



Lighting Industries



About Us

Blan Lighting Industries Company started its activity in the field of design and production of LED lighting equipment required for roofed and open offices, commercial, residential and industrial places in compliance with the standards of international standards and formed its research and development department in Lyon, France and the creation of a production line in Kaveh industrial town, has transferred the latest technology in the lighting industry from Europe to the country. The products of this company are designed, prototyped and tested in France by French experts, and after receiving the final approval, the produced sample with all the relevant technical information is transferred to the country to create a production line, and then the production stages Begins. This trend in Blan lighting industry has led to the production of products that in terms of useful life, quality and technical characteristics and appearance can be exported to regional and even European countries. Also, all products of this company have a 3-year warranty, And 50,000 hours of useful life.

Blan Lighting Industries consists of sections of mold making, die casting, plastic injection, metalworking, electrostatic powder paint, PVC paint, assembly lines, quality control in Kaveh Industrial Town, warehouse, marketing, sales, domestic and foreign purchases, service unit After sales, technical design of projects, contract affairs, finance and management in Tehran and production planning and research and development in Lyon, France.

One of the goals of Blan lighting industry, in addition to producing products with desirable quality and world standard, is to transfer the latest technology to our beloved country.



A modern dining room with a wooden table, black chairs, and a white pendant light. The room features light gray walls, two small white-framed windows, and a dark gray rug. A yellow banner with the word 'INDEX' is overlaid on the image.

INDEX

I N D E X

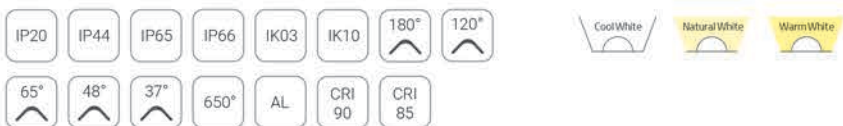
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PRODUCTION COLOR



SYMBOLS





DOWN LIGHT

DOWNLIGHT

12 Watt



Product Specifications

LED Type: SMD
 Number of LED: 15
 Power: 12 Watt
 Power Factor: >0.8
 Luminous Efficiency: 100 lm/w
 Flux: 1200 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP44-IP20
 Body: Polycarbonate
 Heat Sink: Aluminium
 Dimensions: $\phi 140 \times 38$ mm
 Weight: 218 g
 Operation Temperature: From -20°C to +45°C
 Driver: On-Board
 Life Time: 30.000 h
 Guarantee: 2 Years

IP20
IP44

IK03

120°

650°

AL

CRI
85

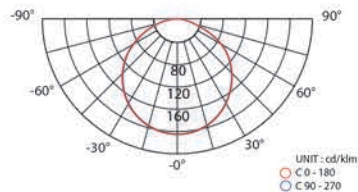
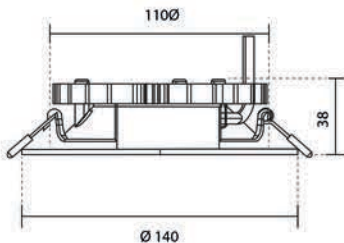
Production Color



Color Temperature



Technical Map



DOWNLIGHT

24 Watt



Product Specifications

LED Type: SMD
 Number of LED: 30
 Power: 24 Watt
 Power Factor: >0.8
 Luminous Efficiency: 100 lm/w
 Flux: 2400 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP44-IP20
 Body: Polycarbonate
 Heat Sink: Aluminium
 Dimensions: $\phi 172 \times 45$ mm
 Weight: 410 g
 Operation Temperature: From -20°C to +45°C
 Driver: On-Board
 Life Time: 30.000 h
 Guarantee: 2 Years

IP20
IP44

IK03

120°

650°

AL

CRI
85

Production Color

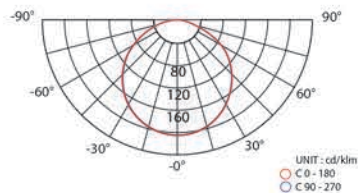
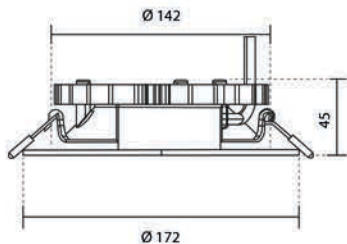


Color Temperature

Natural White

4000K

Technical Map



DOWNLIGHT

16 Watt



Product Specifications

LED Type: SMD
 Number of LED: 24
 Power: 16 Watt
 Power Factor: >0.9
 Luminous Efficiency: 114 lm/w
 Flux: 1824 lm
 Beam Angle: 65°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP44-IP20
 Frame: Polycarbonate
 Heat Sink: Aluminium
 Dimensions: $\varnothing 203 \times 105$ mm
 Weight: 770 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 300 mA
 Life Time: 50,000 h
 Guarantee: 3 Years

IP20
IP44

IK03

65°

650°

AL

CRI
85

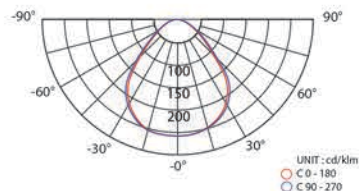
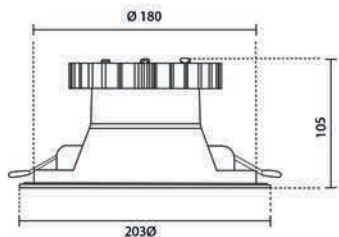
Production Color



Color Temperature



Technical Map



DOWNLIGHT

25 Watt



Product Specifications

LED Type: SMD
 Number of LED: 60
 Power: 25 Watt
 Power Factor: >0.9
 Luminous Efficiency: 114 lm/w
 Flux: 2840 lm
 Beam Angle: 65°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP44-IP20
 Frame: Polycarbonate
 Heat Sink: Aluminium
 Dimensions: $\varnothing 203 \times 105$ mm
 Weight: 770 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 700 mA
 Life Time: 50,000 h
 Guarantee: 3 Years

IP20
IP44

IK03

65°

650°

AL

CRI
85

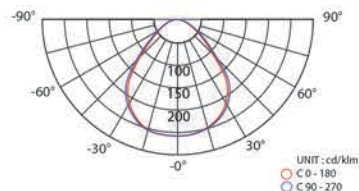
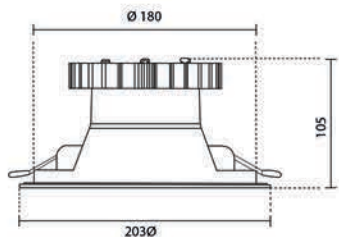
Production Color



Color Temperature



Technical Map



A photograph of a modern dining area. The ceiling is a grid of light-colored panels with dark, recessed lighting strips and circular lights. The floor is a dark, polished material. In the center, there is a long, low, dark-colored table with a textured surface. To the left and right, there are several tables with white chairs. Large windows in the background provide natural light. A yellow banner with the text "POWER LIGHT" is overlaid on the image.

POWER LIGHT

LED PowerLight

7.7 Watt



Product Specifications

LED Type: COB
 Number of LED: 1
 Power: 7.7 Watt
 Power Factor: >0.5
 Luminous Efficiency: 109 lm/w
 Flux: 840 lm
 Beam Angle: 48°
 CRI: >90
 Color Temperature: 2700 K - 4000 K
 Ingress Protection: IP20
 Power Light Body: Polycarbonate
 Heat Sink: Aluminium
 Dimensions: $\phi 50 \times 52$ mm
 Weight: 118 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 200 mA
 Life Time: 50,000 h
 Guarantee: 3 Years

IP20

IK03

48°

650°

AL

CRI
90

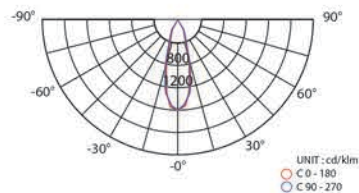
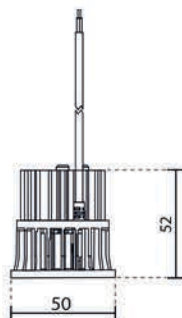
Production Color



Color Temperature



Technical Map



IP-LED PowerLight

With Aluminium Frame



Product Specifications

LED Type: COB
 Number of LED: 1
 Power: 7.7 Watt
 Power Factor: >0.5
 Luminous Efficiency: 109 lm/w
 Flux: 840 lm
 Beam Angle: 48°
 CRI: >90
 Color Temperature: 2700 K - 4000K
 Ingress Protection: IP44
 Power Light Body: Polycarbonate
 Heat Sink: Aluminium
 Frame: Aluminium
 Dimensions: ϕ 100 | 90 | 80x56 mm
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 200 mA
 Life Time: 50.000 h
 Guarantee: 3 Years



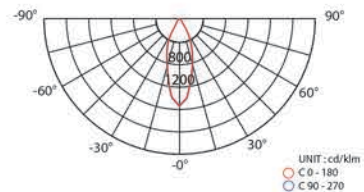
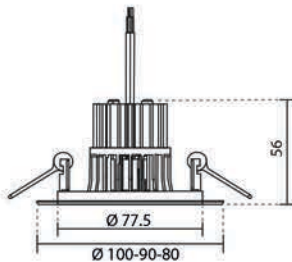
Production Color



Color Temperature



Technical Map



LED PowerLight

With Aluminium Frame



Product Specifications

LED Type: COB
 Number of LED: 1
 Power: 7.7 Watt
 Power Factor: >0.5
 Luminous Efficiency: 109 lm/w
 Flux: 840 lm
 Beam Angle: 48°
 CRI: >90
 Color Temperature: 2700K - 4000K
 Ingress Protection: IP20
 Power Light Body: Polycarbonate
 Heat Sink: Aluminium
 Frame: Aluminium
 Weight: 182g
 Dimensions: $\phi 100$ | 90 | 80x56 mm
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 200 mA
 Life Time: 50,000 h
 Guarantee: 3 Years



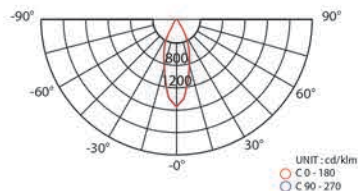
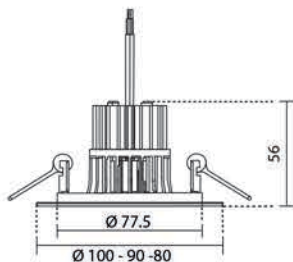
Production Color



Color Temperature



Technical Map



LED PowerLight

With DarkLight Frame



Product Specifications

LED Type: COB
 Number of LED: 1
 Power: 7.7 Watt
 Power Factor: >0.5
 Luminous Efficiency: 109 lm/w
 Flux: 840 lm
 Beam Angle: 37°
 CRI: >90
 Color Temperature: 2700K - 4000K
 Ingress Protection: IP20
 Power Light Body: Polycarbonate
 Heat Sink: Aluminium
 Frame: Aluminium
 Weigh: 178 g
 Dimensions: $\phi 100$ | 90 | 80x85 mm
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 200 mA
 Life Time: 50,000 h
 Guarantee: 3 Years



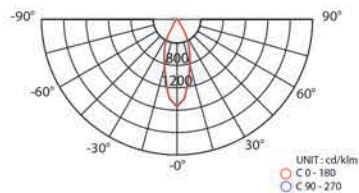
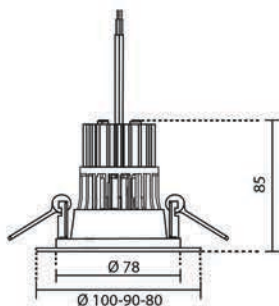
Production Color



Color Temperature



Technical Map



LED PowerLight

With Polycarbonate Frame



Product Specifications

LED Type: COB
 Number of LED: 1
 Power: 7.7 Watt
 Power Factor: >0.5
 Luminous Efficiency: 109 lm/w
 Flux: 840 lm
 Beam Angle: 48°
 CRI: >90
 Color Temperature: 2700K - 4000K
 Ingress Protection: IP20
 Power Light Body: Polycarbonate
 Heat Sink: Aluminium
 Frame: Polycarbonate
 Weight: 134 g
 Dimensions: $\phi 75 \times 56$ mm
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 200 mA
 Life Time: 50,000 h
 Guarantee: 3 Years

IP20

IK03

48°

650°

AL

CRI
90

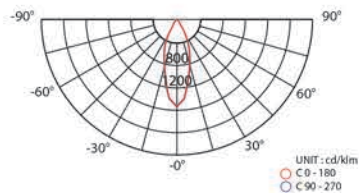
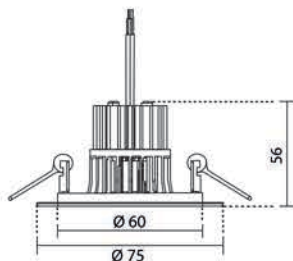
Production Color



Color Temperature



Technical Map



PowerLight

Eco



Product Specifications

LED Type: SMD
 Number of LED: 5
 Power: 4.7 Watt
 Power Factor: >0.8
 Luminous Efficiency: 85 lm/w
 Flux: 400 lm
 Beam Angle: 48°
 CRI: >85
 Color Temperature: 3000K
 Ingress Protection: IP20
 Weight: 48 g - 54 g
 Dimensions: $\phi 85 \times 28$ mm - $\phi 100 \times 28$ mm
 Operation Temperature: From -20°C to +45°C
 Driver: On-Board
 Life Time: 30,000 h
 Guarantee: 2 Years

IP20

IK03

48°

650°

AL

CRI
85

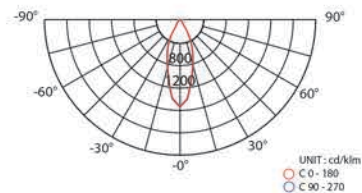
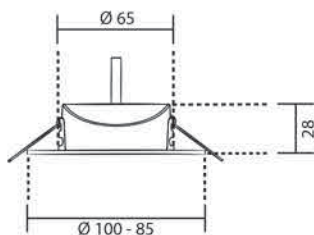
Production Color



Color Temperature



Technical Map





Trim Less

7.7 Watt

Product Specifications

LED Type: COB
 Number of LED: 1
 Power: 7.7 Watt
 Power Factor: >0.5
 Luminous Efficiency: 109 lm/w
 Flux: 840 lm
 Beam Angle: 48°
 CRI: >90
 Color Temperature: 2700 K - 4000K
 Ingress Protection: IP20
 Power Light Body: Polycarbonate
 Heat Sink: Aluminium
 Dimensions: $\phi 108 \times 80$ mm
 Weight: 118 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 200 mA
 Life Time: 50,000 h
 Guarantee: 3 Years

IP20

IK03

48°

650°

AL

CRI
90

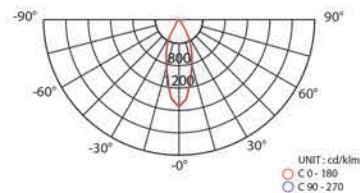
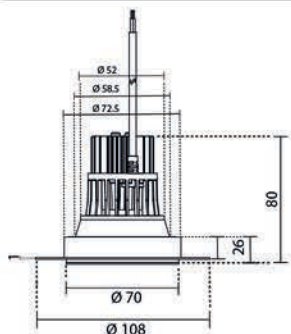
Production Color



Color Temperature



Technical Map



LED PowerLight

7.7 Watt



Product Specifications

LED Type: COB
 Number of LED: 1
 Power: 7.7 Watt
 Power Factor: >0.5
 Luminous Efficiency: 109 lm/w
 Flux: 840 lm
 Beam Angle: 48°
 CRI: >90
 Color Temperature: 2700 K - 4000 K
 Ingress Protection: IP20
 Power Light Body: Polycarbonate
 Heat Sink: Aluminium
 Dimensions: $\phi 72 \times 80$ mm
 Weight: 415 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 200 mA
 Life Time: 50,000 h
 Guarantee: 3 Years

IP20

IK03

48°

650°

AL

CRI
90

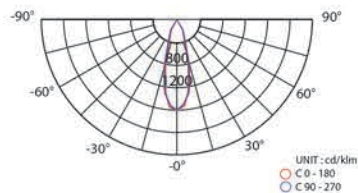
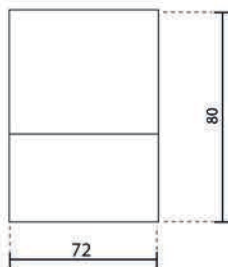
Production Color



Color Temperature



Technical Map

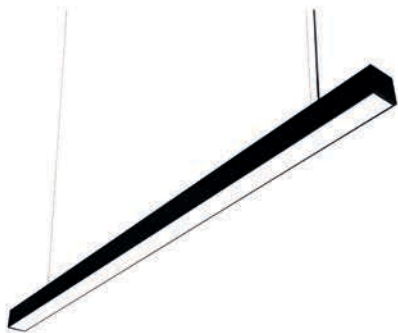




LINEAR LIGHT

LinearLight

Pendant 150Cm



Product Specifications

LED Type: SMD (5630)
 Number of LED: 130
 Power: 45 Watt
 Power Factor: >0.9
 Luminous Efficiency: 118 lm/w
 Flux: 5300 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP20
 Body: Aluminium
 Diffuser: Polycarbonate
 Dimensions: $\phi 1500 \times 50 \times 51$ mm
 Weight: 2100 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 1200 mA
 Life Time: 50.000 h
 Guarantee: 3 Years



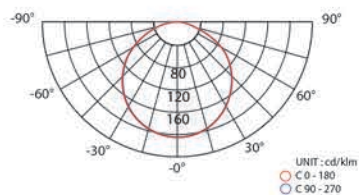
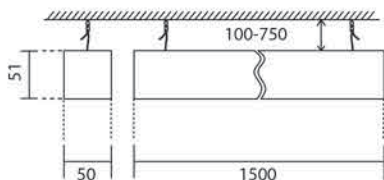
Production Color



Color Temperature

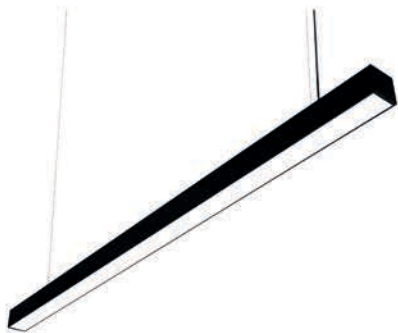


Technical Map



LinearLight

Pendant 120Cm



Product Specifications

LED Type: SMD (5630)
 Number of LED: 130
 Power: 45 Watt
 Power Factor: >0.9
 Luminous Efficiency: 118 lm/w
 Flux: 5300 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP20
 Body: Aluminium
 Diffuser: Polycarbonate
 Dimensions: ϕ 1200x50x51mm
 Weight: 1650 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 1200 mA
 Life Time: 50.000 h
 Guarantee: 3 Years



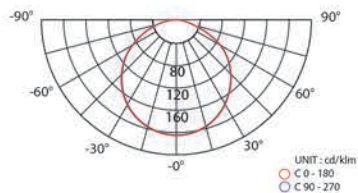
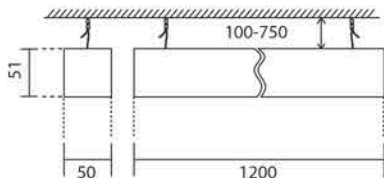
Production Color



Color Temperature

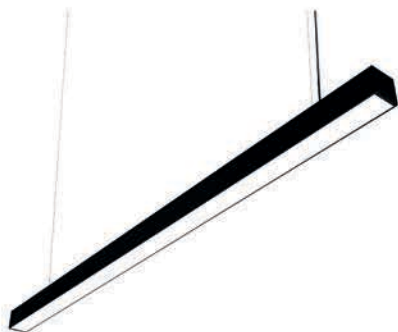


Technical Map



LinearLight

Pendant 75 Cm



Product Specifications

LED Type: SMD (5630)
 Number of LED: 65
 Power: 23 Watt
 Power Factor: >0.9
 Luminous Efficiency: 118 lm/w
 Flux: 2700 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP20
 Body: Aluminium
 Diffuser: Polycarbonate
 Dimensions: $\phi 750 \times 50 \times 51$ mm
 Weight: 1090 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 700 mA
 Life Time: 50.000 h
 Guarantee: 3 Years

IP20

IK03

120°

650°

AL

CRI
85

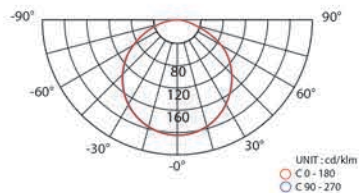
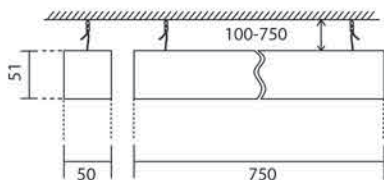
Production Color



Color Temperature



Technical Map

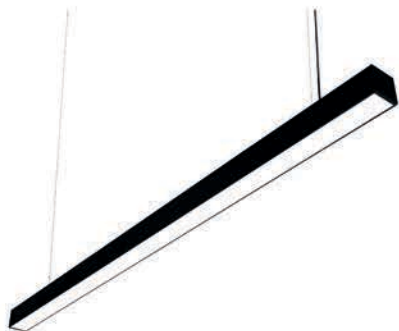


LinearLight

Pendant 60 Cm

Product Specifications

LED Type: SMD (5630)
 Number of LED: 65
 Power: 23 Watt
 Power Factor: >0.9
 Luminous Efficiency: 118 lm/w
 Flux: 2700 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP20
 Body: Aluminium
 Diffuser: Polycarbonate
 Dimensions: $\phi 600 \times 50 \times 51$ mm
 Weight: 825 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 700 mA
 Life Time: 50,000 h
 Guarantee: 3 Years



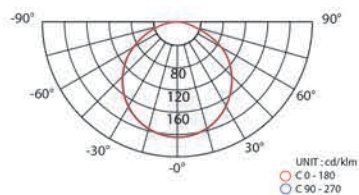
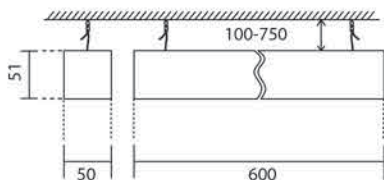
Production Color



Color Temperature

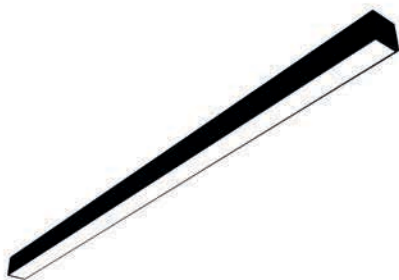


Technical Map



LinearLight

Surface Mounted 150 Cm



Product Specifications

LED Type: SMD (5630)

Number of LED: 130

Power: 45 Watt

Power Factor: >0.9

Luminous Efficiency: 118 lm/w

Flux: 5300 lm

Beam Angle: 120°

CRI: >85

Color Temperature: 4000K

Ingress Protection: IP20

Body: Aluminium

Diffuser: Polycarbonate

Dimensions: ϕ 1500x50x51 mm

Weight: 2100 g

Operation Temperature: From -20°C to +45°C

Driver: Lifud 1200 mA

Life Time: 50,000 h

Guarantee: 3 Years



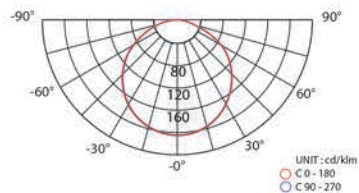
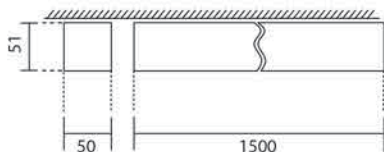
Production Color



Color Temperature

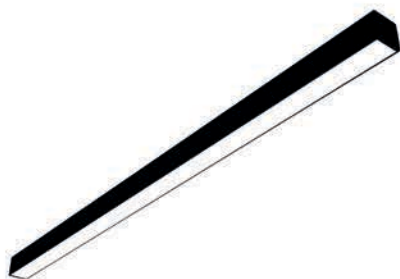


Technical Map



LinearLight

Surface Mounted 120 Cm



Product Specifications

LED Type: SMD (5630)
 Number of LED: 130
 Power: 45 Watt
 Power Factor: >0.9
 Luminous Efficiency: 118 lm/w
 Flux: 5300 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP20
 Body: Aluminium
 Diffuser: Polycarbonate
 Dimensions: ϕ 1200x50x51 mm
 Weight: 1650 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 1200 mA
 Life Time: 50.000 h
 Guarantee: 3 Years



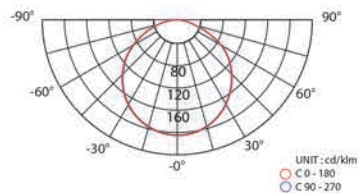
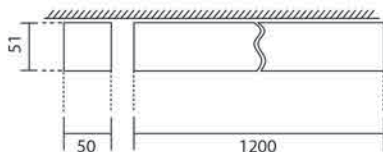
Production Color



Color Temperature

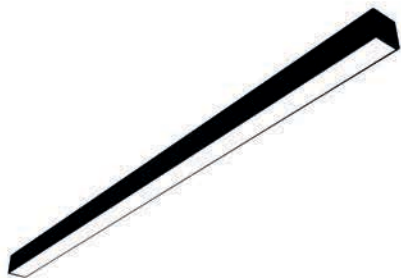


Technical Map



LinearLight

SurfaceMounted 75 Cm



Product Specifications

LED Type: SMD (5630)
 Number of LED: 65
 Power: 23 Watt
 Power Factor: >0.9
 Luminous Efficiency: 118 lm/w
 Flux: 2700 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP20
 Body: Aluminium
 Diffuser: Polycarbonate
 Dimensions: $\phi 750 \times 50 \times 51$ mm
 Weight: 1090 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 700 mA
 Life Time: 50.000 h
 Guarantee: 3 Years



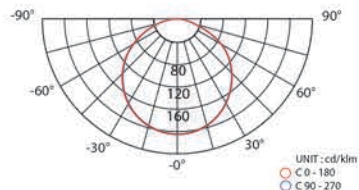
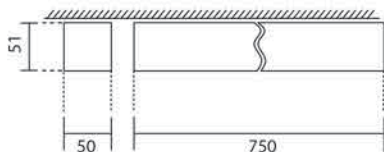
Production Color



Color Temperature



Technical Map



LinearLight

SurfaceMounted 60 Cm



Product Specifications

LED Type: SMD (5630)
 Number of LED: 65
 Power: 23 Watt
 Power Factor: >0.9
 Luminous Efficiency: 118 lm/w
 Flux: 2700 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP20
 Body: Aluminium
 Diffuser: Polycarbonate
 Dimensions: $\phi 600 \times 50 \times 51$ mm
 Weight: 825 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 700 mA
 Life Time: 50,000 h
 Guarantee: 3 Years



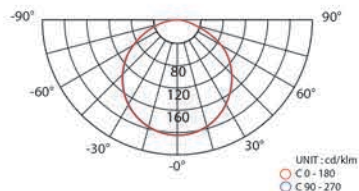
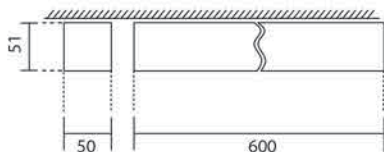
Production Color



Color Temperature



Technical Map



LinearLight

Built-In 150 Cm

Product Specifications

LED Type: SMD (5630)

Number of LED: 130

Power: 45 Watt

Power Factor: >0.9

Luminous Efficiency: 118 lm/w

Flux: 5300 lm

Beam Angle: 120°

CRI: >85

Color Temperature: 4000K

Ingress Protection: IP20

Body: Aluminium

Diffuser: Polycarbonate

Dimensions: ϕ 1500x62x48 mm

Weight: 1222 g

Operation Temperature: From -20°C to +45°C

Driver: Lifud 1200 mA

Life Time: 50.000 h

Guarantee: 3 Years



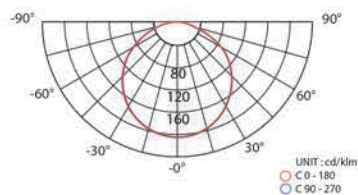
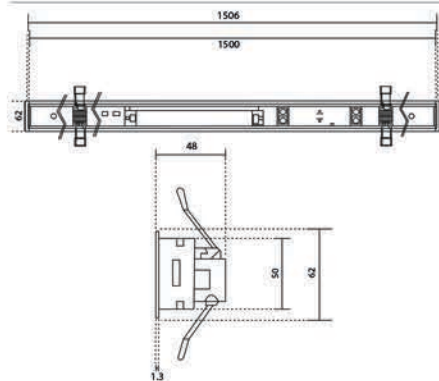
Production Color



Color Temperature



Technical Map



LinearLight

Built-In 120 Cm

Product Specifications

LED Type: SMD (5630)

Number of LED: 130

Power: 45 Watt

Power Factor: >0.9

Luminous Efficiency: 118 lm/w

Flux: 5300 lm

Beam Angle: 120°

CRI: >85

Color Temperature: 4000K

Ingress Protection: IP20

Body: Aluminium

Diffuser: Polycarbonate

Dimensions: ϕ 1200x62x48 mm

Weight: 1180 g

Operation Temperature: From -20°C to +45°C

Driver: Lifud 1200 mA

Life Time: 50.000 h

Guarantee: 3 Years



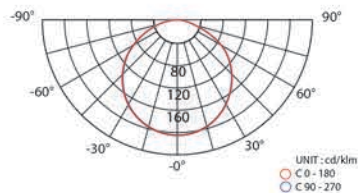
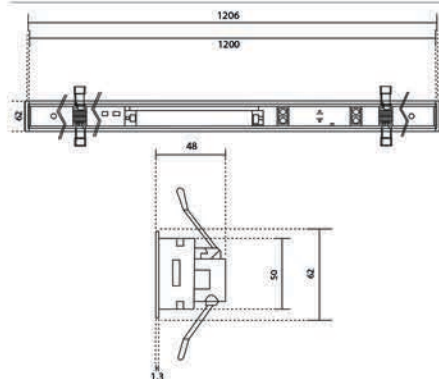
Production Color



Color Temperature



Technical Map



LinearLight

Built-In 75 Cm



Product Specifications

LED Type: SMD (5630)
 Number of LED: 65
 Power: 23 Watt
 Power Factor: >0.9
 Luminous Efficiency: 118 lm/w
 Flux: 2700 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP20
 Body: Aluminium
 Diffuser: Polycarbonate
 Dimensions: $\phi 750 \times 62 \times 48$ mm
 Weight: 752 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 700 mA
 Life Time: 50.000 h
 Guarantee: 3 Years

IP20

IK03

120°

650°

AL

CRI
85

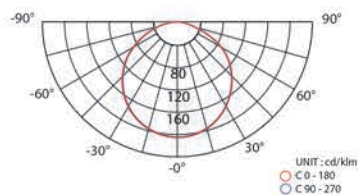
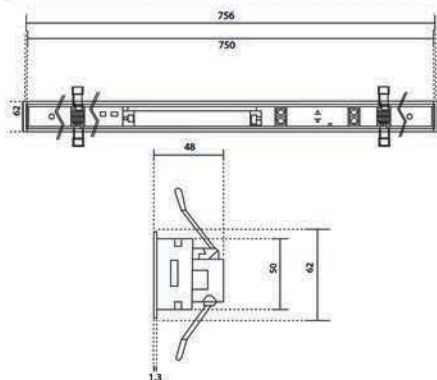
Production Color



Color Temperature



Technical Map



LinearLight

Built-In 60 Cm



Product Specifications

LED Type: SMD (5630)
 Number of LED: 65
 Power: 23 Watt
 Power Factor: >0.9
 Luminous Efficiency: 118 lm/w
 Flux: 2700 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP20
 Body: Aluminium
 Diffuser: Polycarbonate
 Dimensions: $\phi 600 \times 62 \times 48$ mm
 Weight: 590 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 700 mA
 Life Time: 50.000 h
 Guarantee: 3 Years

IP20

IK03

120°

650°

AL

CRI
85

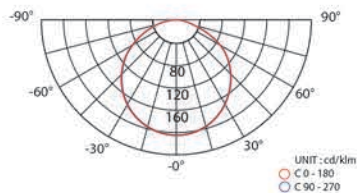
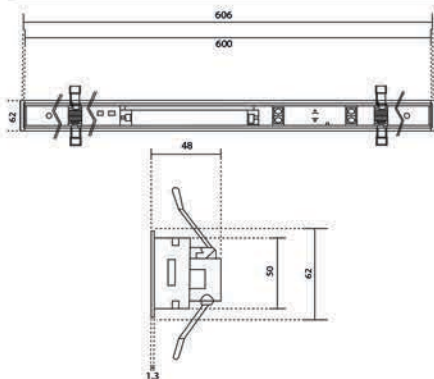
Production Color



Color Temperature



Technical Map







TUBE LIGHT

IP-TubeLight

45 Watt

Product Specifications

LED Type: SMD (5630)
 Number of LED: 130
 Power: 45 Watt
 Power Factor: >0.9
 Luminous Efficiency: 118 lm/w
 Flux: 5300 lm
 Beam Angle: 180°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP66
 Body: Polycarbonate
 Diffuser: Polycarbonate
 Dimensions: $\varnothing 90 \times 1310$ mm
 Weight: 1674 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 1200 mA
 Life Time: 50.000 h
 Guarantee: 3 Years



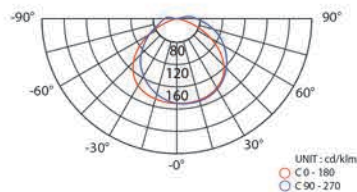
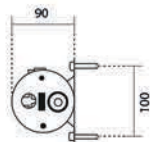
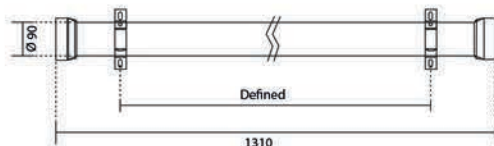
Production Color



Color Temperature



Technical Map



IP-TubeLight

23 Watt



Product Specifications

LED Type: SMD (5630)
 Number of LED: 65
 Power: 23 Watt
 Power Factor: >0.9
 Luminous Efficiency: 118 lm/w
 Flux: 2700 lm
 Beam Angle: 180°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP66
 Body: Polycarbonate
 Diffuser: Polycarbonate
 Dimensions: $\phi 90 \times 710$ mm
 Weight: 1100 g
 Operation Temperature: From -20°C to +45°C
 Driver: Lifud 1200 mA
 Life Time: 50.000 h
 Guarantee: 3 Years



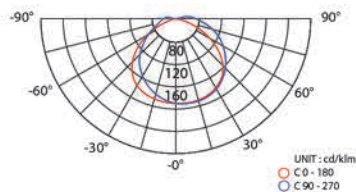
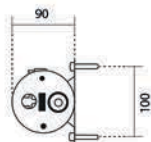
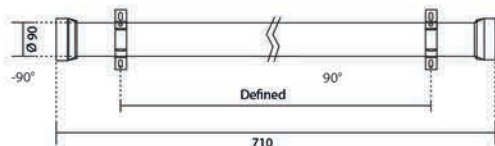
Production Color



Color Temperature



Technical Map







STRIP LIGHT

StriLight

IP 20 - 13 Watt

Product Specifications

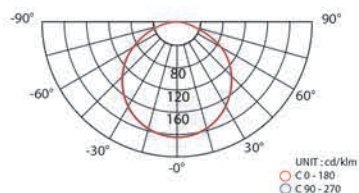
Voltage: 24v DC
 LED Type: SMD (2835)
 Number of LED: 70 per Meter
 Power: 13 Watt
 Luminous Efficiency: 127 lm/w
 Flux: 1650 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 3000K - 4000K
 Ingress Protection: IP20
 Dimensions: $\varnothing 8 \times 5000$ mm
 Operation Temperature: From -20°C to +45°C
 Life Time: 50,000 h
 Guarantee: 3 Years
 Cut Line: Every 10 Cm



Color Temperature



Technical Map



StripLight

IP 20 - 17 Watt



Product Specifications

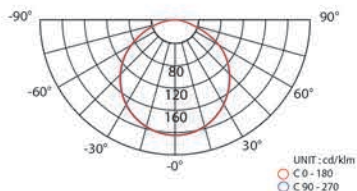
Voltage: 24v DC
 LED Type: SMD (2835)
 Number of LED: 140 per Meter
 Power: 17 Watt
 Luminous Efficiency: 135 lm/w
 Flux: 2300 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 3000K - 4000K
 Ingress Protection: IP20
 Dimensions: ø8x5000 mm
 Operation Temperature: From -20°C to +45°C
 Life Time: 50,000 h
 Guarantee: 3 Years
 Cut Line: Every 5 Cm



Color Temperature



Technical Map



Striplight

IP 65 (Silicon Cover) - 13 Watt



Product Specifications

Voltage: 24v DC

LED Type: SMD (2835)

Number of LED: 70 per Meter

Power: 13 Watt

Luminous Efficiency: 127 lm/w

Flux: 1650 lm

Beam Angle: 120°

CRI: >85

Color Temperature: 3000K - 4000K

Ingress Protection: IP65

Dimensions: ϕ 13x5000 mm

Operation Temperature: From -20°C to +45°C

Life Time: 50,000 h

Guarantee: 3 Years

Cut Line: Every 10 Cm

IP65

IK03

120°

650°

AL

CRI
85

Color Temperature

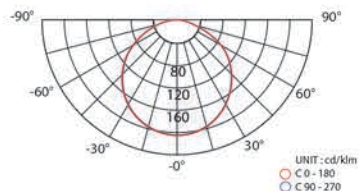
Natural White

4000K

Warm White

3000K

Technical Map



StripLight

IP 65 (Silicon Cover) - 17 Watt



Product Specifications

Voltage: 24v DC

LED Type: SMD (2835)

Number of LED: 140 per Meter

Power: 17 Watt

Luminous Efficiency: 135 lm/w

Flux: 2300 lm

Beam Angle: 120°

CRI: >85

Color Temperature: 3000K - 4000K

Ingress Protection: IP65

Dimensions: ϕ 13x5000 mm

Operation Temperature: From -20°C to +45°C

Life Time: 50,000 h

Guarantee: 3 Years

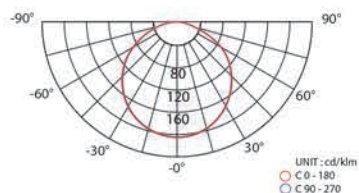
Cut Line: Every 5 Cm



Color Temperature



Technical Map





A modern conference room featuring a long wooden table surrounded by red chairs. The ceiling is a grid with recessed panel lights. A large screen is mounted on the wall. The room has large windows and a clean, professional appearance.

PANEL LIGHT

Panel Light

60×60 - 3800Lm



Product Specifications

LED Type: SMD
 Number of LED: 80
 Power: 26 Watt
 Power Factor: >0.9
 Luminous Efficiency: 146 lm/w
 Flux: 3800 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP44
 Body: Aluminium
 Dimensions: ϕ 595x595 mm
 Weight: 1526 g
 Operation Temperature: From -20°C to +45°C
 Driver: Pacific4u 600 mA
 Life Time: 30,000 h
 Guarantee: 2 Years



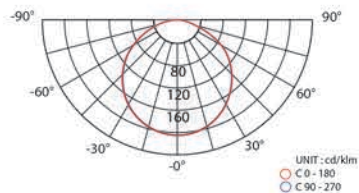
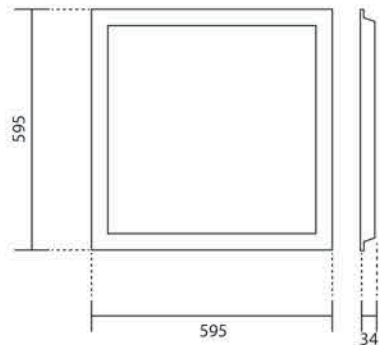
Production Color



Color Temperature



Technical Map



Panel Light

60x60 - 5000 Lm



Product Specifications

LED Type: SMD
 Number of LED: 80
 Power: 35 Watt
 Power Factor: >0.9
 Luminous Efficiency: 143 lm/w
 Flux: 5000 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP44
 Body: Aluminium
 Dimensions: ϕ 595x595 mm
 Weight: 1526 g
 Operation Temperature: From -20°C to +45°C
 Driver: Pacific4u 800 mA
 Life Time: 30,000 h
 Guarantee: 2 Years

IP44

IK03



650°

AL

CRI
85

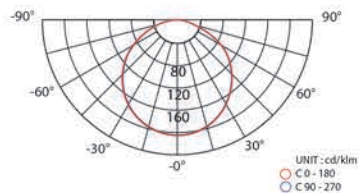
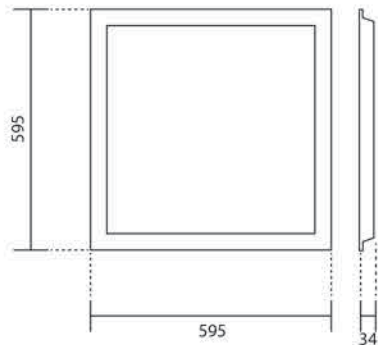
Production Color



Color Temperature



Technical Map



Panel Light

60×60 - 6200Lm



Product Specifications

LED Type: SMD
 Number of LED: 80
 Power: 44 Watt
 Power Factor: >0.9
 Luminous Efficiency: 141lm/w
 Flux: 6200 lm
 Beam Angle: 120°
 CRI: >85
 Color Temperature: 4000K
 Ingress Protection: IP44
 Body: Aluminium
 Dimensions: ϕ 595x595 mm
 Weight: 1526 g
 Operation Temperature: From -20°C to +45°C
 Driver: Pacific4u 1000 mA
 Life Time: 30,000 h
 Guarantee: 2 Years

IP44

IK03

120°

650°

AL

CRI
85

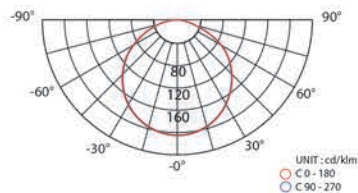
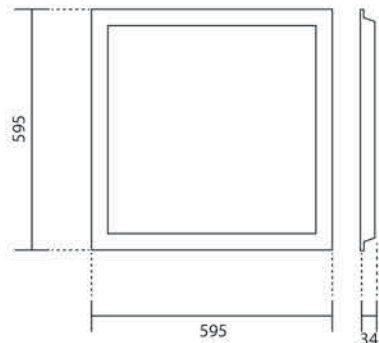
Production Color



Color Temperature



Technical Map







پانوشت

ال ای دی Light Emitted Diode

دیود (Diode) قطعه‌ای 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.

SMD

Surface Mounted Diode نسل جدیدتری از خانواده ال ای دی‌ها هستند که مانند سایر قطعات الکترونیکی SMD فاقد پایه‌های بلند هستند و بر روی سطح برد نصب و لحیم می‌شوند.

COB

Chip-On-Board ال ای دی‌های COB دارای مزایای متعددی نسبت به تکنولوژی‌های ال ای دی‌های قدیمی مانند ال ای دی‌های SMD یا ال ای دی‌های DIP هستند.

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» می‌باشد 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 می‌باشد.

شاخص بازده رنگ (Color Rendering Index)

شاخص بازده یا نمود رنگ عددی است که نشان می‌دهد به چه میزان رنگ اشیا زیر نور یک لامپ، به رنگ استاندارد آن‌ها نزدیک‌تر است. در مورد چراغ‌ها عددی بین ۲۰ تا ۱۰۰ است و هر چه این عدد بالاتر باشد نمود رنگ واقعی‌تر است.

درجه حفاظت (IP)

بر اساس استانداردهای بین‌المللی، 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 می‌شود و به نوعی بیان‌کننده رنگ نور خروجی می‌باشد. هر چه این عدد بالاتر باشد رنگ نور بیشتر به محدوده رنگ‌های سرد و سفید نزدیک‌تر است و هر چه این عدد کوچکتر باشد رنگ نور به محدوده رنگ‌های گرم (نظیر رنگ نور ناشی از لامپ‌های التهابی) نزدیک‌تر است. به عنوان مثال وقتی گفته می‌شود دمای رنگ یک لامپ فلورسنت ۴۰۰۰ کلوین است به این معنی است که اگر جسم سیاه را تا ۴۰۰۰ 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 تراشکاری، پرس، سوزن کاری، نقشه کشی، صنعتی	۶۵۰۰-۵۴۰۰	Cool White	نور سفید سرد
مدارس، بیمارستانها، ادارات، آشپزخانه‌ها و محیط‌های عمومی	۴۰۰۰	Natural White- Day Light	نور طبیعی
محیط‌های گرم و صمیمی و آرام بخش، محیط استراحت اتاق خواب، اتاق پذیرایی، محیط زندگی	۳۰۰۰-۲۷۰۰	Warm White	نور سفید گرم

زاویه تابش (Beam Angle)

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 ۵۰٪ شدت نور در محور پرتو است. این دو خط فرضی که در حقیقت اضلاع زاویه تابش محسوب می‌شوند، یک نقطه مشترک با یکدیگر دارند که رأس 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 بهره‌وری لامپ است، هر چه 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 لامپ‌های 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 یعنی LMMF آن به ۸۰٪ برسد، که اصطلاحاً L۸۰ گفته می‌شود. استاندارد طول عمر لامپ ال ای دی برابر ۵۰،۰۰۰ ساعت هست، یعنی لامپ نباید قبل از ۵۰،۰۰۰ ساعت به L۸۰ برسد.



صنایع روشنایی بلان



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