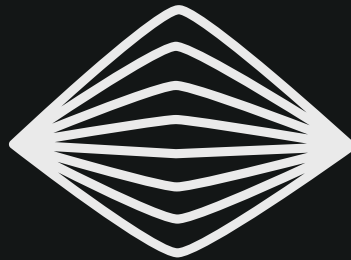


LED lighting



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ABOUT US

Our company was established in 1997 with the title of BATU ENDÜSTRİ TEKSTİL İNŞAT SAN.TİC.LTD.ŞTİ. Our company provided services to companies operating in the Textile and Industrial sectors as machinery equipment and auxiliary products during its establishment. In 2002, it added the automotive sector to these activities and exported automotive OEM and sub-industry products as spare parts. Our company, which constantly follows innovations, carefully followed the developments and innovations of the product with R&D studies in the LED sector in 2010.

Until 2015, it continued its activities under the name of Batu Endüstri in LED. In 2015, the company was established with the title of MULTI LED AUTOMATION ELECTRIC ELECTRONIC INDUSTRY TRADE LTD.CO. and its activities in the LED sector were completely gathered under the roof of this company. In order to strengthen its work stability and reliability, it was entitled to receive the ISO 9001 certificate in 2016. It has become a well-known and sought-after company by focusing its activities on products with a project scope in the industrial field of the LED sector. Its works in high ceiling fixtures and park and garden lighting made for municipalities have been greatly appreciated. The IP67 featured recessed and pool type fixtures that were included in these activities in 2018 have added a different vision to our company.

Our company, which is a solution partner for our customers' thoughts and projects, enjoys continuing its work by adding new service activities. The goal of MULTI LED, the bright light of our consumers, is always to be innovative.



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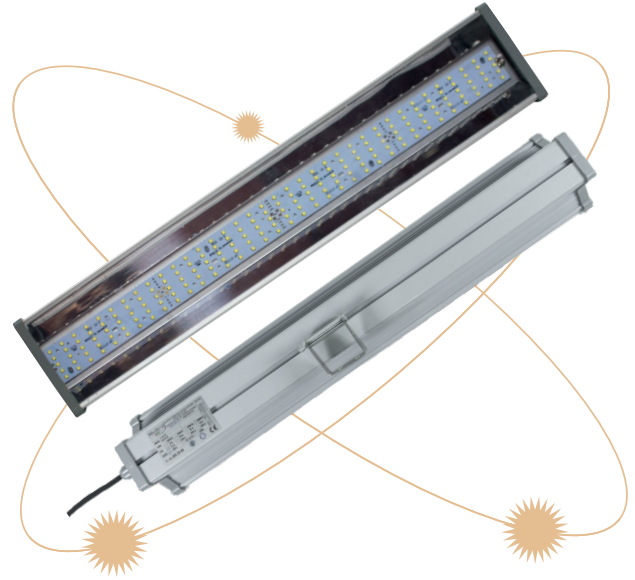
Kazım Karabekir Mah.
Ahmet Gazi Ayhan Bulvarı No.: 5/C
Melikgazi / Kayseri / Turkey



LED lighting

HIGH CEILING SINGLE WING 120cm 80w LUMINAIRE

Product Code	Product Technical Description
MLTK-1200	30 w - 250 w Single Wing High Ceiling Luminaire
Specification	Details
Watt	80 w
Operating Voltage	220 v (Optional 24 v)
IP Protection Class	IP65
Operating Temperature	-20 to +60 Degrees Celsius
LED Type	Osram, Samsung, or Cree LED
Lumen	12800 L
Light Source	Midi Power LED
Color	Optional 3000K – 4000K – 5000K – 6500K
Efficiency	160 L/w
CRI	> 90
Driver	900-1050 mA Constant Current Driver (European made)
Housing Dimensions	80 x 110 x 1200 mm (Optional)
Body	Aluminum extrusion body with cooling system
Diffuser	2 mm polycarbonate glass (Optional Tempered glass)
Operating Environment	Resistant to vibrations and impacts
Reflection	120-degree wide angle and reflector
Application Areas	Factory-type high ceilings, pendant lighting, multi-purpose
Ideal Installation Height	7-8 m (Lenses recommended for higher distances)
Connection Method	Hanging apparatus available
Power Input	PG 7 cable entry connector
Packaging	Inside carton
Emergency Kit	Applicable
DALI	Applicable
Warranty	3 years
Operating Life	50,000 hours
Certifications	CE, ISO 9001, OHSAS 18001 2007, IP65



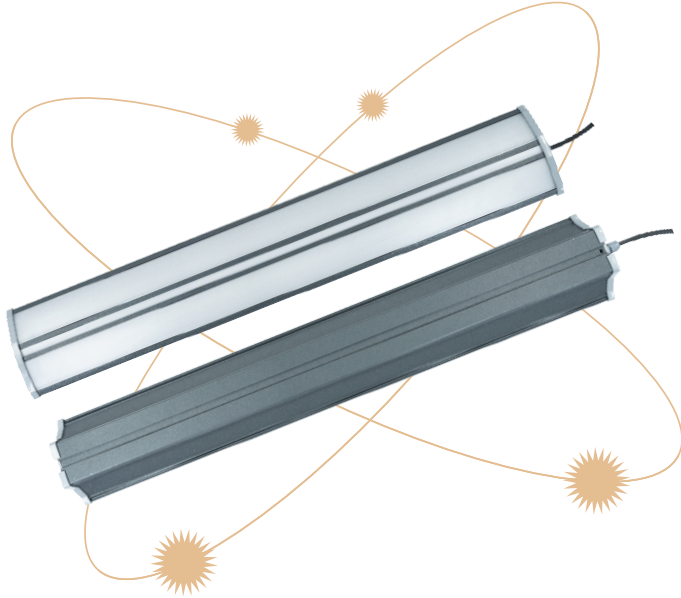
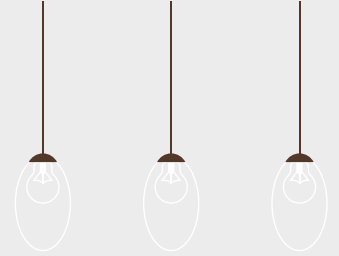
HIGH CEILING DOUBLE WING 120cm 160w LUMINAIRE

Product Code	Product Technical Description
MLYÇK-1200	Optional 30-250 w Double Wing High Ceiling Luminaire
Specification	Details
Watt	160 w
Operating Voltage	220 v (Optional 24 v)
IP Protection Class	IP65
Operating Temperature Range	-20 to +60 Degrees Celsius
LED Type	Osram, Samsung, or Cree LED
Luminous Flux	25600 L
Light Source	Midi Power LED
Color	Optional 3000K – 4000K – 5000K – 6500K
Efficiency	160 L/w
CRI	> 90
Driver	900-1050 mA Constant Current Driver (European-made)
Housing Dimensions	65x230x1200 mm (Optional)
Body	Aluminum extrusion body with cooling system
Diffuser	2 mm polycarbonate glass
Operating Environment	Resistant to shocks and vibrations
Reflection	120-degree wide angle
Application Areas	High ceiling factory, pendant lighting, multi-purpose
Ideal Installation Height	7-8 m (Lenses recommended for higher distances)
Connection Method	Hanging apparatus available
Power Input	PG 7 cable entry connector
Packaging	Inside carton
Emergency Kit	Applicable
DALI	Applicable
Warranty	3 years
Operating Life	50,000 hours
Certifications	CE, ISO 9001, OHSAS 18001:2007, IP65





LED lighting



DOUBLE COLOR LINEAR ARMATURE

	TECHNICAL INFORMATION
	Optional 30-120 w Double Wing Linear Armature
Product Code	MLLN-1200
Watt	80 w
Working Voltage	220 v (Optional 24 v)
IP Protection Class	IP65
Working Environment Range	-20 + 60 Degree
Led Feature	Special array constant current led
Lux	11200 L
Light Source	Midi Power led
Color	Optional 3000K – 4000K – 5000K – 6500 K
Efficiency	140 L/w
CRI	> 90
Driver	40-350 mA Constant current Driver (European origin)
Case Dimensions	65x140x1200 mm (Optional)
Body	Aluminum Exciter body cooler
Diffuser	Polycarbonate glass opal or crystal glass
Working Environment	Impact resistant
Reflection	220 degree wide angle
Usage Areas	Shopping Mall, Office, School, Hospital, Restaurant, Cafe, Gym etc.
Application Height	5 m Ideal
Connection Type	Suspension apparatus available
Power Input	PG 7 cable entry connector
Packaging	Inside the box
Emergency Kit	Applicable
Dali	Applicable.
Warranty	3 years
Working Life	50,000 hours
Document We Have	CE –ISO 9001 – OHSAS 18001 2007 – IP65

LINEAR FLAT ARMATURES

	LINEAR FLAT LUMINAIRES
Product Code	MLLN-1200 D
	TECHNICAL INFORMATION
Specification	Details
Watt	40 W
Operating Voltage	220 V (Optional 24 V)
IP Protection Class	IP65
Operating Temperature Range	-20°C ~ +60°C
LED Type	Special series constant current or 24 V LED
Luminous Flux	5200 L
Light Source	Midi Power LED
Color	Optional 3000K – 4000K – 5000K – 6500 K
Efficiency	140 L/w
CRI	> 90
Driver	AC or DC current
Housing Dimensions	50x80x1200 mm (Optional)
Body	Aluminum body with cooling system
Diffuser	Polycarbonate glass opal or crystal glass
Operating Environment	Shock resistant
Reflection	180-degree wide angle
Application Areas	Shopping Malls, Offices, Schools, Hospitals, Restaurants, Cafes, Gyms, etc.
Ideal Installation Height	5 m
Connection Type	Hanging apparatus available
Power Input	PG 07 Connector
Packaging	Inside box
Emergency Kit	Applicable
DALI	Applicable
Warranty	3 years
Operating Life	50,000 hours
Certifications	CE, ISO 9001, OHSAS 18001:2007, IP65

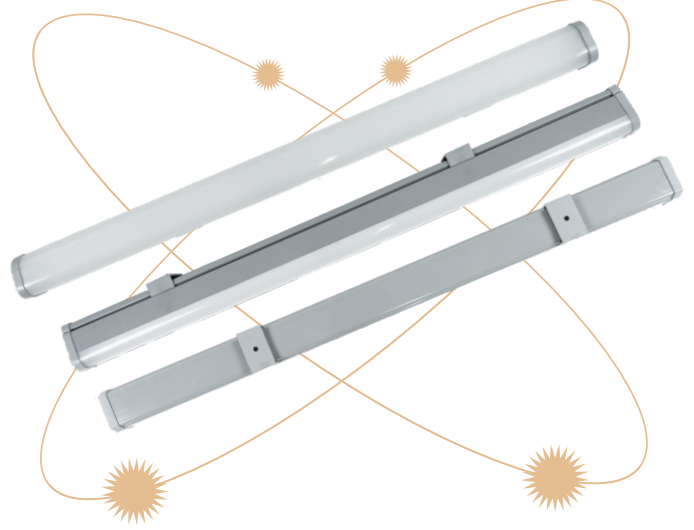




LED lighting

POLYCARBON BODY LINEAR FLAT ARMAMENTURES

	LINEAR FLAT LUMINAIRES WITH POLYCARBONATE BODY
Product Code	MLLNPC-1200 D
	TECHNICAL INFORMATION
Specification	Details
Watt	40 W
Operating Voltage	220 V (Optional 24 V)
IP Protection Class	IP65
Operating Temperature Range	-20°C ~ +60°C
LED Type	Special series constant current or 24 V LED
Luminous Flux	5200 L
Light Source	Midi Power LED
Color	Optional 3000K – 4000K – 5000K – 6500 K
Efficiency	140 L/w
CRI	> 90
Driver	AC or DC current
Housing Dimensions	50x60x1200 mm (Optional)
Body	Polycarbonate body, internal aluminum rail
Diffuser	Polycarbonate glass opal
Operating Environment	Shock resistant
Reflection	260-degree wide angle
Application Areas	Multi-purpose
Ideal Installation Height	5 m
Connection Type	Hanging apparatus available
Power Input	PG 07 Connector
Packaging	Inside box
Emergency Kit	Applicable
DALI	Applicable
Warranty	3 years
Operating Life	50,000 hours
Certifications	CE, ISO 9001, OHSAS 18001:2007, IP65



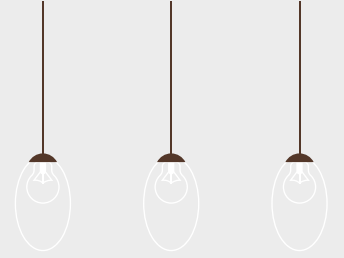
WALL WASHER FLAT and RECESSED TYPE

	SURFACE MOUNTED AND RECESSED TYPE WALL WASHER
Product Code	Product Description
Dimensions	3x1 - 6x1 - 9x1 - 12x1 - 15x1 - 18x1 - 36x1 - 42x1 - 54x1 w
	TECHNICAL INFORMATION
Specification	Details
Watt	Based on project
Operating Voltage	220 V
IP Protection Class	IP66
Operating Temperature Range	-30°C ~ +70°C
LED Type	Osram - Samsung LED
Lens	15-30 degree group lens (Optional)
Lumen	150 lm/W
Color	All colors + RGB (Optional)
CRI	> 90
Driver	As required by project (Optional)
Housing Dimensions	Based on project
Body	Aluminum, impact-resistant tempered glass
Operating Environment	Resistant to shock and impact
Application Areas	Wall washing, object illumination
Warranty	2 years
Certifications	ISO 9001 – OHSAS 18001 - CE
Note	Custom-made double-row design available upon request.
Recessed Type	For Recessed Type Wall Washers, the top closure is 4 mm CR-NI steel.
Round Recessed Models	Same specifications apply to round recessed models





LED lighting



6X1 GARDEN LAMP

Product Code	6X1 W - 9X1 W - 12X1 W UNDER-TREE LIGHTING
MLBHÇ	Product Description Garden Lamp
TECHNICAL INFORMATION	
Specification	Details
Watt	6X1 - 9x1 - 12x1 W (Optional)
Operating Voltage	220 V (Optional 12-24 V)
IP Protection Class	IP66
Operating Temperature Range	-30°C ~ +70°C
LED Feature	Osram - Samsung LED
Lens	60 degrees
Color	All colors + RGB
CRI	> 90
Driver	IP67 Driver with suitable specifications
Housing Size	Custom size
Body	Injection-molded aluminum body, tempered glass
Paint	Static oven-painted
Operating Environment	Resistant to shock and impact
Application Areas	Parks, gardens, under-tree lighting, etc.
Warranty	2 years
Certifications	ISO 9001, OHSAS 18001, CE

12X1 GARDEN LAMP

Product Code	6X1 W - 9X1 W - 12X1 W UNDER-TREE LIGHTING
MLBHÇ	Product Description Garden Lamp
TECHNICAL INFORMATION	
Specification	Details
Watt	6X1 - 9x1 - 12x1 W (Optional)
Operating Voltage	220 V (Optional 12-24 V)
IP Protection Class	IP66
Operating Temperature Range	-30°C ~ +70°C
LED Feature	Osram - Samsung LED
Lens	60 degrees
Color	All colors + RGB
CRI	> 90
Driver	IP67 Driver with suitable specifications
Housing Size	Custom size
Body	Injection-molded aluminum body, tempered glass
Paint	Static oven-painted
Operating Environment	Resistant to shock and impact
Application Areas	Parks, gardens, under-tree lighting, etc.
Warranty	2 years
Certifications	ISO 9001, OHSAS 18001, CE

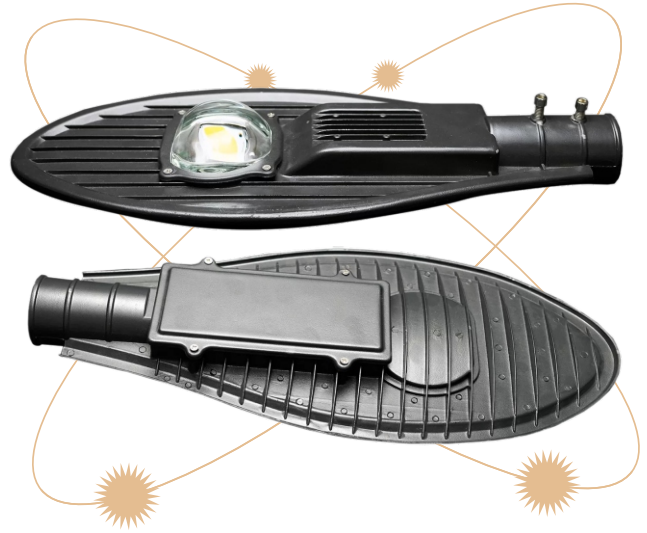




LED lighting

30W – 200W STREET LUMINAIRE

LEAF-TYPE STREET LAMP	
Product Code	Product Description
Multix 40-60-100 SKL	Leaf-Type Street Lamp
TECHNICAL INFORMATION	
Specification	Details
Watt	52 W (Optional)
Operating Voltage	220 V
IP Protection Class	IP66
Operating Temperature Range	-30°C ~ +70°C
LED Feature	COB LED Osram – Samsung LED
Lens	Lens with wide-angle glass lens
Lux	8600 L
Color	3000K-4000K-5000K-6500K
CRI	> 90
Driver	IP67 Driver with suitable specifications
Housing Size	250 x 520 mm (Aluminum heatsink)
Body	Injection-molded aluminum body
Operating Environment	Resistant to shock and impact
Application Areas	Area lighting, streets, parks, gardens, etc.
Warranty	3 years
Certifications	ISO 9001, OHSAS 18001, CE

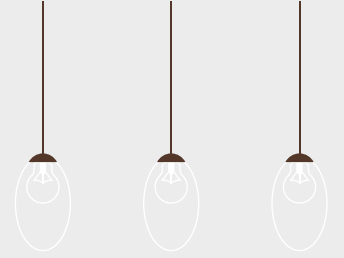


PROJECTOR 40-120w

FLOODLIGHT / PROJECTOR	
Product Description	
ML-PRJ	40 - 400 W Projector
TECHNICAL INFORMATION	
Specification	Details
Watt	40 - 400 W (Optional)
Operating Voltage	220 V
IP Protection Class	IP66
Operating Temperature Range	-20°C ~ +80°C
LED Feature	Osram - Samsung LED
Lens	Special Lens 15-30-45-60 Degrees (Optional)
Color	3000 - 4000 - 5000 - 6500K (Optional)
CRI	> 90
Driver	(Optional)
Housing Size	Varies, with Aluminum Heatsink and Tempered Glass
Operating Environment	Resistant to shock and impact
Application Areas	Area lighting, high ceilings, pendant lighting, sports fields, tunnels, etc.
Warranty	3 years
Certifications	ISO 9001, OHSAS 18001, CE
Operating Lifetime	50,000 hours



LED lighting



SUSPENDED TYPE LINEAR LUMINAIRE

EXPLANATION

Daylight and White light options are available.

We can respond to product requests with a color option concept between 20W and 50W.

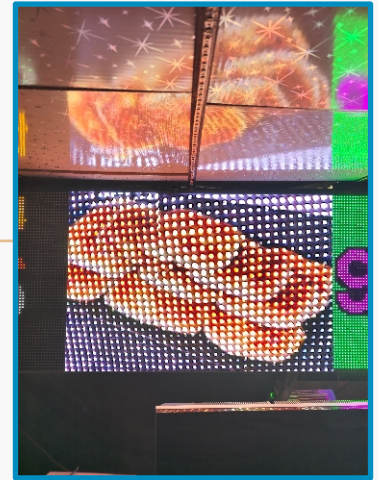
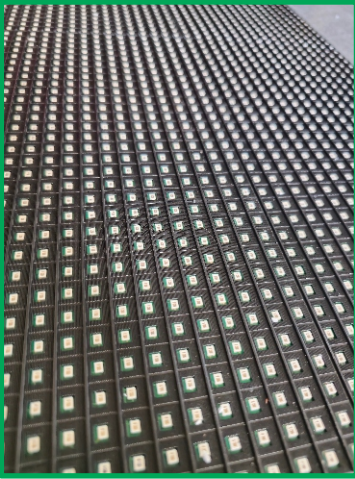
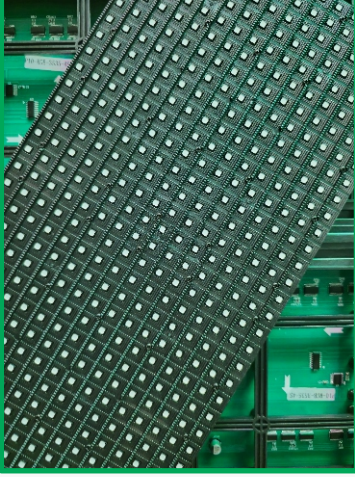


RECESSED TYPE LIGHTING FIXTURES

RECESSED TYPE FIXTURES	
Product Code	Product Description
MLGM	Recessed Type Fixture
TECHNICAL INFORMATION	
Specification	Details
Watt	6X1 - 9x1 - 12x1 -18x1 W (Optional)
Operating Voltage	220 V (Optional 12-24 V)
IP Protection Class	IP67
Operating Temperature Range	-30°C ~ +70°C
LED Feature	Osram – Samsung LED
Lens	60 Degrees
Color	All colors + RGB
CRI	> 90
Driver	IP67 Driver with suitable specifications
Housing Size	Custom size
Body	Chrome flange, aluminum body, tempered glass
Paint	Static oven-painted
Operating Environment	Recessed installation
Application Areas	Parks, gardens, walkways
Warranty	2 years
Certifications	ISO 9001, OHSAS 18001, CE



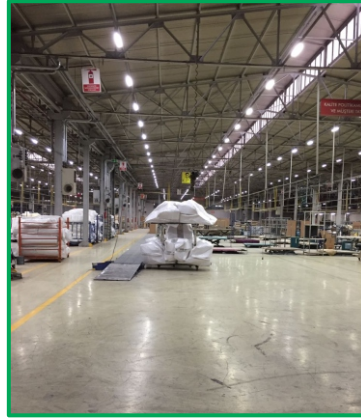
DIGITAL LED PANEL GROUPS



WORKS WITH 5V DC TRANSFORMER WITH 220V INPUT - PROGRAMMED WITH WI-FI CONNECTION - MEASURED IN MULTIPLES OF 16X32 cm

INDOOR LUMINAIRES

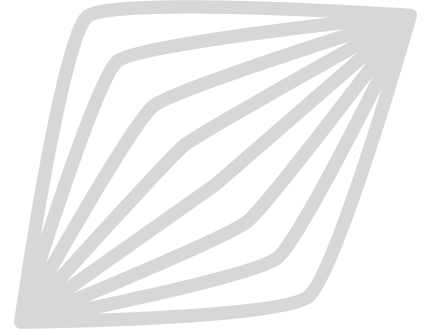




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