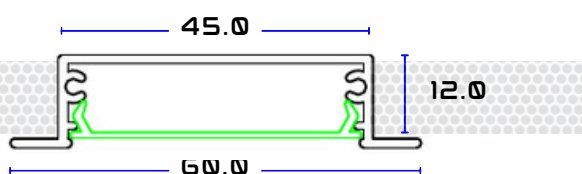
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## SM-4555



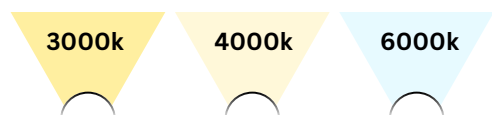
### product specifications

- Power: 34w - 51w - **60w**
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** lm
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

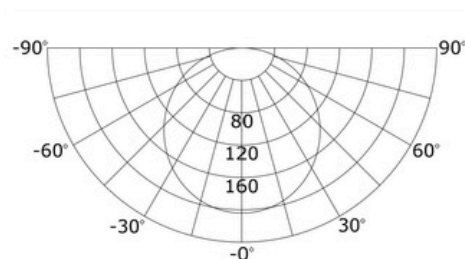
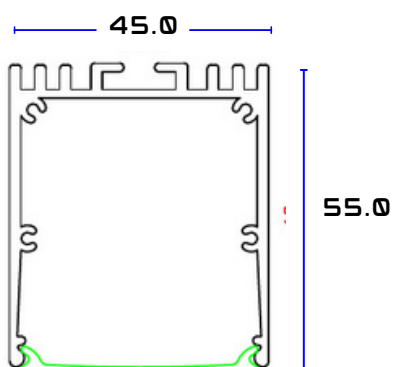
### Production Color



### Color Temperature



### Technical Map





SM-4555



# LINEAR LIGHT

## SM-4520

### product specifications

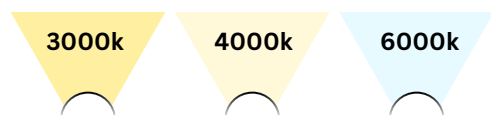
- Power: 34w - 51w - **60w**
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** LM
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



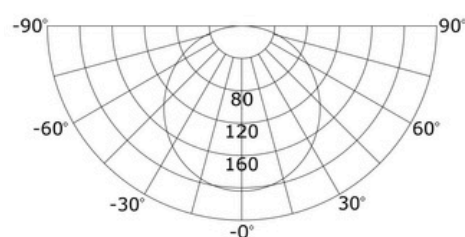
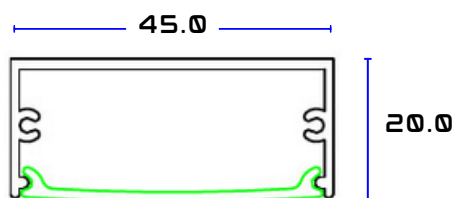
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## RM-7831

### product specifications

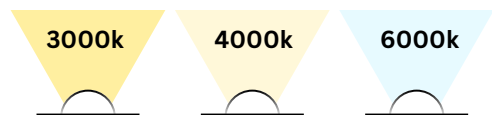
- Power: 34w - 51w - **60w** - 68w
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500**-9200LM
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



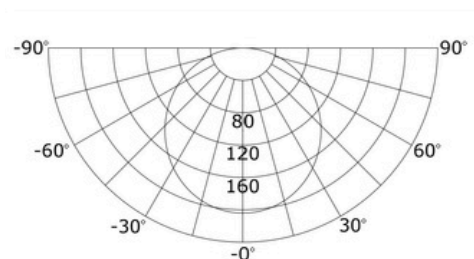
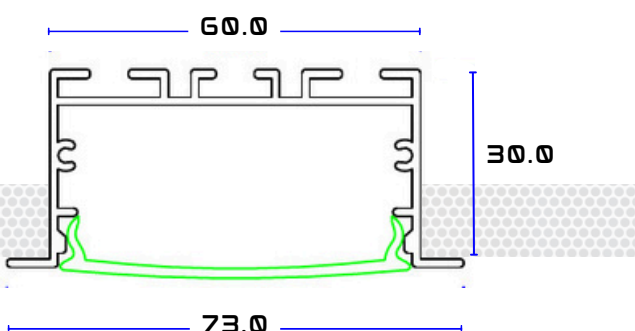
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## SM-5931

### product specifications

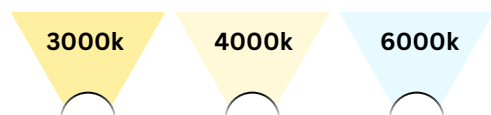
- Power: 34w - 51w - **60w** - 68w
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500**-9200LM
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



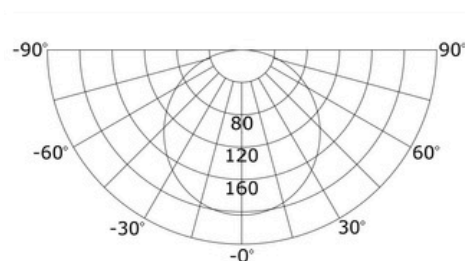
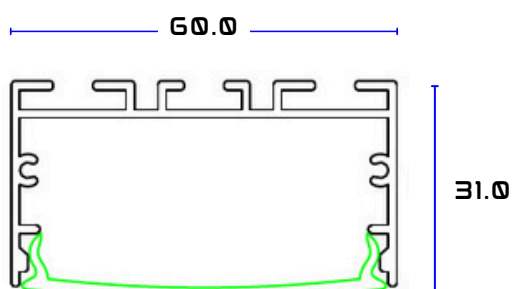
### Production Color



### Color Temperature



### Technical Map





**SM-5931**

# LINEAR LIGHT

## SM-5510



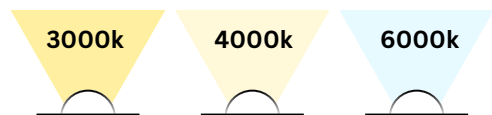
### product specifications

- Power: 34w - 51w - **60w** /M
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

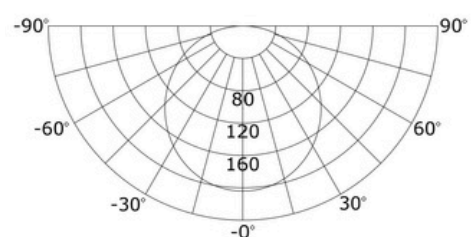
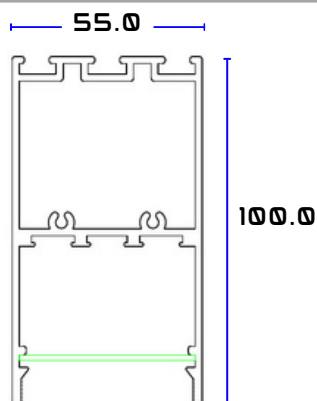
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## SM-6097



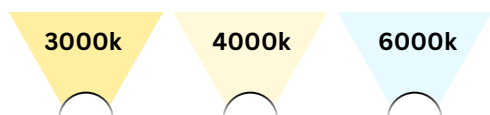
### product specifications

- Power: 34w - 51w - **60w** /M
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

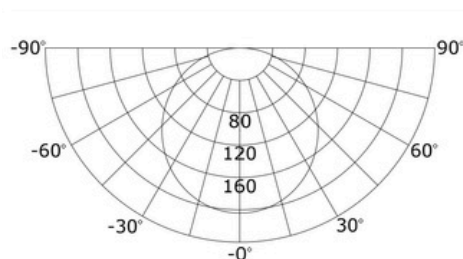
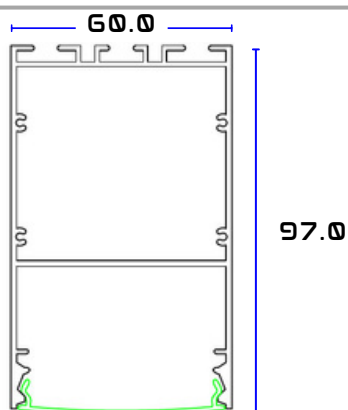
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## RM-4321

### product specifications

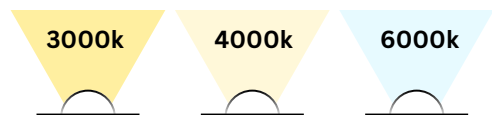
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



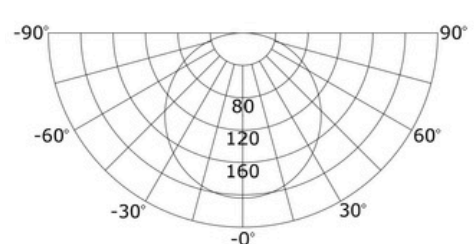
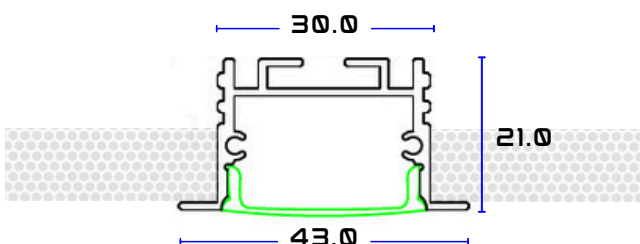
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## RM-4312

### product specifications

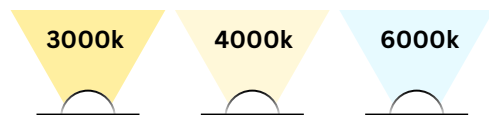
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



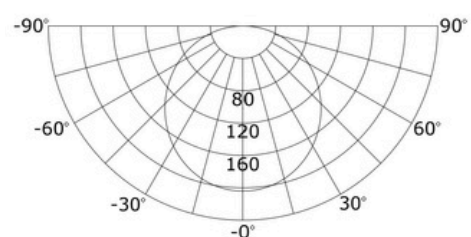
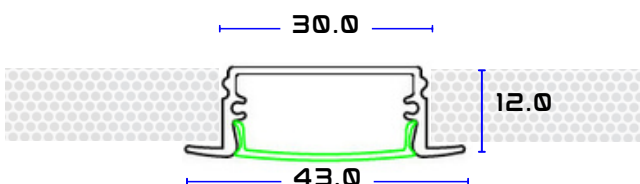
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## SM-3016

### product specifications

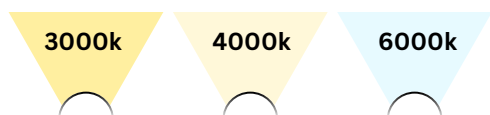
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



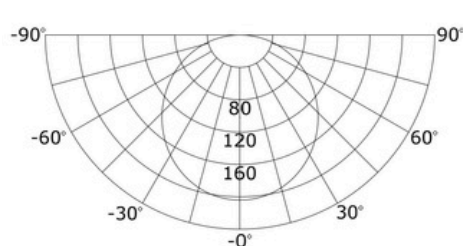
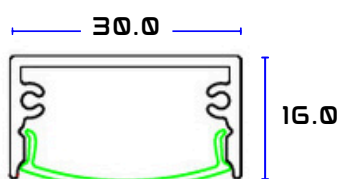
### Production Color



### Color Temperature



### Technical Map

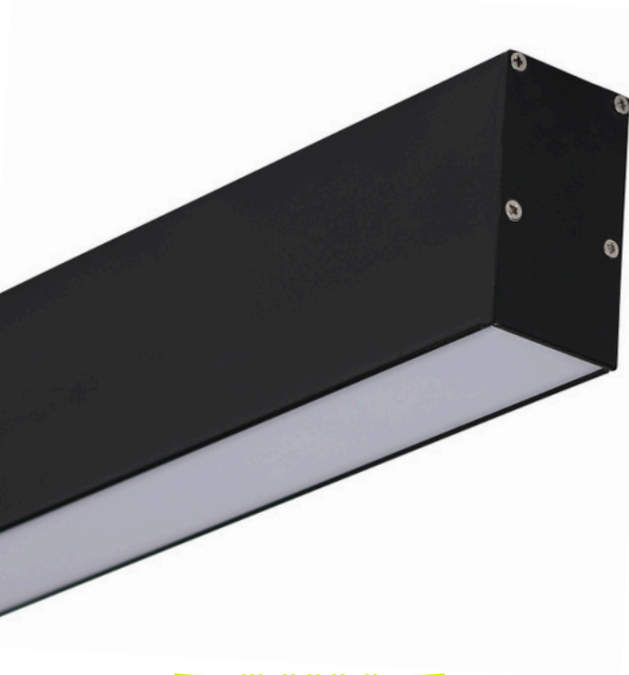


# LINEAR LIGHT

## SM-3070

### product specifications

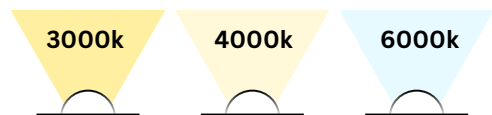
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



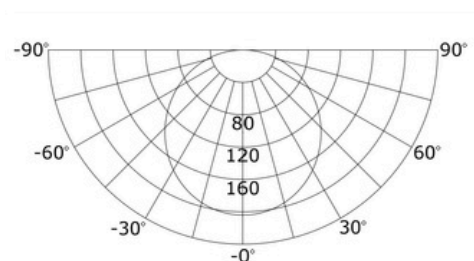
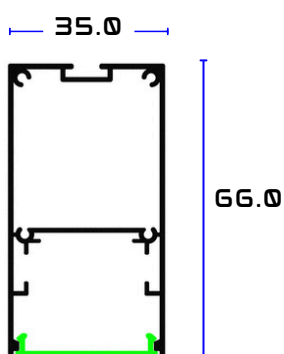
### Production Color



### Color Temperature



### Technical Map





**SM-3070**

# LINEAR LIGHT

## SM-3035

### product specifications

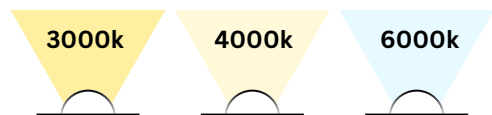
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



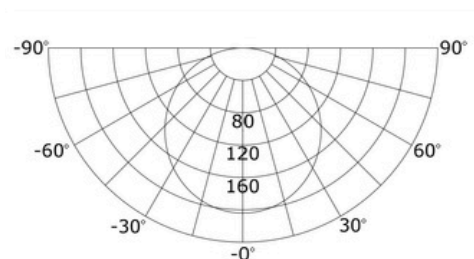
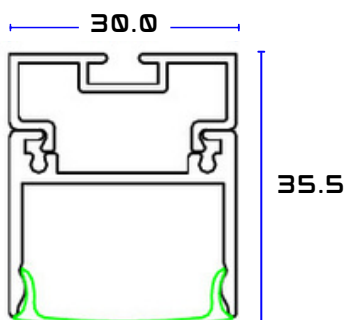
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## SM-3055



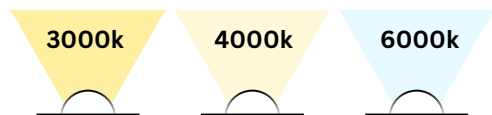
### product specifications

- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

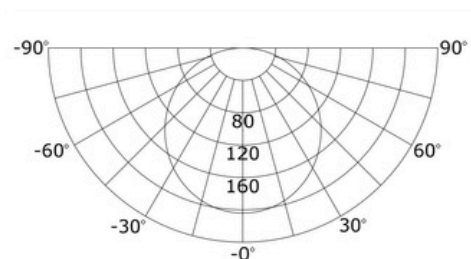
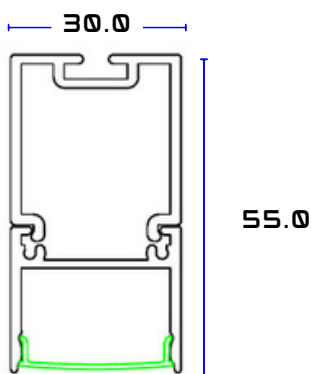
### Production Color



### Color Temperature



### Technical Map

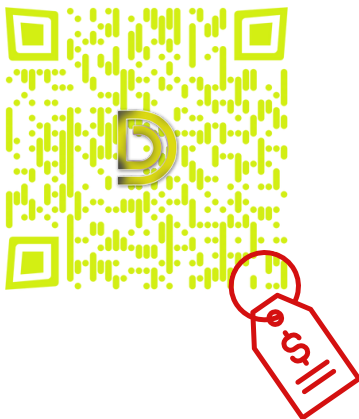


# LINEAR LIGHT

## HID-RM-3013

### product specifications

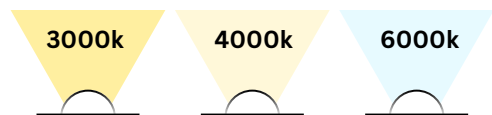
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



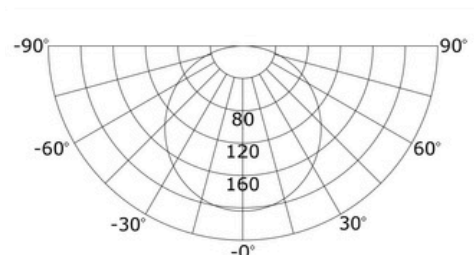
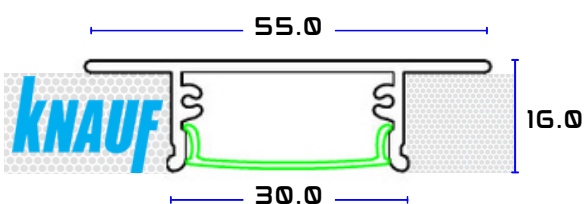
### Production Color



### Color Temperature



### Technical Map

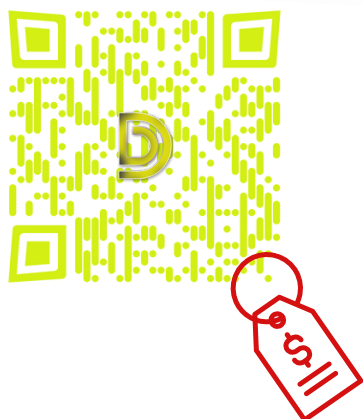


# LINEAR LIGHT

## SM-3010

### product specifications

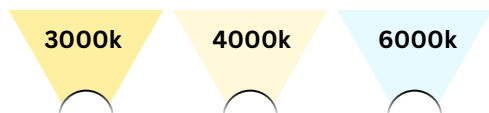
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



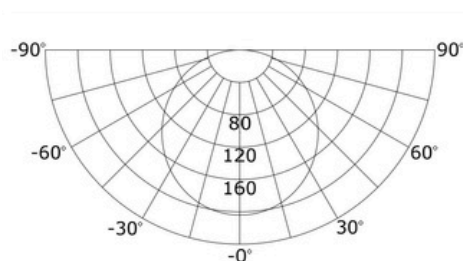
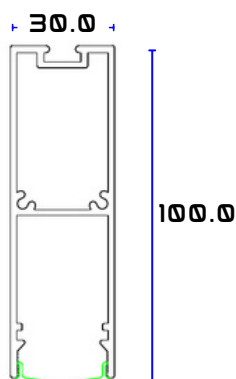
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## SM-CC30

### product specifications

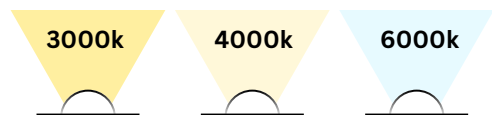
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 180°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



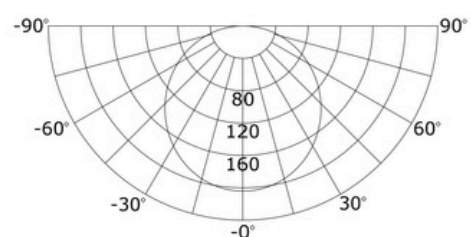
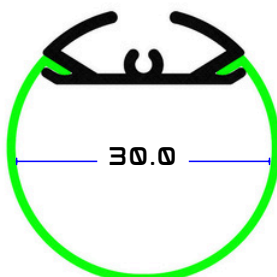
### Production Color



### Color Temperature



### Technical Map

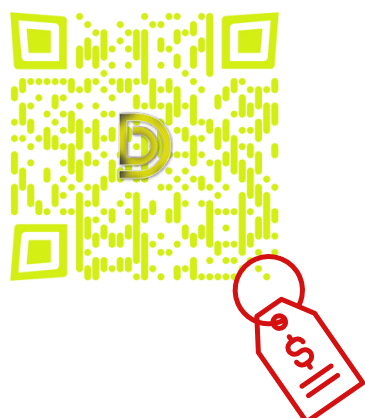


# LINEAR LIGHT

## SM-CC60

### product specifications

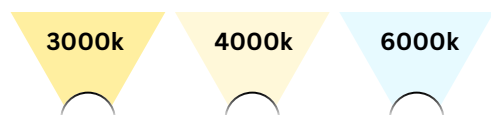
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 180°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



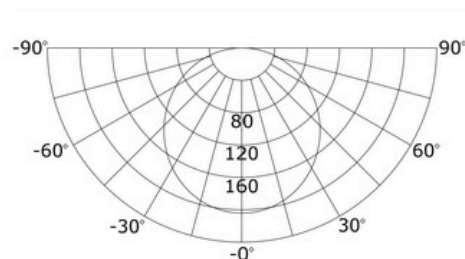
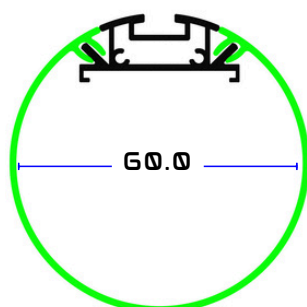
### Production Color



### Color Temperature



### Technical Map





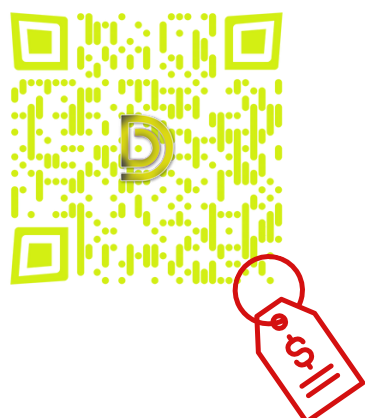
SM-CC60

# LINEAR LIGHT

## SM-B5550

### product specifications

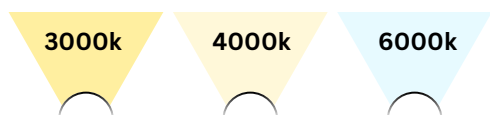
- Power: 34w - 51w - **60w** /M
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



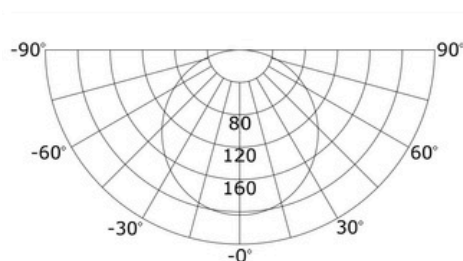
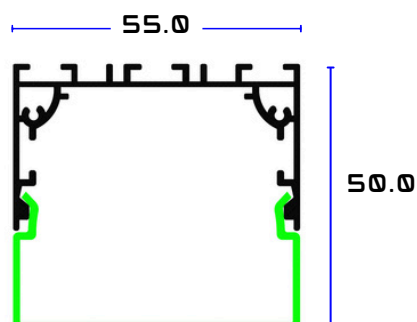
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## SM-8575



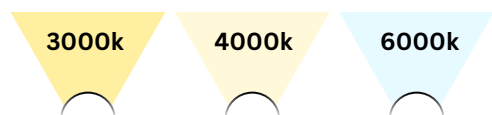
### product specifications

- Power: 51W-60W-68W-85W-120W/M
- Luminous Efficiency: 118 lm/w
- Flux: 6900-8500-9200-11500-17000LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

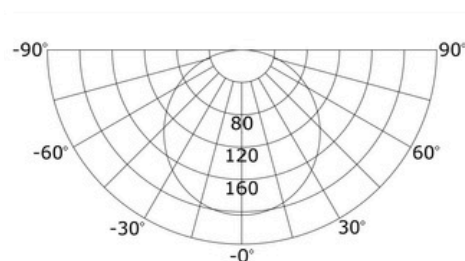
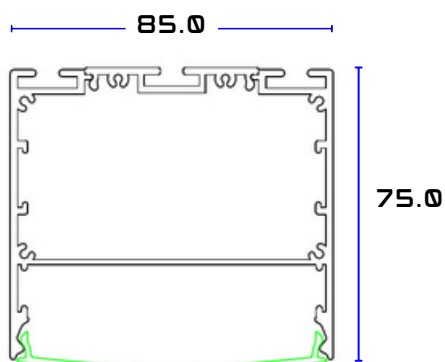
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## RM-1036



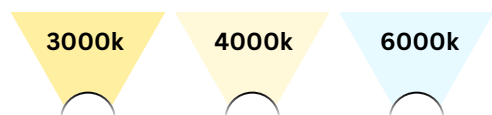
### product specifications

- Power: 51W-60W-68W-85W-120W/M
- Luminous Efficiency: 118 lm/w
- Flux: 6900-8500-9200-11500-17000LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

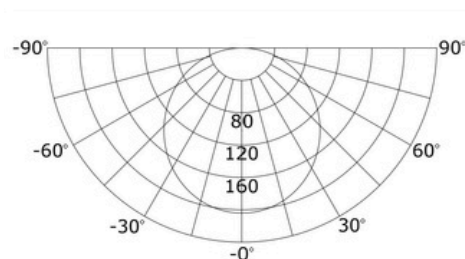
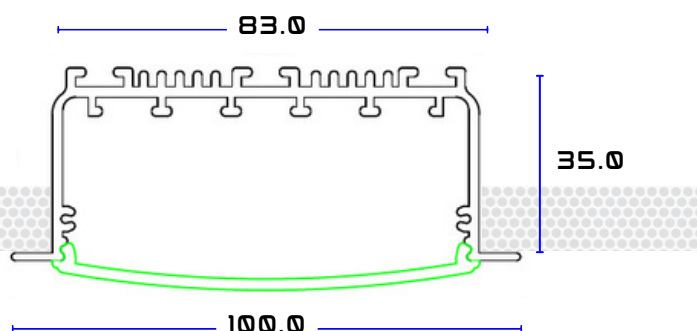
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## RM-235

### product specifications

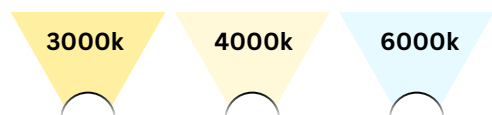
- Power: 5W/14W/17W/M
- Luminous Efficiency: 118 lm/w
- Flux: 1000-1650-2300-LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



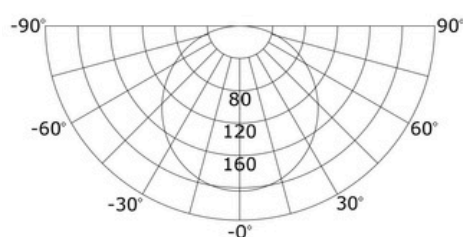
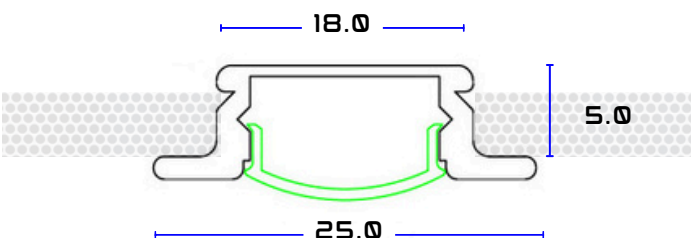
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## RM-119

### product specifications

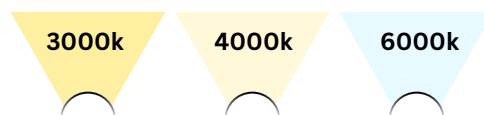
- Power: 5W/14W/17W/M
- Luminous Efficiency: 118 lm/w
- Flux: 1000-1650-2300-LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate white/black
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



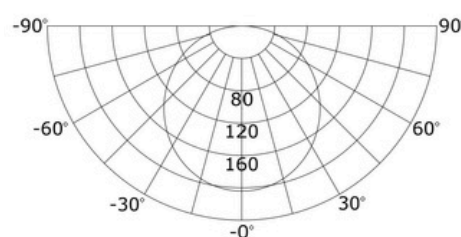
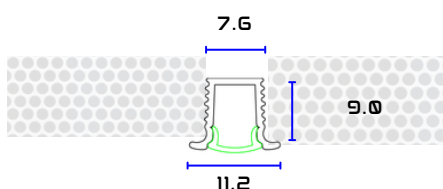
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## CN-5M-88

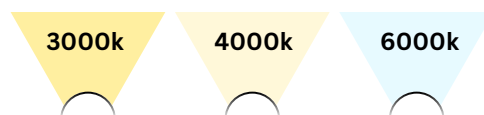
### product specifications

- Power: 5W/12W/M
- Luminous Efficiency: 118 lm/w
- Flux: 1000-1650-2300-LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate white/black
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

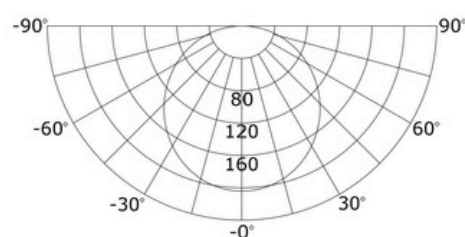
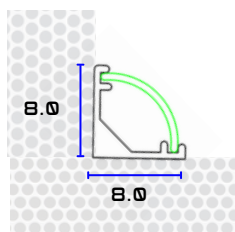
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## CN-5M-1616

### product specifications

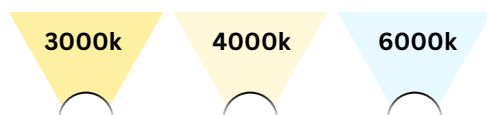
- Power: 5W/12W/M
- Luminous Efficiency: 118 lm/w
- Flux: 1000-1650-2300-LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate white/black
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



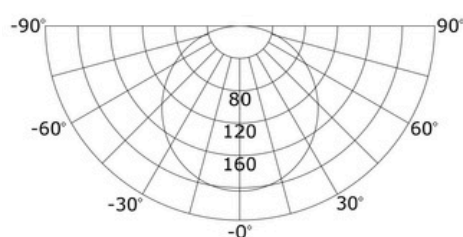
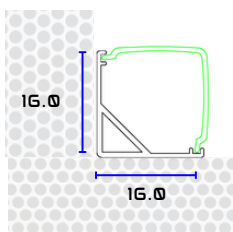
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## RM-2517

### product specifications

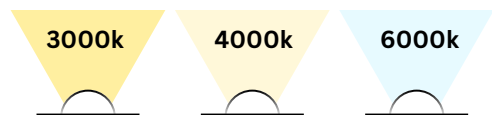
- Power: 5W/12W/M
- Luminous Efficiency: 118 lm/w
- Flux: 1000-1650-2300-LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate white/black
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



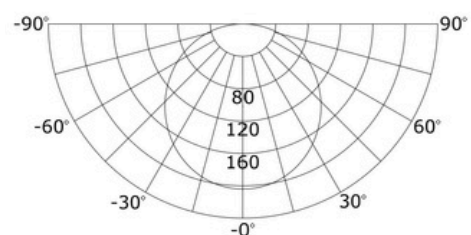
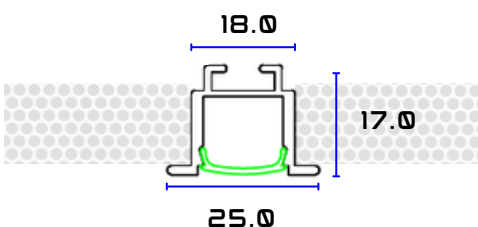
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## SM-1616

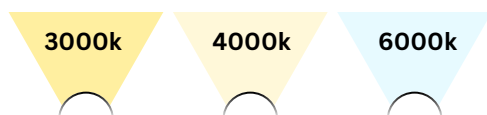
### product specifications

- Power: 5W/12W/M
- Luminous Efficiency: 118 lm/w
- Flux: 1000-1650-2300-LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate white/black
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

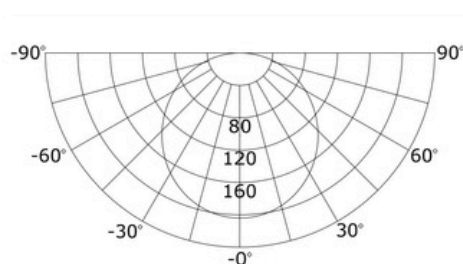
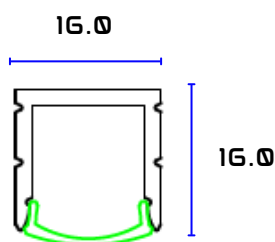
### Production Color



### Color Temperature



### Technical Map



# LINEAR LIGHT

## BU-2025

### product specifications

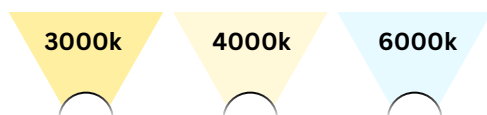
- Power: 17W-10W /M
- Luminous Efficiency: 118 lm/w
- Flux: 2300-1300 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k
- Ingress Protection: IP65/IP68
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 30.000 h
- Guarantee: 1 Years



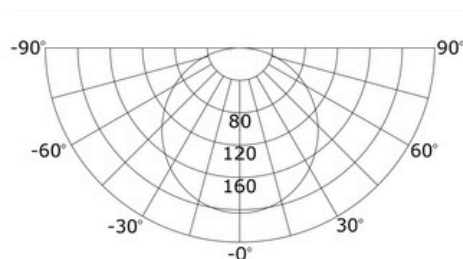
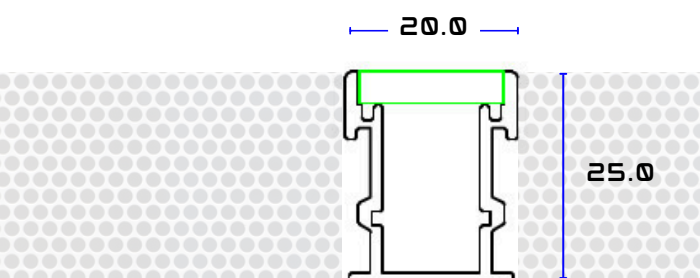
### Production Color



### Color Temperature



### Technical Map





BU-2025

## پانوشت

### Light Emitted Diode

دیود (diode) قطعه ای الکترونیکی است که جریان الکتریکی را در یک جهت از خود عبور میدهد. یک نوع از این دیودها در زمان برقراری ولتاژ (که سبب عبور جریان میشود) از خود نور ساطع میکند و به آن Light Emitted Diode گفته میشود.

### توان لامپ (power)

میزان برق مصرفی لامپ در واحد زمان توان لامپ نامیده میشود. واحد آن وات W است.

### شار نوری (FLUX)

کل نور خارج شده از یک منبع نوری در واحد زمان در تمام جهات در فضا را شار نوری میگویند. واحد شار نوری (لومن) می باشد که با (LM) نشان میدهند.

### UGR

مخفف Unified Glare Rating به معنی رتبه یکپارچه شده خیرگی است و یک کمیت بدون واحد برای نورهای مصنوعی می باشند.

### CRI

این شاخص مخفف Color Rendering Index میباشد. شاخص بازده یا نمود رنگ عددی است که نشان می دهد به چه میزان رنگ اشیا زیر نور یک لامپ، به رنگ استاندارد آنها نزدیک تر است. درمورد چراغ ها عددی بین 20 تا 100 است و هرچه این عدد بالاتر باشد نمود رنگ واقعی تر است.

### درجه حفاظت (IP)

براساس استانداردهای بین المللی، درجه حفاظت تجهیزات با حروف IP به همراه دو عدد نشان داده میشود که عدد اول سمت چپ نشان دهنده درجه حفاظت در برابر ورود اجسام خارجی و گرد و غبار و عدد دوم نمایانگر میزان حفاظت در برابر ورود آب و رطوبت است.

### دمای رنگ نور (Color Temperature)

دمای رنگ عددی است که بر حسب کلون بیان می شود و به نوعی بیان کننده رنگ نور خروجی می باشد. هر چه این عدد بالاتر باشد رنگ نور بیشتر به محدوده رنگهای سرد و سفید نزدیک تر است و هرچه این عدد کوچکتر باشد رنگ نور به محدوده رنگهای گرم نزدیکتر است. به عنوان مثال وقتی گفته میشود دمای رنگ یک لامپ فلورسنت 4000 کلون است به این معنی است که اگر جسم سیاه را تا 4000 درجه کلون گرم کنیم، نوری به رنگ لامپ فلورسنت فوق منتشر میکند.

مناسب برای	کلون (K)	دمای رنگ نور	
کارهایی که نیاز به دقت بیشتری دارد مانند، نقشه کشی، صنعتی	6500-5400	Cool White	نور سفید سرد
مدارس، بیمارستان، ادارات، آشپزخانه ها و محیطهای عمومی	4000	Natural White	نور طبیعی
مدارس، بیمارستان، ادارات، آشپزخانه ها و محیطهای عمومی	3000-2700	Warm white	نور طبیعی

### زاویه تابش (Beam Angel)

زاویه بین دو خط فرضی است که در صفحه عبوری از محور پرتو نور در نظر گرفته میشود که این خطوط از روی نقاطی میگذرند که شدت نور در آن نقاط 50% شدت نور در پرتو است. این دو خط فرضی که در حقیقت اضلاع زاویه تابش محسوب میشوند یک نقطه مشترک با یکدیگر دارند که راس زاویه تابش نام دارد و آن نقطه، مرکز سطح جلویی لامپ است.

### بهره نوری (Luminous Efficiency)

این عدد که در واقع نسبت شار نوری خارج شده از لامپ به توان مصرفی آن است، نشان دهنده کارایی و بهره وری لامپ است، هرچه این عدد بالاتر باشد به این معنی است که لامپ با مصرف انرژی کمتر، نور بیشتری تولید میکند. واحد بهره نوری لومن بر وات است. بهره نوری برخی از لامپ ها به طور تقریبی به شرح زیر است:

$$\eta = Lm/W$$

### طول عمر لامپ (Life Time)

طول عمر چراغ مدت زمانی است که شار نوری لامپ Lm آن به 80% برسد، که اصطلاحاً L80 گفته میشود. استاندارد طول عمر لامپ ال ای دی برابر 50.000 ساعت هست، یعنی لامپ نباید قبل از 50.000 ساعت به L80 برسد.