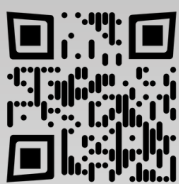
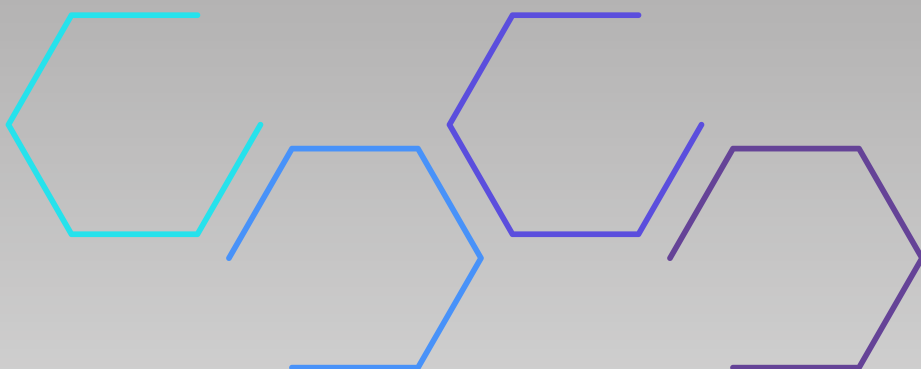




LINEAR LIGHT CATALOG



WWW.DBLUX.IR



LINEAR LIGHT

DB-RM-8050

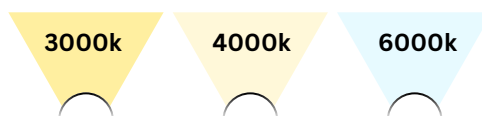
product specifications

- 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

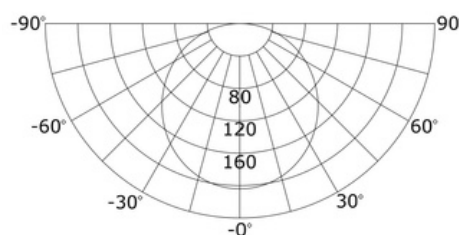
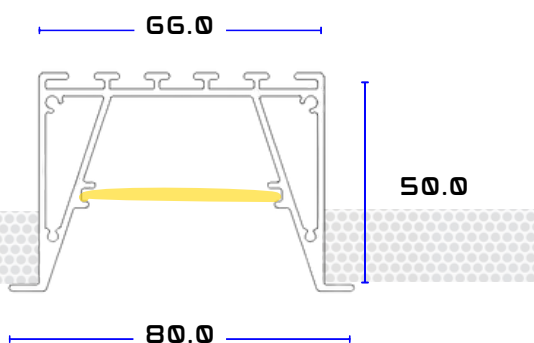
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

DB-5M-6687

product specifications

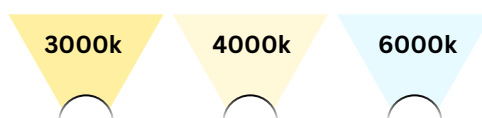
- Power: 34w - 51w - **60w**
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** lm
- Beam Angel: 90°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: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



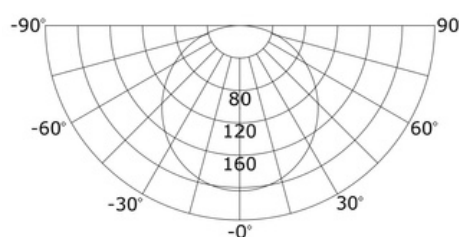
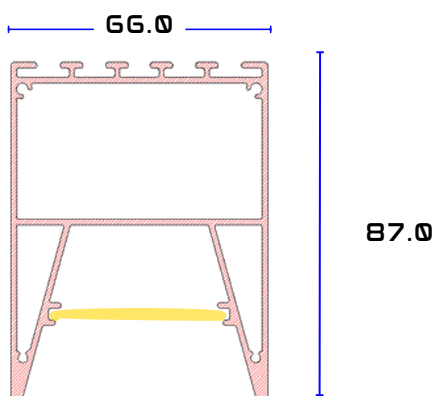
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

RM-6022

product specifications

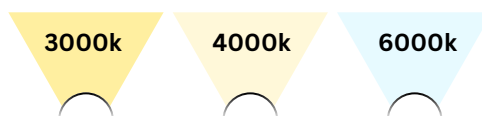
- Power: 34w - 51w - **60w**
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** lm
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: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



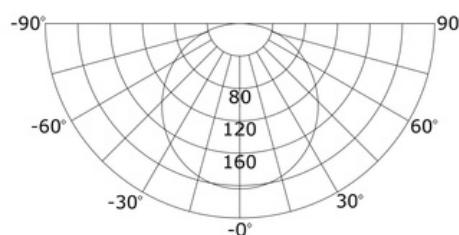
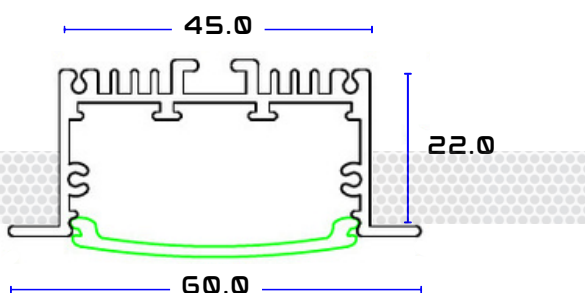
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

RM-6012

product specifications

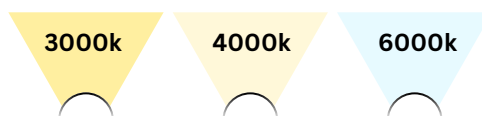
- Power: 34w - 51w - **60w**
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** lm
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: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



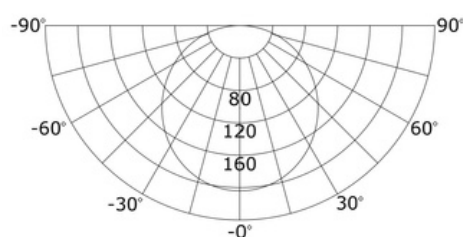
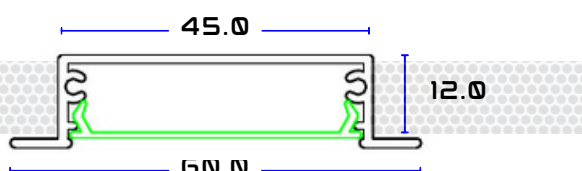
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

SM-4555

product specifications

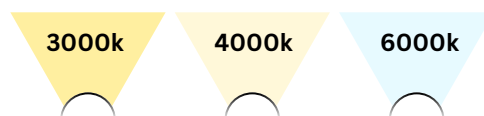
- Power: 34w - 51w - **60w**
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** lm
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: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



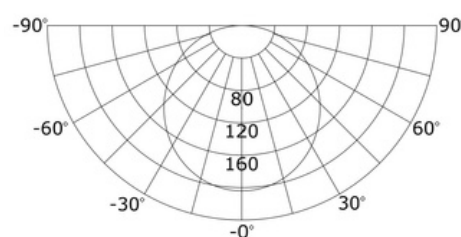
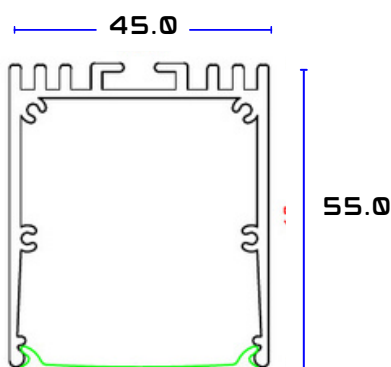
Production Color



Color Temperature



Technical Map





SM-4555

LINEAR LIGHT

SM-4520

product specifications

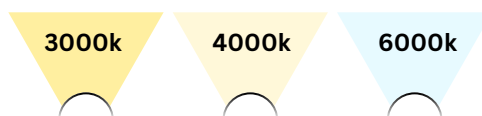
- Power: 34w - 51w - **60w**
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** LM
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: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



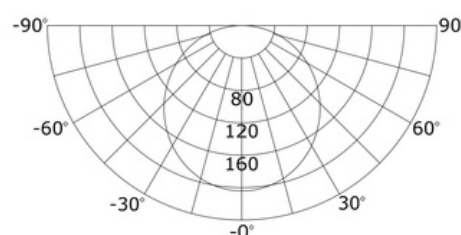
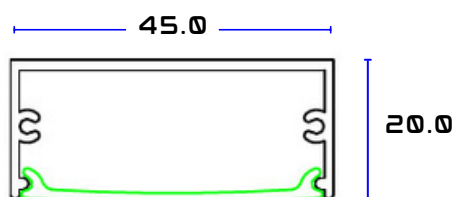
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

RM-7831

product specifications

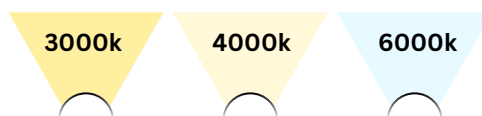
- Power: 34w - 51w - **60w** - 68w
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500**-9200LM
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000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



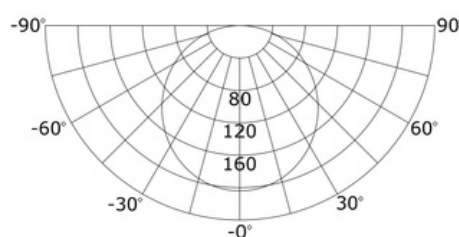
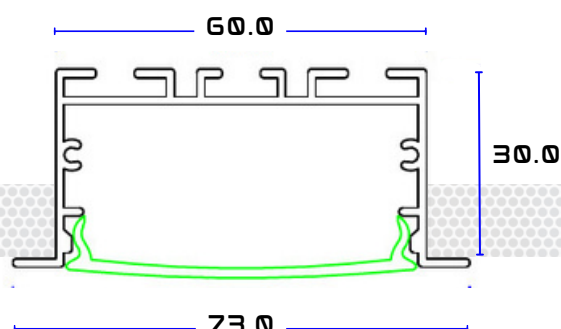
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

SM-5931

product specifications

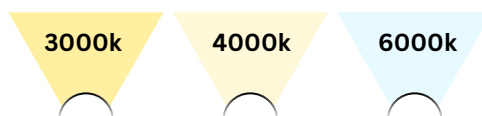
- Power: 34w - 51w - **60w** - 68w
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500**-9200LM
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000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



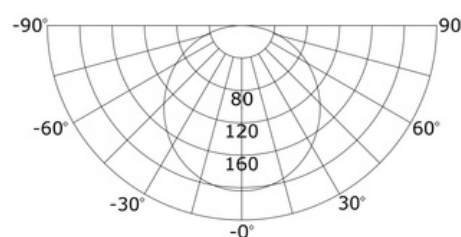
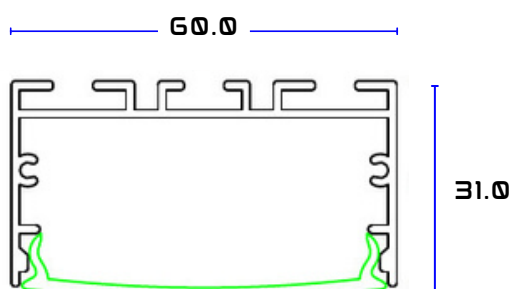
Production Color



Color Temperature



Technical Map





SM-5931

LINEAR LIGHT

SM-5510

product specifications

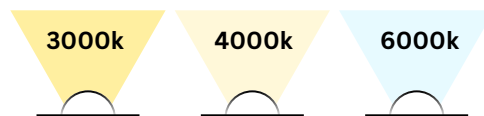
- Power: 34w - 51w - **60w** /M
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: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



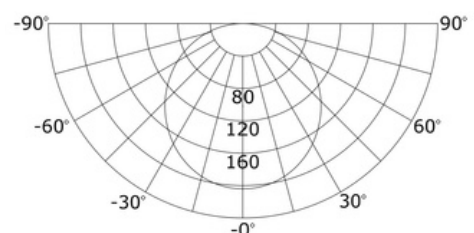
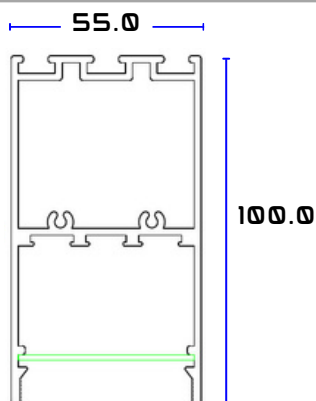
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

SM-6097

product specifications

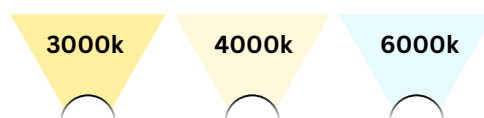
- Power: 34w - 51w - **60w** /M
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: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



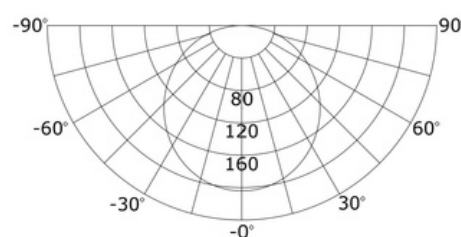
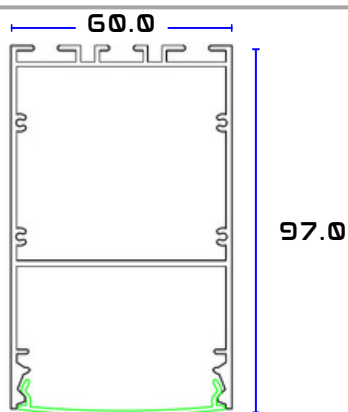
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

RM-4321

product specifications

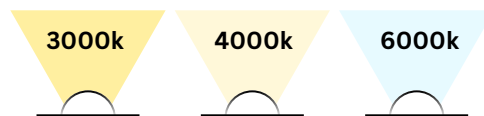
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingreess Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



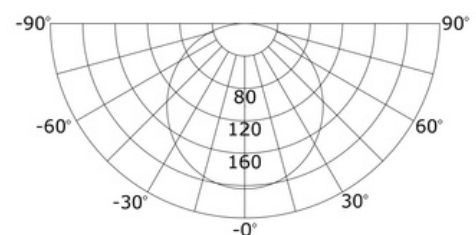
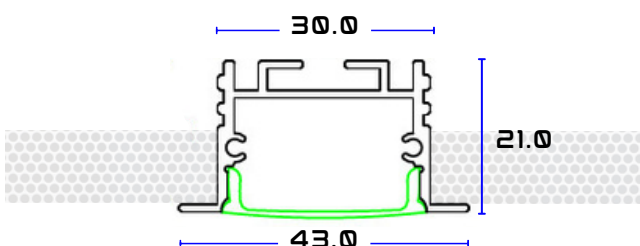
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

RM-4312

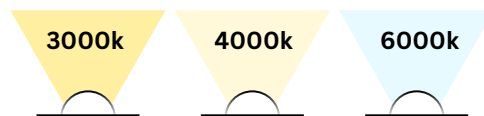
product specifications

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

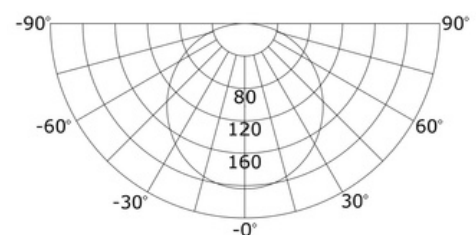
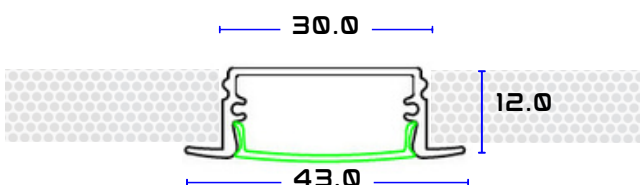
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

SM-3016

product specifications

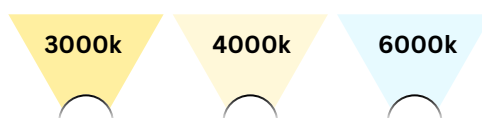
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



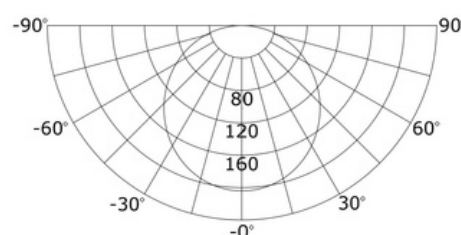
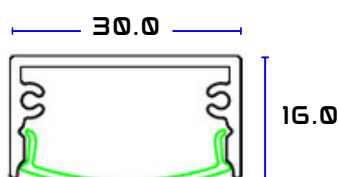
Production Color



Color Temperature



Technical Map

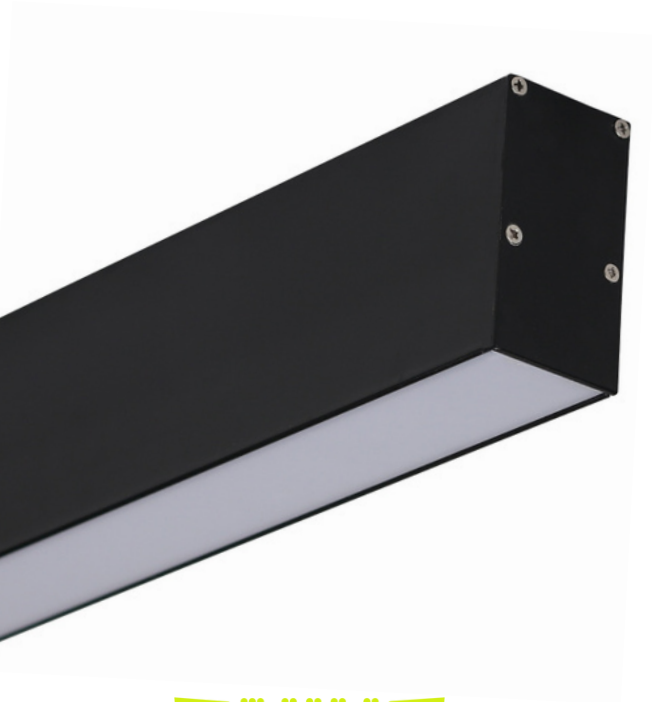


LINEAR LIGHT

SM-3070

product specifications

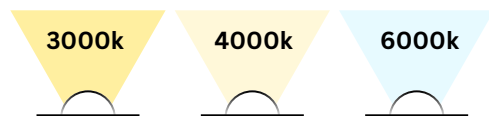
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



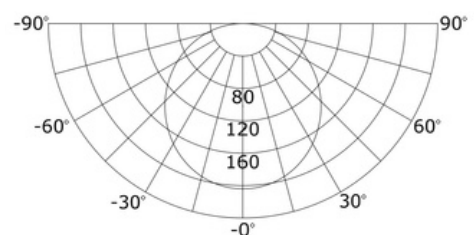
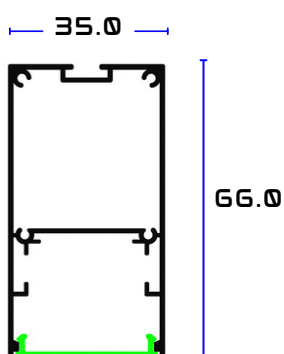
Production Color



Color Temperature



Technical Map





SM-3070

LINEAR LIGHT

SM-3035

product specifications

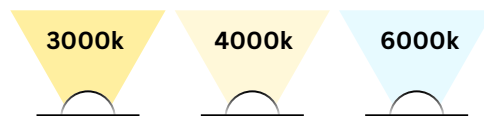
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



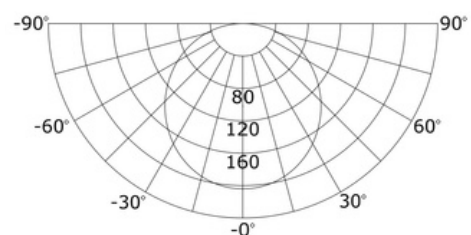
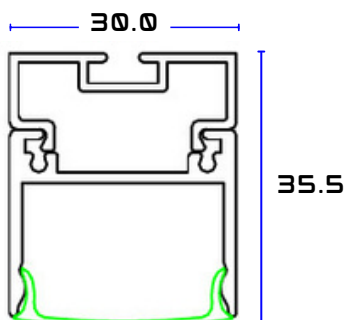
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

SM-3055

product specifications

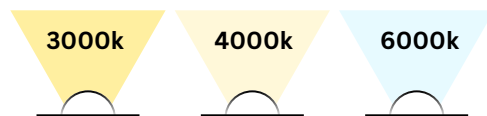
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingreess Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



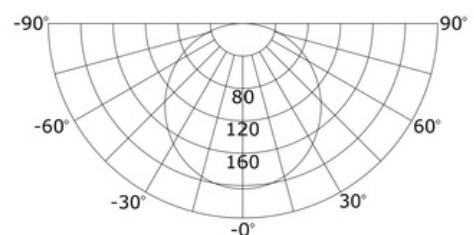
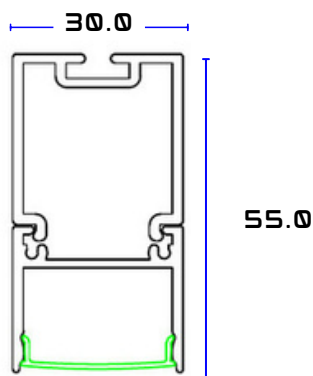
Production Color



Color Temperature



Technical Map

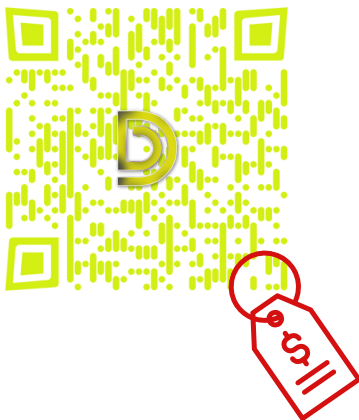


LINEAR LIGHT

HID-RM-3013

product specifications

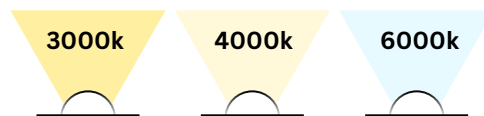
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



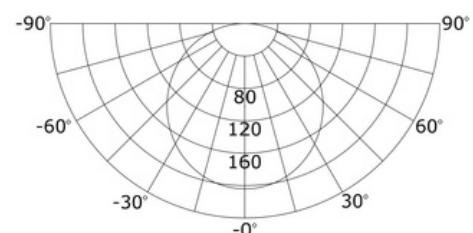
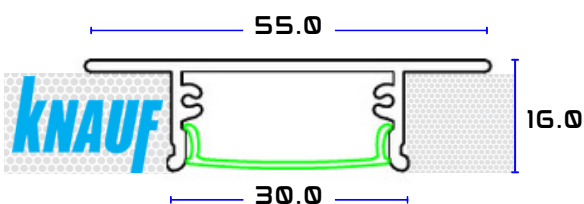
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

SM-3010

product specifications

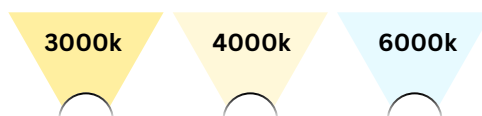
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingreess Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to+40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



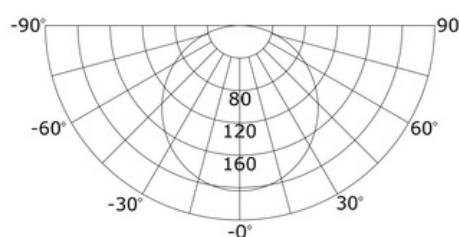
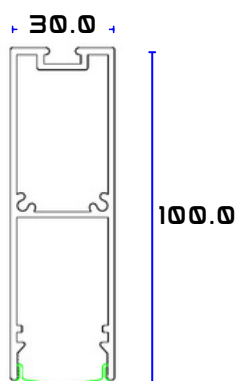
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

SM-CC30

product specifications

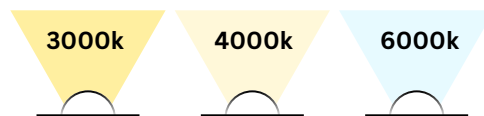
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 180°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



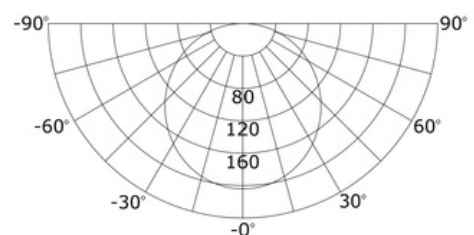
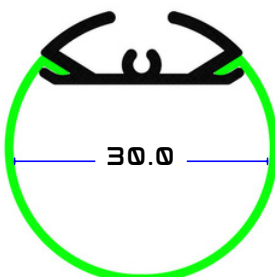
Production Color



Color Temperature



Technical Map

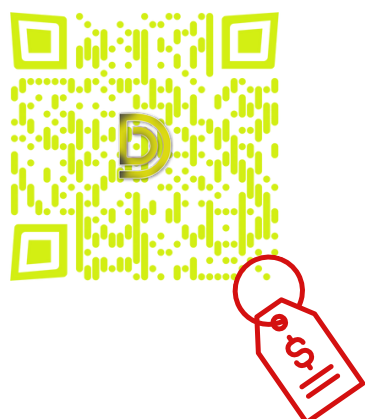


LINEAR LIGHT

SM-CC60

product specifications

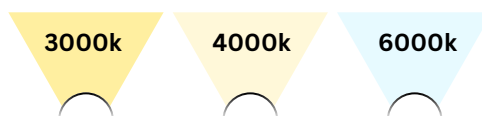
- Power: 17W- 34W/M
- Luminous Efficiency: 118 lm/w
- Flux: 2300 - 4600 LM/M
- Beam Angel: 180°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



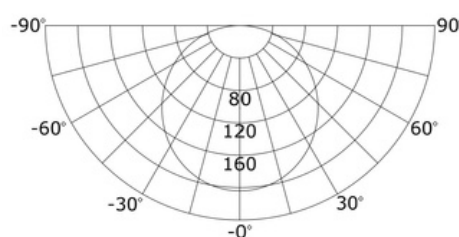
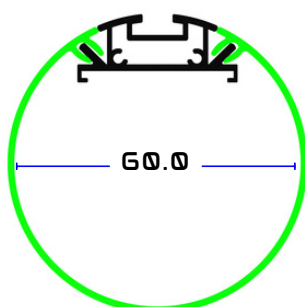
Production Color



Color Temperature



Technical Map





SM-CC60

LINEAR LIGHT

SM-B5550

product specifications

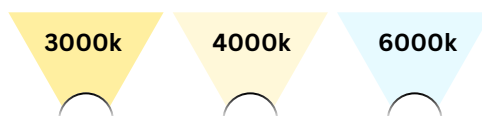
- Power: 34w - 51w - **60w** /M
- Luminous Efficiency: 118 lm/w
- Flux: 4600-6900-**8500** LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: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



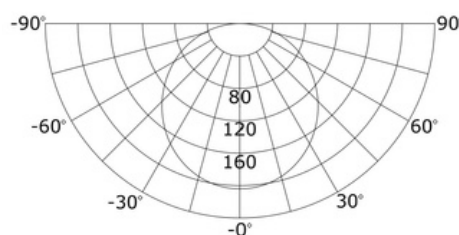
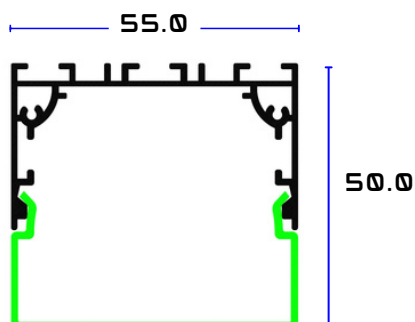
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

SM-8575

product specifications

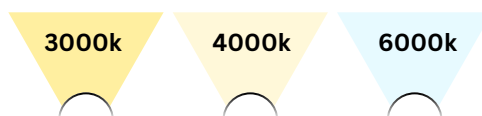
- Power: 51W-60W-68W-85W-120W/M
- Luminous Efficiency: 118 lm/w
- Flux: 6900-8500-9200-11500-17000LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000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



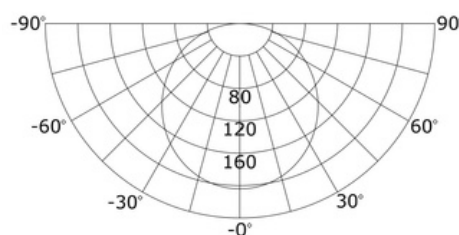
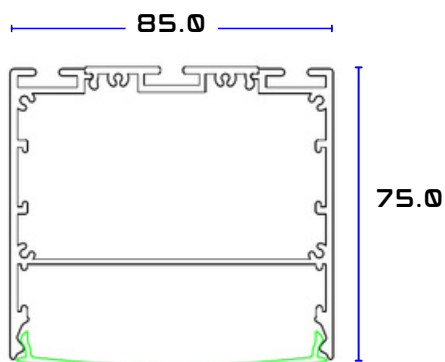
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

RM-1036

product specifications

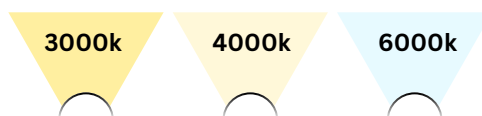
- Power: 51W-**60W**-68W-85W-**120W**/M
- Luminous Efficiency: 118 lm/w
- Flux: 6900-**8500**-9200-11500-**17000**LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
-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



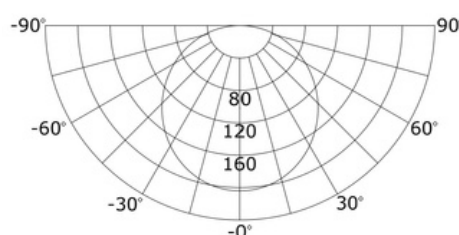
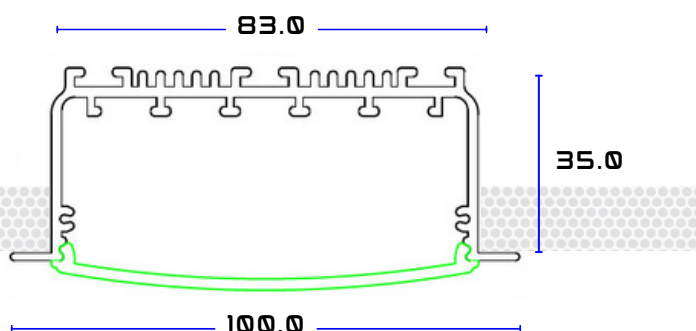
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

RM-235

product specifications

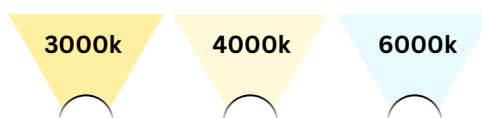
- Power: 5W/14W/17W/M
- Luminous Efficiency: 118 lm/w
- Flux: 1000-1650-2300-LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years



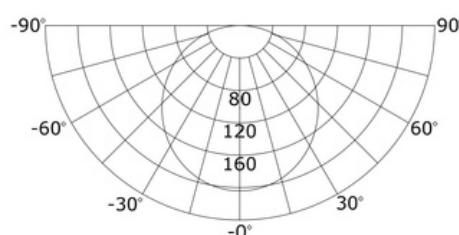
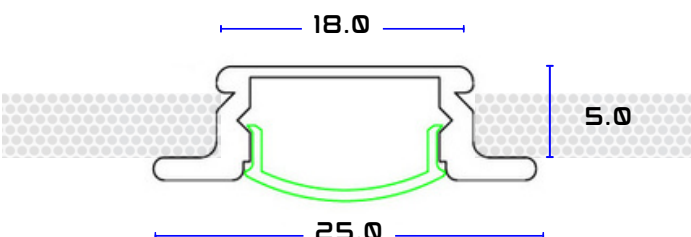
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

RM-119

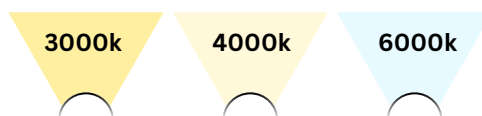
product specifications

- 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
- Ingreess Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate white/black
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

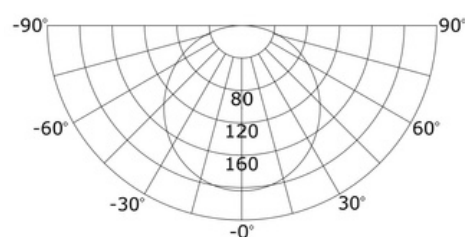
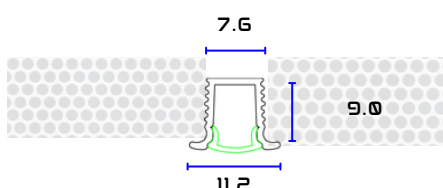
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

CN-5M-88

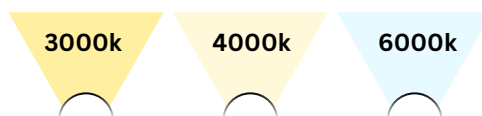
product specifications

- 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
- Ingreess Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate white/black
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

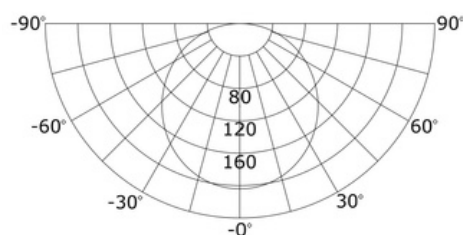
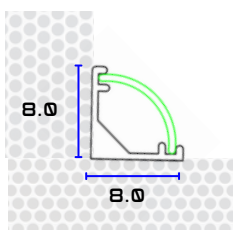
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

CN-5M-1616

product specifications

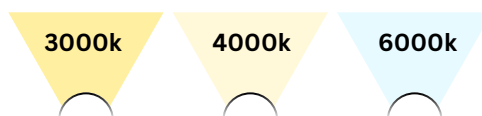
- Power: 5W/12W/M
- Luminous Efficiency: 118 lm/w
- Flux: 1000-1650-2300-LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate white/black
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: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



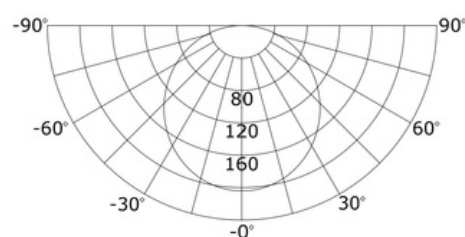
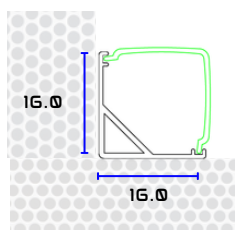
Production Color



Color Temperature



Technical Map

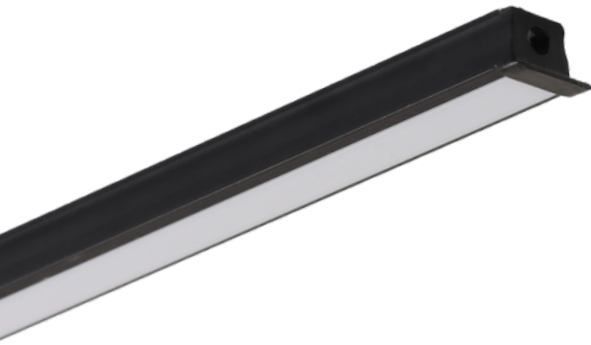


LINEAR LIGHT

RM-2517

product specifications

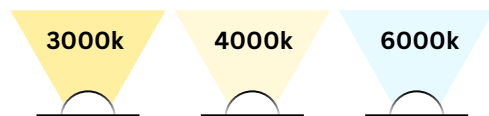
- Power: 5W/12W/M
- Luminous Efficiency: 118 lm/w
- Flux: 1000-1650-2300-LM/M
- Beam Angel: 160°
- CRI: >85
- Color Temperature: 3000k-4000k-6000k
- Ingress Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate white/black
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: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



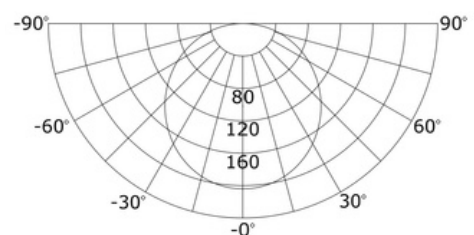
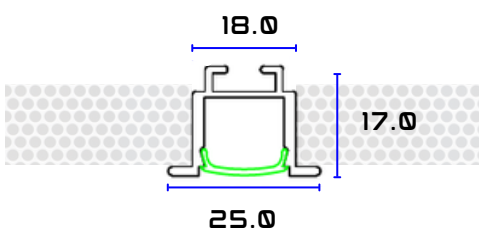
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

5M-1616

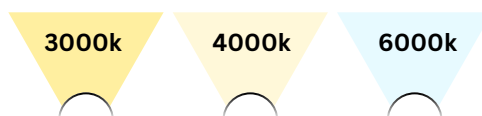
product specifications

- 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
- Ingreess Protection: IP20
- Body: Aluminium
- Diffuser: Polycarbonate white/black
- Operation Temperature: -20°C to +40°C
- Life Time: 50.000 h
- Guarantee: 3 Years

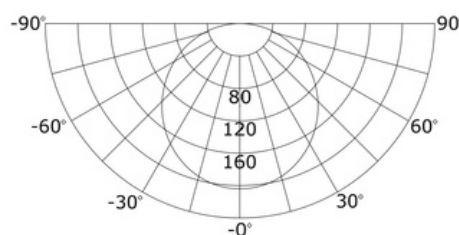
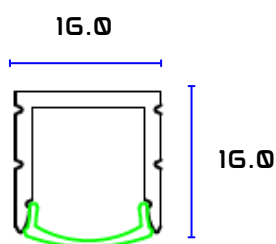
Production Color



Color Temperature



Technical Map



LINEAR LIGHT

BU-2025

product specifications

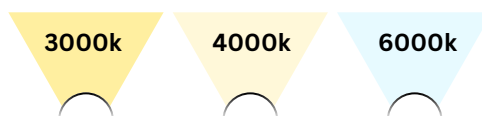
- Power: 17W-10W /M
- Luminous Efficiency: 118 lm/w
- Flux: 2300-1300 LM/M
- Beam Angel: 120°
- CRI: >85
- Color Temperature: 3000k-4000k
- Ingress Protection: IP65/IP68
- Body: Aluminium
- Diffuser: Polycarbonate
- Operation Temperature: -20°C to +40°C
- Life Time: 30.000 h
- Guarantee: 1 Years



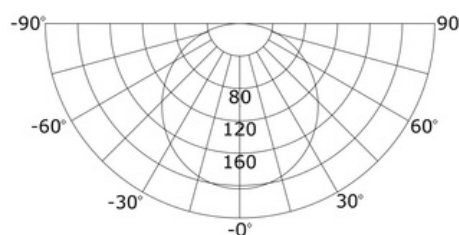
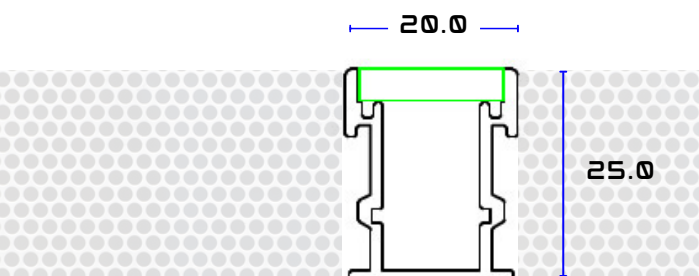
Production Color



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 کلوین 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 کلوین است به این معنی است که اگر جسم سیاه را تا 4000 درجه کلوین گرم کنیم، نوری به رنگ لامپ فلورسنت فوق منتشر میکند.

مناسب برای	کلوین (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.