



Lumi Parts

Over the years, Lumi Parts has developed into an international LED lighting specialist. We provide a wide and varied range of professional lighting applications. As a manufacturer of lighting, we aim to serve our customers with high quality products that are both innovative and sustainable, designed to meet the needs of the customer. With our knowledge of the market we design high-end products based on the most advanced lighting technology. In addition to our products, we ensure the fast delivery of your orders.

Our product range includes solutions suitable for the majority of lighting purposes within the hospitality, retail and utility businesses. We focus our product range on LED lighting, since LED is ideal for almost all lighting purposes. LEDs are energy efficient, have a high light quality, a long lifespan and require minimal maintenance. This results in high quality products with a low cost of ownership.

Innovation is leading in the lighting industry, this principle also applies to the LED modules that we use. The latest technologies make it possible for our luminaires to now be much more efficient than before, consequently the same fixture design will give more lumen per Watt. Additionally, the newest generation LED is available in an extensive array of color temperatures, CRI's and retail specific options. These specifications combined gives an ultimate flexibility for optimized luminaire performance.

One of our main priorities is product innovation, which we achieve through a close partnership with our customers. Lumi Parts provides tailor made solutions to all customers to meet their specific needs and requirements. Our approach to product design is based on cutting-edge lighting technologies, combined with our in-depth knowledge of the use of light.

In this catalogue you will find our latest range of products. If you need a more traditional lighting solution or a custom made configuration, please know our lighting specialists are able to help you with all your lighting needs. We deliver our products directly from our warehouse in the Netherlands and combined with our in-house assembly department, we are able to quickly meet all your lighting needs.

Legend

IP

IP Code (Ingress Protection Rating): classifies and rates the degree of protection provided against the intrusion of solid objects, dust, accidental contact, and water in mechanical casings and with electrical enclosures.

IP 0X

No protection against contact and ingress of objects.

IP 1X

Solid particle protection against object size bigger than 50mm.

IP 2X

Solid particle protection against object size bigger than 12.5mm.

IP 3X

Solid particle protection against object size bigger than 2.5mm.

IP 4X

Solid particle protection against object size bigger than 1mm.

IP 5X

Dust protected: Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment; complete protection against contact.

IP 6X

Dust tight: No ingress of dust; complete protection against contact.

IP X0

No protection against contact and ingress of liquid.

IP X1

Liquid ingress protection against dripping water.

IP X2

Liquid ingress protection against dripping water when tilted up to 15°.

IP X3

Liquid ingress protection against spraying water.

IP X4

Liquid ingress protection against splashing of water.

IP X5

Liquid ingress protection against water jets.

IP X6

Liquid ingress protection against powerful water jets.

IP X7

Liquid ingress protection against immersion up to 1m.

IP X8

Liquid ingress protection against immersion beyond 1m.

CE

The CE marking indicates a product's compliance with EU legislation and so enables the free movement of products within the European market.

RoHS

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment.



Independent for installation at sight without any additional protective cover.



Indoor application.



Outdoor application.



Indoor and outdoor application.



Do not expose to direct sunlight.



Protection Class I: These appliances must have their chassis connected to electrical earth by an earth conductor.



Protection Class II: Double insulated electrical appliance does not require a safety connection to electrical earth.



Protection Class III: The appliance are supplied from a separated/safety extra-low voltage (SELV) power source.



Maximum tilting angle.



Maximum turning angle.



Bendable in a Radius of max 100mm, only in direction of the reel.



Bendable in a Radius of max 0mm, only in perpendicular direction to the reel.



Minimum distance: lamp - object.



Suitable for installations on regularly flammable surfaces.



Cutout size in round shape.



Cutout size in square/rectangle shape.



TOOLS & GA

Example

LED Spot Light

Round

Product name

Product group

Product type

Cutout
Size



Required
Ceiling hole

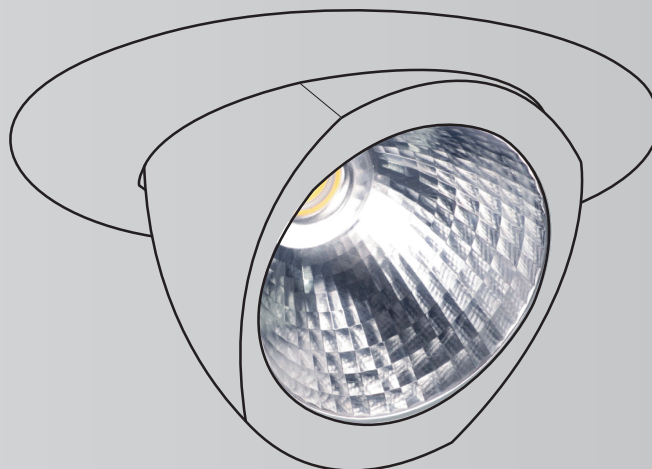
HIGH CRI
>90Ra

FASHION
modules

FOOD
modules

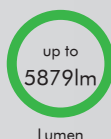
AVAILABLE ON REQUEST

Product is
also available with
Retail LED modules



Main technical specifications

Quality labels
and specifications
(see 'Legend' at page 4)



Product Information

System Power

The rate at which energy is consumed by a LED & Driver combination, measured¹ in Watt (W).

CRI

Color Rendering Index is the amount of colors that a light source reveals, rating from 0-100 Ra. The higher the Ra value, the more realistic the color appearance of an illuminated object.

CCT

Correlated Color Temperature is the color of the light, in degrees Kelvin (K). Low color temperature results in warm light, high color temperature results in cool light. Examples: 2700K warm white / 3000K natural white / 4000K cool white.

LED Lumen

The amount of light produced by the light source at operating temperature, measured in Lumen (lm).

LED Efficacy

Light source productivity is shown by the output of the light source in Lumen (lm), divided by input of the light source in Watt (W).

LOR

Light Output Ratio is the efficiency of a light source, which means the output as a percentage of the input.

Driver

A driver converts the current and voltage into the required direct current and voltage rating for the LED.

Standard Reflector

Changes the beam angle of the light source to a new beam angle.

Optional Reflectors

For some products we have more options for reflectors which can be ordered separately.



System includes: fixture and driver

Included parts
for this product

On Request
Accessories to the product

¹ Measurements always have a uncertainty which can be 10%.

On Request

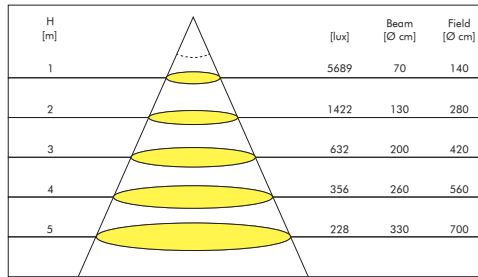
Article No.	Description	Article No.	Description
5.14.0134	Reflector 18° for LED spot Pivo Maxi	-	Dimmable driver available on request
5.14.0135	Reflector 24° for LED Spot Pivo Maxi		
5.14.0137	Reflector 60° for LED Spot Pivo Maxi		

Illuminance Cone Diagram

Height of the fixture related to the surface, in meters

Amount of light shining on the surface

Diameter of the surface illuminated by the light beam



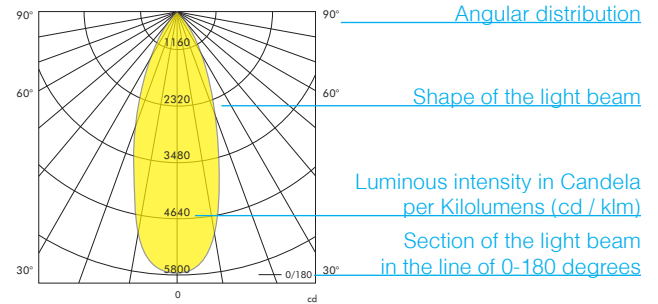
Beam (50%) Angle: 36°

Field (10%) Angle: 70°

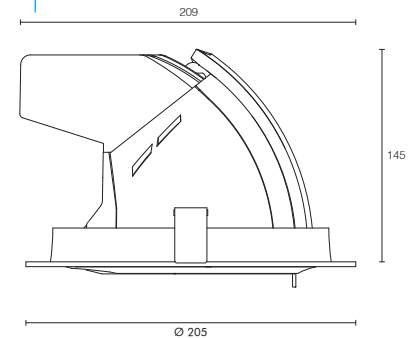
Field Angle: Angle of the light beam where the minimum intensity is at least 10% of the maximum intensity

Beam Angle: Angle of the light beam where the minimum intensity is at least 50% of the maximum intensity

Luminous Intensity Distribution Curve



Technical drawing, measurements in mm



Product list for easy and fast ordering

Article No.	Product Name	Color	LED Lumen	CCT	CRI	Cooling	LED Power	Reflector	Cutout Size
2.11.1714	LED spot Pivo Maxi	Grey	3432lm	3000K	>80Ra	Passive	24W	36°	Ø 190mm
2.11.1715	LED spot Pivo Maxi	White	3432lm	3000K	>80Ra	Passive	24W	36°	Ø 190mm
2.11.1716	LED spot Pivo Maxi	Black	3432lm	3000K	>80Ra	Passive	24W	36°	Ø 190mm
2.11.1717	LED spot Pivo Maxi	Grey	3571lm	4000K	>80Ra	Passive	24W	36°	Ø 190mm
2.11.1718	LED spot Pivo Maxi	White	3571lm	4000K	>80Ra	Passive	24W	36°	Ø 190mm
2.11.1719	LED spot Pivo Maxi	Black	3571lm	4000K	>80Ra	Passive	24W	36°	Ø 190mm
2.11.1720	LED spot Pivo Maxi	Grey	5574lm	3000K	>80Ra	Passive	40W	36°	Ø 190mm
2.11.1721	LED spot Pivo Maxi	White	5574lm	3000K	>80Ra	Passive	40W	36°	Ø 190mm
2.11.1722	LED spot Pivo Maxi	Black	5574lm	3000K	>80Ra	Passive	40W	36°	Ø 190mm
2.11.1723	LED spot Pivo Maxi	Grey	5879lm	4000K	>80Ra	Passive	40W	36°	Ø 190mm
2.11.1724	LED spot Pivo Maxi	White	5879lm	4000K	>80Ra	Passive	40W	36°	Ø 190mm
2.11.1725	LED spot Pivo Maxi	Black	5879lm	4000K	>80Ra	Passive	40W	36°	Ø 190mm

Product List