

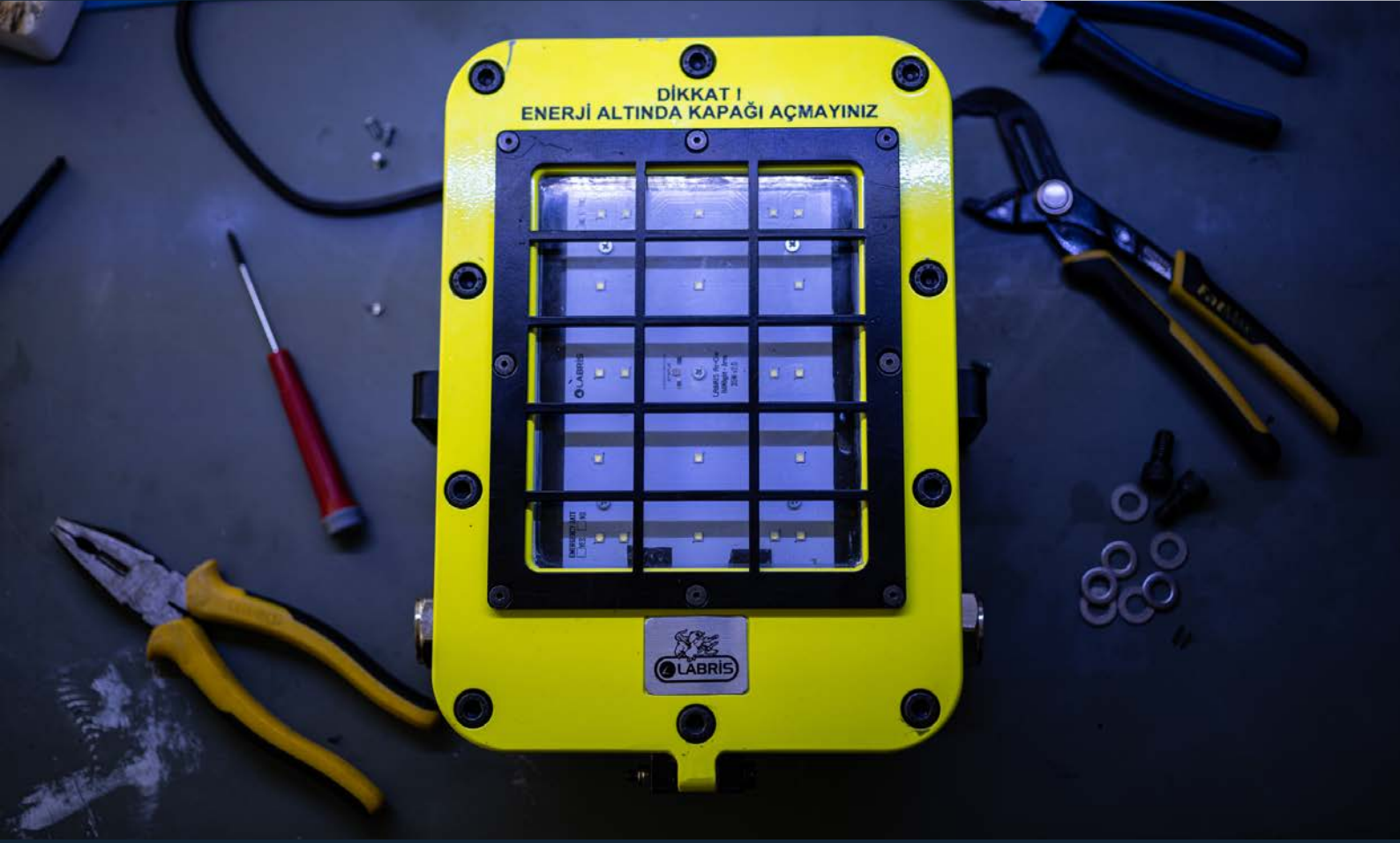
ATA ARM SERIES



ATA

Enlighten the future

developed by LABRIS



LIGHTING OPPORTUNITY FOR 6 HOURS MORE IN
CASE OF POWER OUTAGE

Made in Turkey

Designed entirely by Turkish
Engineers
Labris A.Ş. production

Service

- 2 Year Warranty
- 7/24 Technical Service
- Spare Parts

Sectors

- Underground coal mines
- Petrochemistry industry
- Shipyards
- Ammunition factories
- Factories at risk of burning and dust explosion

www.ata-lighting.com

www.ata-lighting.com

ATA ARM

TECHNICAL DETAIL



ATA

Enlighten the future

developed by LABRIS

**Aesthetic Design,
Outstanding
Performance,
Turkish Software
Quality &
Ex-Equipment**



Model	Power	Lumen	Lm/W	Colour Temperature
ATA ARM 35W	35W	3162	95	6500K
ATA ARM 25W	25W	2182	87	6500K
ATA ARM 20W	20W	1805	87	6500K

Ex-Proof

**Bullet-Proof
Glass**

**Design
Registered**

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA ARM

TECHNICAL DETAIL



ATA

Enlighten the future

developed by LABRIS

Product Information

Certificates and standards

- I M2 Ex db I Mb
- II 2G Ex db IIB T4 Gb
- II 2D Ex tb IIC T120°C Db
- IEP 22 ATEX 1066X
- EN IEC 60079-0
- EN 60079-1
- EN 60079-31
- CE



Standard Product Specifications

- Operating Voltage: 220 Volt $\pm$ %10
- Operating Frequency: 50-60 Hz
- Led Number: 10-18
- Light Beam Angle: 120°
- Glass: Solid polycarbonate
- Body: St37 Structural Steel
- Operating Temperature: -20°C/+65°C
- IP65 Protection Class
- Fluorinated Seals
- Battery Capacity: 5000-7000 mAh
- LED Driver Voltage: Meanwell 24V - 48V
- Emergency LED Driving Voltage: 3.6V - 3.7V
- Meanwell Main Power Transformer
- Molicel Emergency Batteries
- Cable Jumping Opportunity with Ex Certified 2 Pcs Cable Luminaire
- With the internal switch, it is possible to turn off the luminaire itself or all luminaires on and after the bypassed cable.
- Optional) Lighting capacity up to 6 hours in Emergency Mode in Power Failure
- Emergency lighting mode that may be disabled
- (Optional) Increased impact resistance thanks to glass Housing grille
- Fast heat dissipation feature with aluminium Led tray
- Possibility of maintenance while in Emergency Mode (Externally visible RED / GREEN status LEDs indicating that the lamp is not under power and is powered by the battery)
- Emergency lighting LEDs different from main lighting LEDs

ATA ARM

TECHNICAL DETAIL



ATA

Enlighten the future

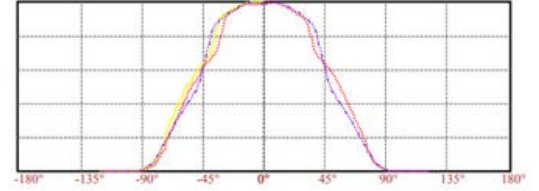
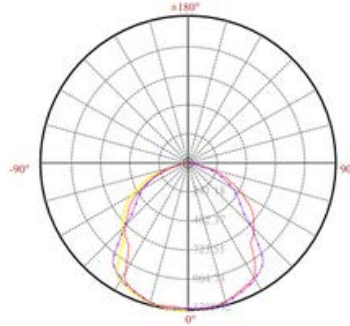
developed by LABRIS



Photometric Curve

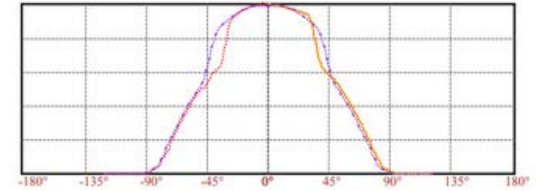
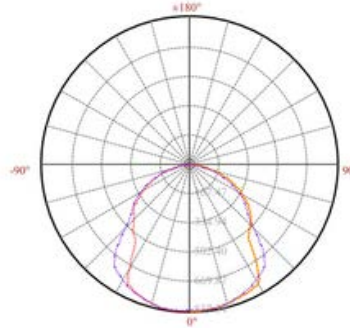
ATA ARM 35W

- Power(W):35
- Lumen(lm): 3162
- Productivity(%):%100
- Lumen(lm)/Power(W): 95
- Maximum density(cd):1205



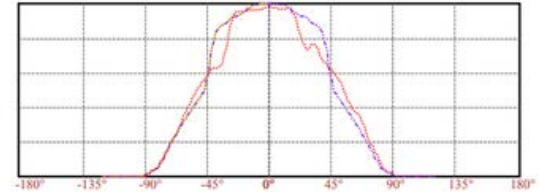
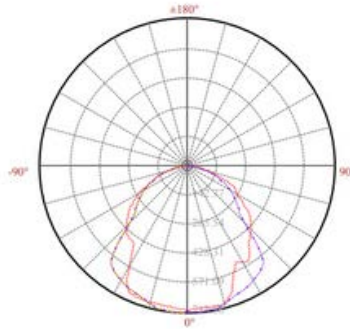
ATA ARM 25W

- Power(W):25
- Lumen(lm): 2182
- Productivity(%):%100
- Lumen(lm)/Power(W): 87
- Maximum density(cd):837



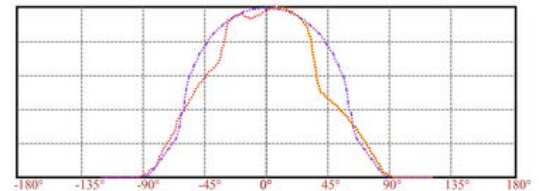
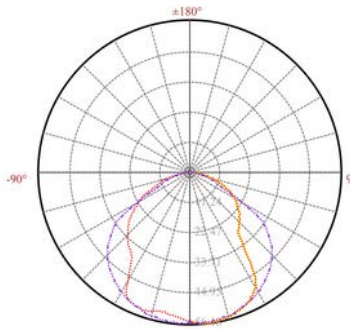
ATA ARM 20W

- Power(W):20
- Lumen(lm): 1805
- Productivity(%):%100
- Lumen(lm)/Power(W): 87
- Maximum density(cd):713



Emergency Mode

- Lumen(lm): 148
- Productivity(%):%100
- Lumen(lm)/Power(W): 4628
- Maximum density(cd):56



*Veriler DIALux dijital dosyasından alınmıştır.

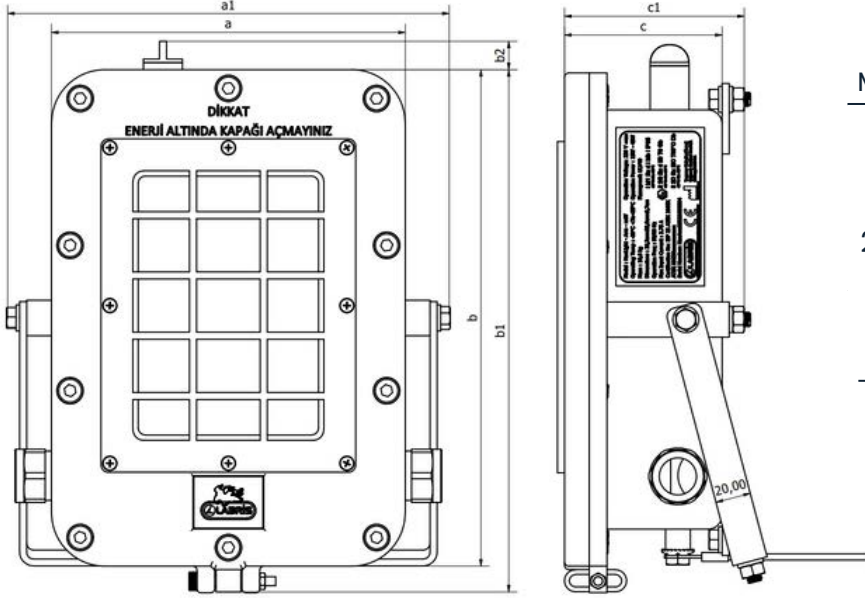
ATA ARM TECHNICAL DETAIL



ATA

Enlighten the future

developed by LABRIS



Measure of Length (mm)

a	a1	b	b1	b2	c	c1
200	250	280	295	16	89	102

Weight (kg)

10.6

Reading Label Information

CE 00XX Ex II 2G Ex db IIB T4 Gb

CE marking

Certifying Body

ATEX Symbol

Equipment Group

Equipment Category

Equipment Protection Level

Temperature Class

Explosion Group

Protection Type

Ex-Equipment Marking



I M2 Ex db I Mb
II 2G Ex db IIB T4 Gb
II 2D Ex tb IIC T120°C Db



ATEX Label QR Code

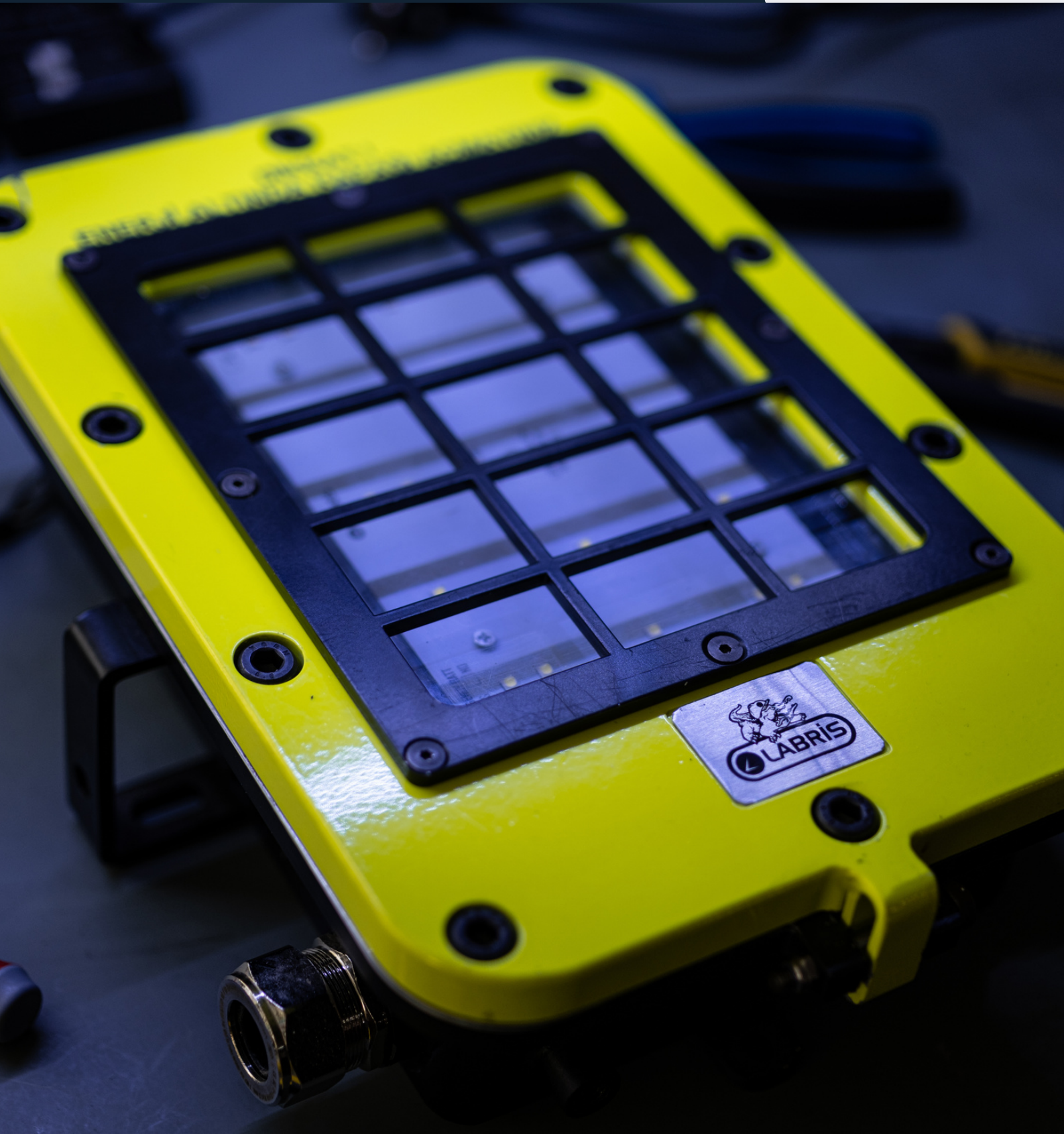




ATA

Enlighten the future

developed by 



+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gasıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA ARM MINI SERIES



ATA

Enlighten the future

developed by LABRIS



LOW WEIGHT HIGH LIGHTING

Made in Turkey

Designed entirely by Turkish
Engineers
Labris A.Ş. production

Service

- 2 Year Warranty
- 7/24 Technical Service
- Spare Parts

Sectors

- Underground coal mines
- Petrochemistry industry
- Shipyards
- Ammunition factories
- Factories at risk of burning and dust explosion

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA ARM MINI

TECHNICAL DETAIL



ATA

Enlighten the future
developed by



**Aesthetic Design,
Outstanding
Performance,
Turkish Software
Quality &
Ex-Equipment**



Model	Power	Lumen	Lm/W	Colour Temperature
ATA ARM 38W	38W	3197	91	6500K
ATA ARM 30W	30W	2558	88	6500K
ATA ARM 25W	25W	2077	82	6500K
ATA ARM 20W	20W	1682	82	6500K

Ex-Proof

**Bullet-Proof
Glass**

**Design
Registered**

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA ARM MINI

TECHNICAL DETAIL



ATA

Enlighten the future
developed by



Product Information

Certificates and standards

- I M2 Ex db I Mb
- II 2G Ex db IIB T4 Gb
- II 2D Ex tb IIIC T120°C Db
- IEP 22 ATEX 1141X
- EN IEC 60079-0
- EN 60079-1
- EN 60079-31



Standard Product Specifications

- Operating Voltage: 220 Volt $\pm$ %10
- Operating Frequency: 50-60 Hz
- Led Number: 8-15
- Light Beam Angle: 120°
- Glass: Solid polycarbonate
- Body: St37 Structural Steel
- Operating Temperature: -20°C/+65°C
- IP65 Protection Class
- Fluorinated Seals
- Battery Capacity: 5000-7000 mAh
- LED Driver Voltage: Meanwell 24V - 48V
- Meanwell Main Power Transformer
- Cable jumping opportunity with Ex Certified 2 pcs cable luminaire
- With the internal switch, it is possible to turn off the luminaire itself or all luminaires on and after the bypassed cable.
- (Optional) Increased impact resistance thanks to glass Housing grille
- Fast heat dissipation feature with aluminium Led tray

ATA ARM MINI

TECHNICAL DETAIL



ATA

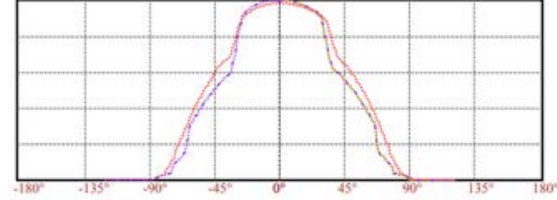
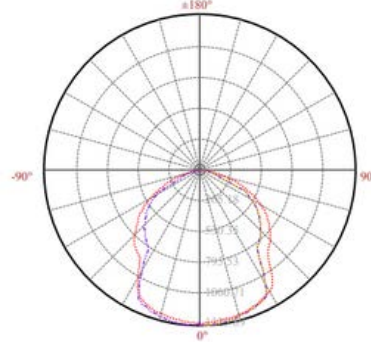
Enlighten the future
developed by



Photometric Curve

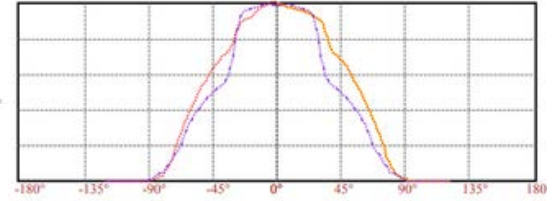
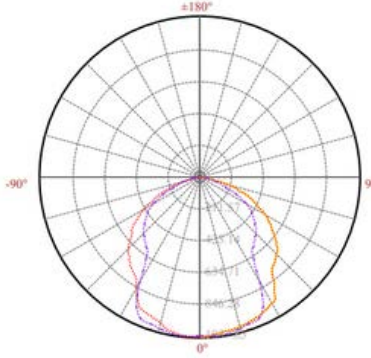
ATA ARM MINI 38W

- Power(W): 38
- Lumen(lm): 3196
- Productivity(%):%100
- Lumen(lm)/Power(W): 91
- Maximum density(cd): 1325



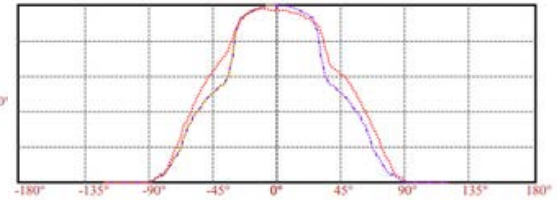
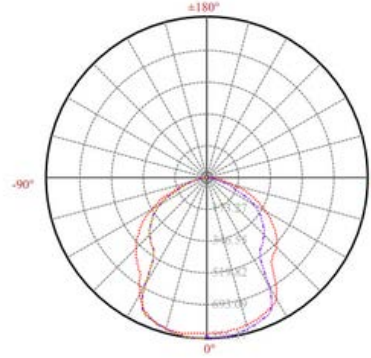
ATA ARM MINI 30W

- Power(W): 30
- Lumen(lm): 2558
- Productivity(%):%100
- Lumen(lm)/Power(W): 88
- Maximum density(cd): 1057



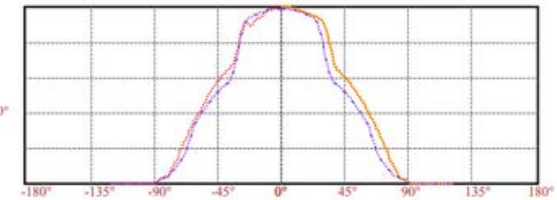
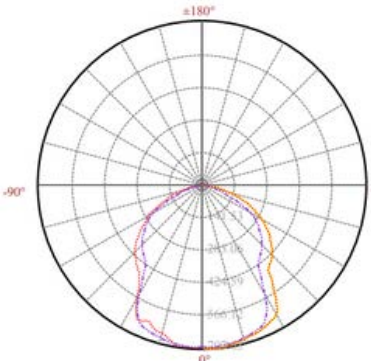
ATA ARM MINI 25W

- Power(W): 25
- Lumen(lm): 2077
- Productivity(%):%100
- Lumen(lm)/Power(W): 82
- Maximum density(cd): 866



ATA ARM MINI 20W

- Power(W): 20
- Lumen(lm): 1682
- Productivity(%):%100
- Lumen(lm)/Power(W): 82
- Maximum density(cd): 707



*Veriler DIALux dijital dosyasından alınmıştır.

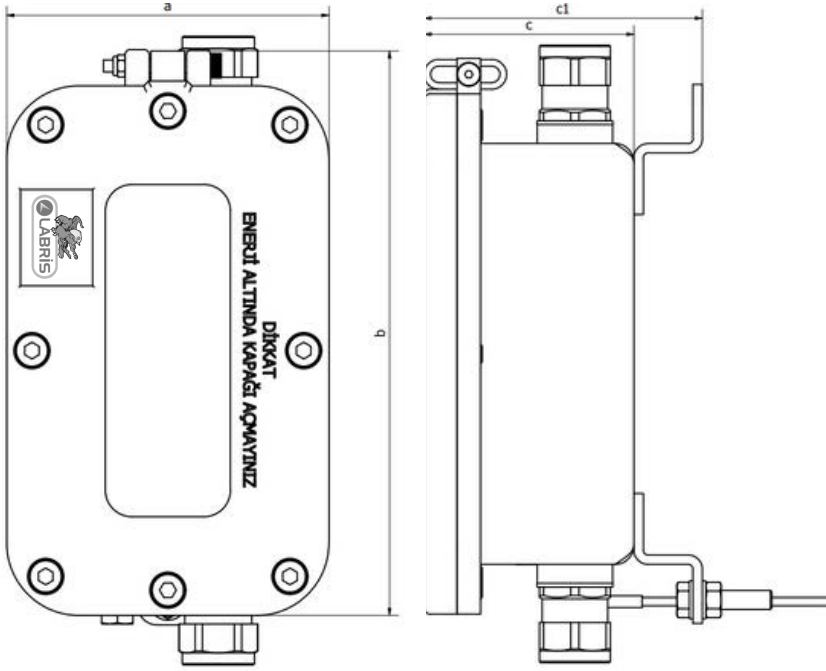
ATA ARM TECHNICAL DETAIL



ATA

Enlighten the future

developed by LABRIS



Measure of Length (mm)

a	b	c	c1
134	234.5	89	118

Weight (kg)

5.8

Reading Label Information

CE 00XX Ex II 2G Ex db IIB T4 Gb

CE marking

Certifying Body

ATEX Symbol

Equipment Group

Equipment Category

Equipment Protection Level

Temperature Class

Explosion Group

Protection Type

Ex-Equipment Marking



I M2 Ex db I Mb
II 2G Ex db IIB T4 Gb
II 2D Ex tb IIC T120°C Db



ATEX Label QR Code





ATA

Enlighten the future

developed by 



+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA MINER'S CAP LAMP



ATA

Enlighten the future

developed by LABRIS



MORE THAN 15 HOURS OF UNDERGROUND LIGHTING

Made in Turkey

Designed entirely by Turkish
Engineers
Labris A.Ş. production

Service

- 2 Year Warranty
- 7/24 Technical Service
- Spare Parts

Sectors

- Underground coal mines
- Petrochemistry industry
- Shipyards
- Ammunition factories
- Factories at risk of burning and dust explosion

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA

MINER'S CAP LAMP



ATA

Enlighten the future
developed by



**Aesthetic
Design,
Outstanding
Performance,
Turkish Software
Quality &
Ex-Equipment**



Model	Battery	Lumen	Lux	Colour Temperature
ATA-LB6m	9000-12000 mAh	390	>20000	6500K
ATA-LB5m	7500-9000 mAh	370	>16000	6500K

**Processor
Controlled
Circuits**

**Long Term
Lighting**

**Design
Registered**

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA-LB6M MINER'S CAP LAMP



ATA

Enlighten the future

developed by LABRIS

Product Information

Certificates and standards

- I M1 Ex ia op is I Ma
- IEP 21 ATEX 0962X
- EN IEC 60079-0
- EN 60079-11
- EN 60079-28
- EN 60079-35-1
- TS EN 60598-2-4
- OSE-20-031303
- CE
- Design Registration



Standard Product Specifications

- Battery Voltage: 3.7 V
- Battery Capacity: 9000-12000 mAh
- Operating Temperature: -10°C / 45°C
- Charging Time: 5-7 hours
- Glass: Polycarbonate
- Body: ABS V0 Engineering Plastics
- IP68 Protection Class
- Charge Discharge Cycle: 1000-1500 Cycles
- Weight: 500-550 gr
- NFC: Available
- Lighting Density: 390 lm
- (Optional) Integrable personnel follow-up system
- Portable Single Charger: Available (Quick charge)

ATA-LB6M

TECHNICAL DETAIL



ATA

Enlighten the future

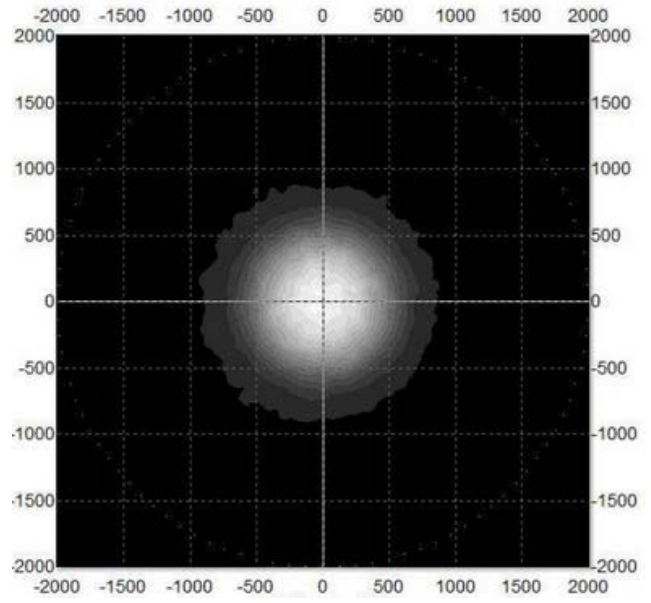
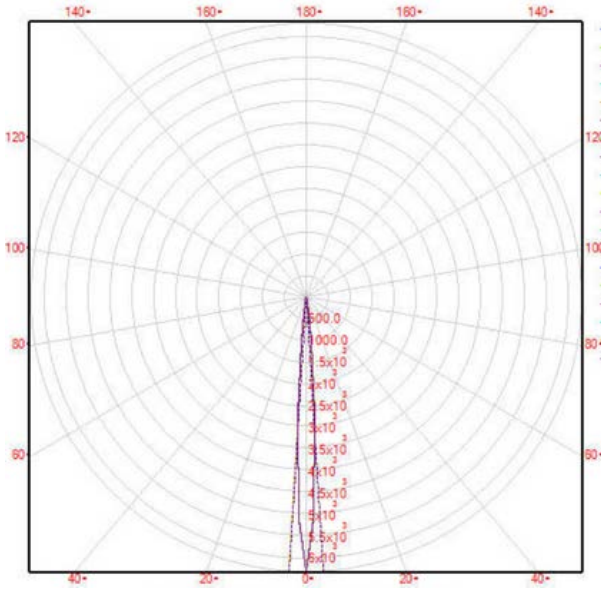
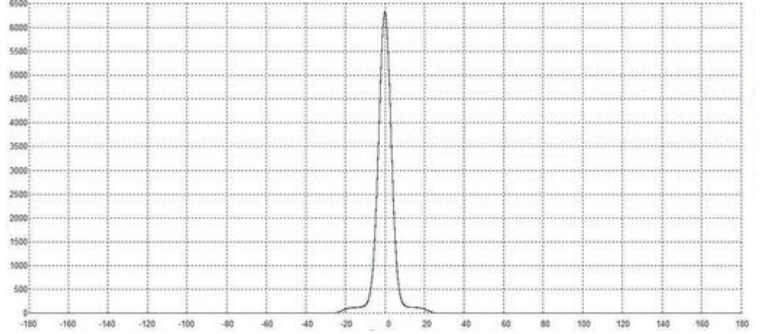
developed by LABRIS



Photometric Curve

ATA-LB6m

- Lux(Lx): 30klx $\pm$ 2klx (v1.6)
- Lux(Lx): 20klx $\pm$ 2klx (v1.5)
- Productivity(%):%100
- Maximum density(cd): 4820



*Veriler DIALux dijital dosyasından alınmıştır.

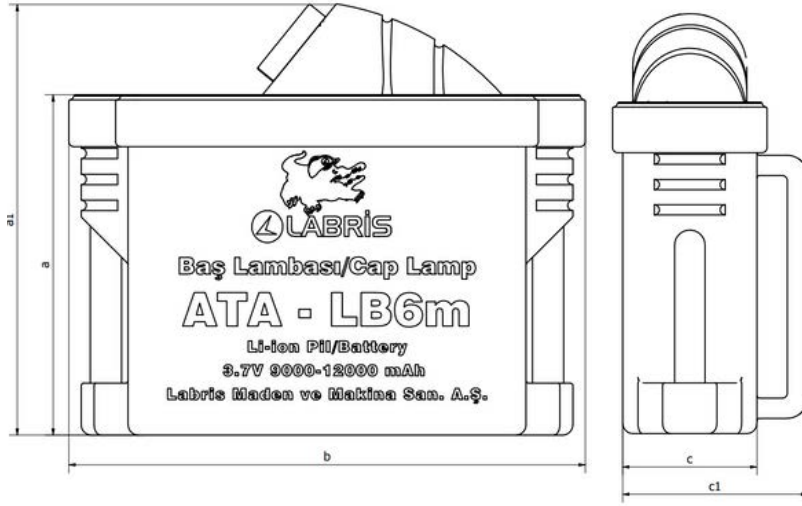
ATA-LB6M

TECHNICAL DETAIL



ATA

Enlighten the future
developed by



Measure of Length (mm)

a	a1	b	c	c1
65.5	83	99	26.5	36.5

Weight (g)

500-550

Reading Label Information

CE	00XX	Ex	I	M1	Ex ia op is I	Ma
CE marking	Certifying Body	ATEX Symbol	Equipment Group	Equipment Category	Ex-Equipment Marking	Equipment Protection Level
						Temperature Class
						Explosion Group
						Protection Type



I M1 Ex ia op is I Ma



ATEX Label QR Code





ATA

Enlighten the future

developed by 



+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA PORTABLE CHARGER



ATA
Enlighten the future
developed by 



SHORTER CHARGING TIME WITH QUICK CHARGE FEATURE

Made in Turkey

Designed entirely by Turkish
Engineers
Labris A.Ş. production

Service

- 2 Year Warranty
- 7/24 Technical Service
- Spare Parts

Sectors

- Underground coal mines
- Petrochemistry industry
- Shipyards
- Ammunition factories
- Factories at risk of burning and dust explosion

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA PORTABLE CHARGER



ATA

Enlighten the future
developed by



**Aesthetic Design,
Quick Charge,
Turkish Software
Quality**



Model	Output Current	Output Voltage
TSU-1	2500 mA	4.2
TSU-0	2000 mA	4.2

**Charge
Indicator**

Quick Charge

**Design
Registered**

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA PORTABLE CHARGER



ATA
Enlighten the future
developed by 

Product Information

Certificates and standards

- TS EN 62368-1
- OSE-20-031303
- 2014/35/EU LVD
- CE



Standard Product Specifications (TSU-1)

- Operating Voltage: 110-230 VAC
- Power: 12W
- Output Voltage: 4.2 VDC
- Output Current: 2500mA
- NFC: Available

Standard Product Specifications (TSU-0)

- Operating Voltage: 110-230 VAC
- Power: 12W
- Output Voltage: 4.2 VDC
- Output Current: 2000mA
- NFC: Available

ATA TSU

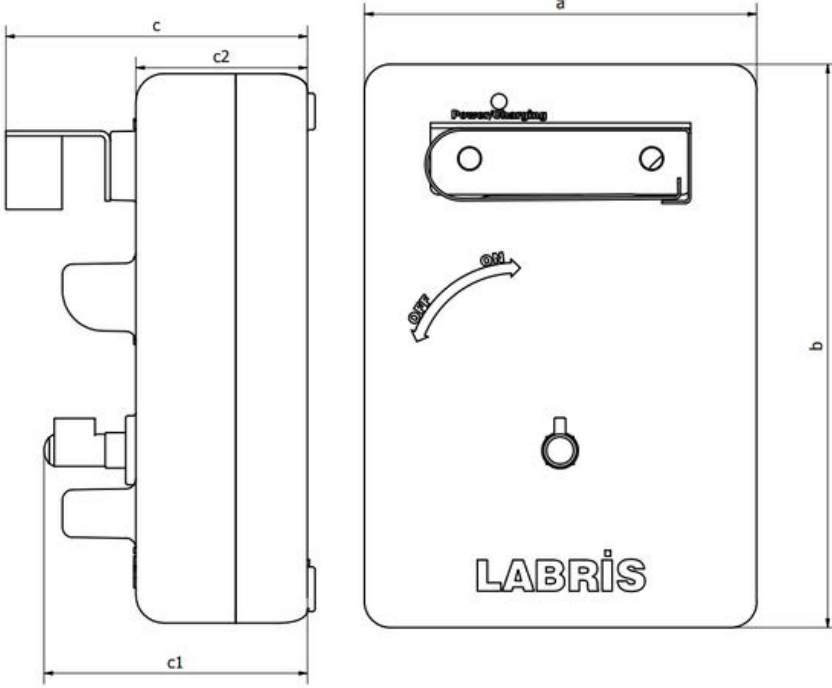
TECHNICAL DETAIL



ATA

Enlighten the future

developed by LABRIS



Measure of Length (mm)

a	b	c	c1	c2
75.4	108	59	51.65	33.65

Weight (g)

200

ATA MULTIPLE CHARGING UNIT



ATA

Enlighten the future
developed by



THE FIRST EMERGENCY RELEASE LOCK SYSTEM IN THE SECTOR

Made in Turkey

Designed entirely by Turkish
Engineers
Labris A.Ş. production

Service

- 2 Year Warranty
- 7/24 Technical Service
- Spare Parts

Sectors

- Underground coal mines
- Petrochemistry industry
- Shipyards
- Ammunition factories
- Factories at risk of burning and dust explosion

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA CSU

TECHNICAL DETAIL



ATA

Enlighten the future
developed by



**Aesthetic Design,
Quick Charge,
Easy to Use and
Turkish Software
Quality**



Model	Charge Capacity	Charging Current	Weight
CSU-102	102	2500 mA	350 kg
CSU-60	60	2500 mA	250 kg

**High
Strenght**

**Charge Control
with Processor**

**Easy
Charge
Tracking**

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA CSU MULTIPLE CHARGING UNIT



ATA

Enlighten the future
developed by



Product Information

Certificates and standards

- TS EN 62368-1
- OSE-20-031301
- 2014/35/EU LVD

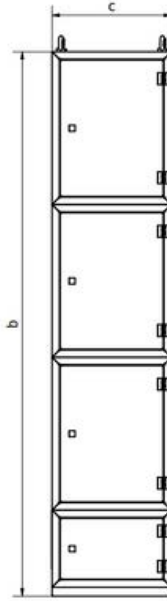
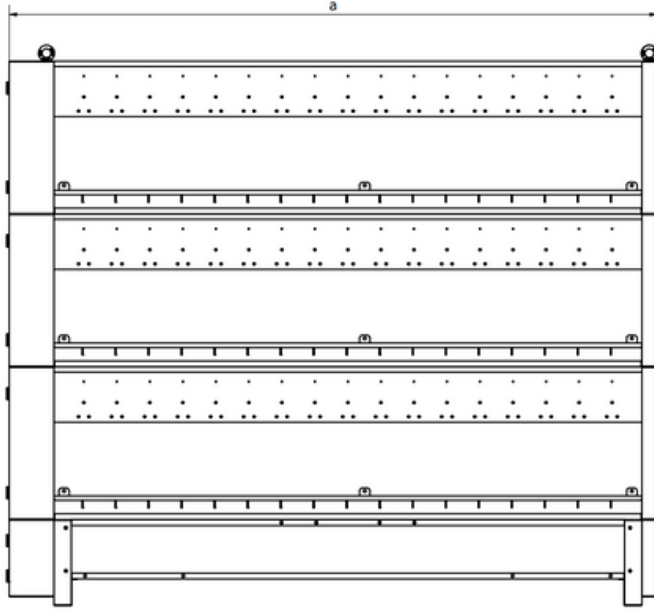


Standard Product Specifications

- Operating Voltage: 220-240VAC
- Power: 1250W
- Operating Frequency: 50 Hz
- Output Voltage: 5 ± 0.5 VDC
- Charging Current: 2500 mA
- Weight: 350 kg
- With different rack options based on customer requests;
 - 30 Charging Units
 - 60 Charging Units
 - 102 Charging Units



CSU-102



Measure of Length (mm)

a

b

c

2178.5

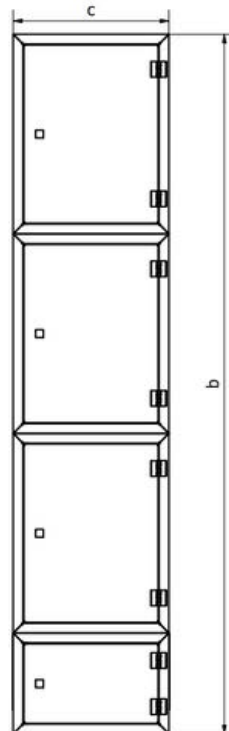
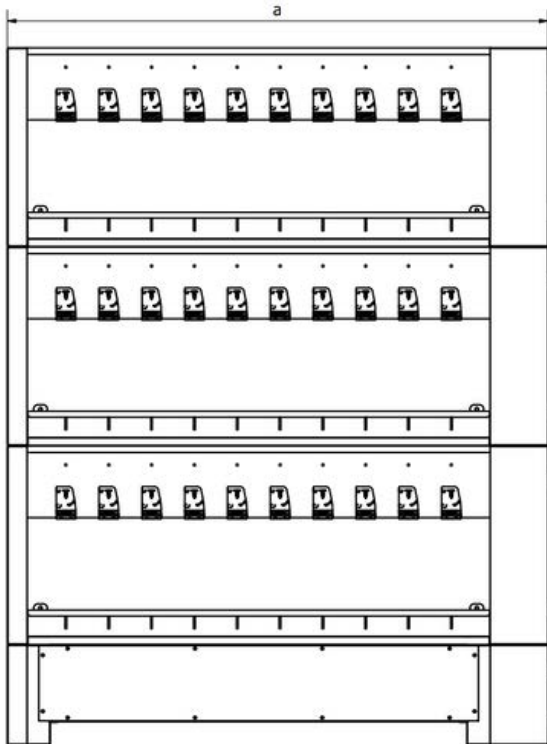
1835

400

Weight (kg)

350

CSU-60



Measure of Length (mm)

a

b

c

1401.5

1805

400

Weight (kg)

200

ATA JUNCTION BOX



ATA

Enlighten the future
developed by



ATEX CERTIFIED JUNCTION BOX FOR CABLE DISTRIBUTION AND SPLICE

Made in Turkey

Designed entirely by Turkish
Engineers
Labris A.Ş. production

Service

- 2 Year Warranty
- 7/24 Technical Service
- Spare Parts

Sectors

- Underground coal mines
- Petrochemistry industry
- Shipyards
- Ammunition factories
- Factories at risk of burning and dust explosion

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA JUNCTION BOX

TECHNICAL DETAIL



ATA
Enlighten the future
developed by 

**Aesthetic Design,
Explosion-Proof
Case and Ex-
Equipment**



Model	Gland Inlet	Material	Protection Class
ATA JUNC X2	2	S235JR	IP 65
ATA JUNC X3	3	S235JR	IP 65
ATA JUNC X4	4	S235JR	IP 65

**High
Strenght**

**D Type
Enclosure**

**Design
Registered**

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA JUNCTION BOX



ATA

Enlighten the future

developed by LABRIS

Product Information

Certificates and standards

- I M2 Ex db I Mb
- II 2G Ex db IIB Gb
- II 2D Ex tb IIIC Db
- IEP 23 ATEX 1200U
- EN IEC 60079-0
- EN 60079-1
- EN 60079-31



Standard Product Specifications

- D Type Enclosures
- With possibility to design with different features
- Joining and bypassing lighting and power cables
- Can be converted into a control box for terminal placement
- Combining gas monitoring and data cabling
- Ability to use as an in-line intermediate control point
- 3 different input options
 - Can be produced with 2x different diameter fittings
 - Can be produced with 3x different diameter fittings
 - Can be produced with 4x different diameter fittings
- IP 65 Protection Class
- Operating Voltage: 1100V AC, 400V DC
- Operating Temperature: -20°C/+65°C

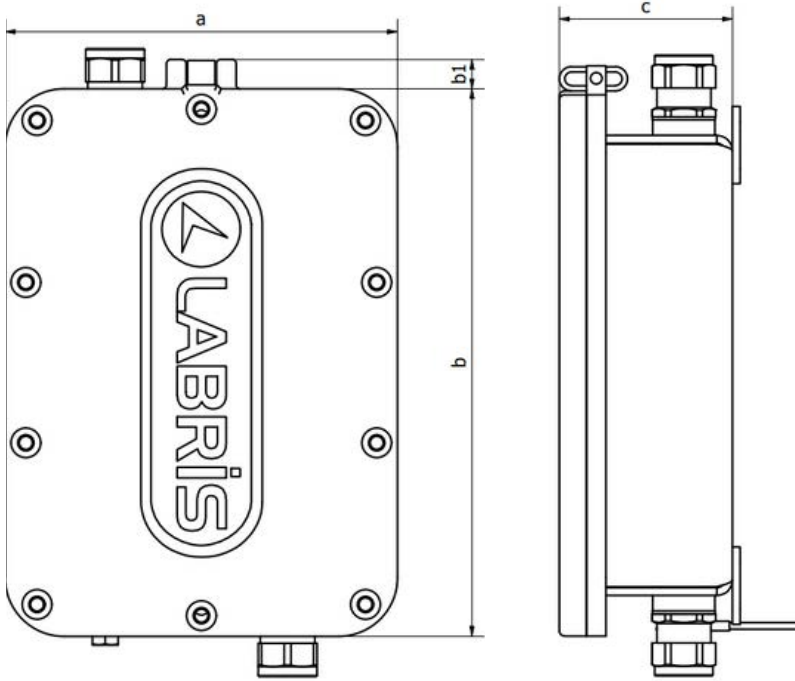
ATA BUAT TECHNICAL DETAIL



ATA

Enlighten the future

developed by LABRIS



Measure of Length (mm)

a	b	b1	c
200	280	15	89

Weight (kg)

10.6

Reading Label Information

CE	00XX	Ex	II	2G	Ex	db	I	Mb
CE marking	Certifying Body	ATEX Symbol	Equipment Group	Equipment Category				Equipment Protection Level
								Temperature Class
								Explosion Group
								Protection Type
								Ex-Equipment Marking



- I M2 Ex db I Mb
- II 2G Ex db IIB Gb
- II 2D Ex tb IIIC Db



ATEX Label QR Code



ATA JUNCTION BOX MINI



ATA
Enlighten the future
developed by 



ATEX CERTIFIED JUNCTION BOX FOR CABLE DISTRIBUTION AND SPLICE

Made in Turkey

Designed entirely by Turkish
Engineers
Labris A.Ş. production

Service

- 2 Year Warranty
- 7/24 Technical Service
- Spare Parts

Sectors

- Underground coal mines
- Petrochemistry industry
- Shipyards
- Ammunition factories
- Factories at risk of burning and dust explosion

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA JUNCTION BOX MINI

TECHNICAL DETAIL



ATA

Enlighten the future
developed by



**Aesthetic
Design,
Explosion-proof
Case and Ex-
Equipment**



Model	Gland Inlet	Material	Protection Class
ATA JUNC X2	2	S235JR	IP 65
ATA JUNC X3	3	S235JR	IP 65
ATA JUNC X4	4	S235JR	IP 65

**High
Strength**

**D Type
Enclosure**

**Design
Registered**

www.ata-lighting.com

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye

ATA JUNCTION BOX MINI



ATA

Enlighten the future

developed by LABRIS

Product Information

Certificates and standards

- I M2 Ex db I Mb
- II 2G Ex db IIB Gb
- II 2D Ex tb IIIC Db
- IEP 23 ATEX 120IU
- EN IEC 60079-0
- EN 60079-1
- EN 60079-31



Standard Product Specifications

- D Type Enclosure
- With possibility to design with different features
 - Joining and bypassing lighting and power cables
 - Can be converted into a control box for terminal placement
 - Combining gas monitoring and data cabling
 - Ability to use as an in-line intermediate control point
- 3 different input options
 - Can be produced with 2x different diameter fittings
 - Can be produced with 3x different diameter fittings
 - Can be produced with 4x different diameter fittings
- IP 65 Protection Class
- Operating Voltage: 1100V AC, 400V DC
- Operating Temperature: -20°C/+65°C

ATA JUNCTION BOX MINI

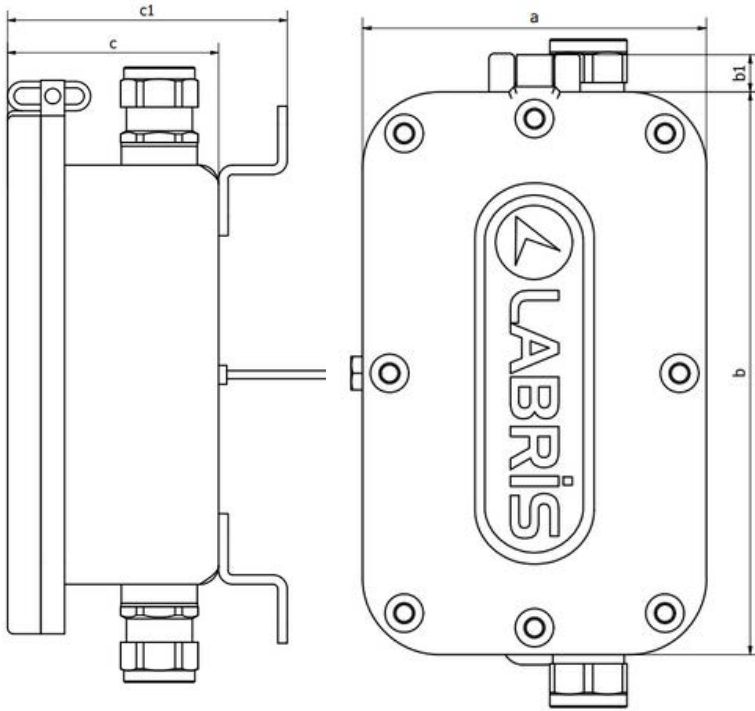
TECHNICAL DETAIL



ATA

Enlighten the future

developed by LABRIS



Measure of Length (mm)

a	b	b1	c	c1
134	220	14.5	89	118

Weight (kg)

5.8

Reading Label Information

CE	00XX	Ex	II	2G	Ex	db	I	Mb
CE marking	Certifying Body	ATEX Symbol	Equipment Group	Equipment Category				Equipment Protection Level
								Temperature Class
								Explosion Group
								Protection Type
								Ex-Equipment Marking



- I M2 Ex db I Mb
- II 2G Ex db IIB Gb
- II 2D Ex tb IIIC Db



ATEX Label QR Code



CERTIFICATES

ATEX CERTIFICATES



IEP ENERGY PETROLEUM INSTITUTE **IEP ATEX**

(1) Supplement Nr: 01
EU-Type Examination Certificate

(2) Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU

(3) EU - Type Examination Certificate Number: IEP 21 ATEX 0962X

(4) Product: ATA-LB5m, ATA-LB6m, ATA-LB5L and ATA-LB6L Type Cap-Lights,

(5) Firm Name: LABRIS Maden ve Makina Sanayi A.Ş.

(6) Firm Address: Taşpınar Mahallesi İsmail Gaspıralı Caddesi No:68/1 Gölbaşı/ANKARA - TÜRKİYE

(7) This product any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-1965-1 date 17.06.2022.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with;
EN IEC 60079-0:2018, EN 60079-11:2012, EN 60079-28:2015, EN 60079-35-1:2011

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specified Conditions of Safe Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 2014/34/EU.

(12) The marking of the equipment or protective system shall include the following:

Ex I M1 Ex in op is I Ma, IP68

Responsible Person :
Nurettin Terzioğlu
Head of Certification Body

Supplement Date of Issue : 23.06.2022

IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hüs. Org. Tic. Ltd. Sti.
5746/1 Sok. No:9 K.2 Bismarck - ÜZMİR / TÜRKİYE
Tel: +90 232 431 17 45 - 46 Fax: +90 232 431 17 30 E-mail: iep@iep.com.tr Fr-45
This certificate is granted subject to the general conditions of the IEP Energy Petroleum Institute. This certificate may only be reproduced in its entirety and without any change, schedule included. You can check accuracy of this document by www.iep.com.tr

Page | 1 / 3

IEP ENERGY PETROLEUM INSTITUTE **IEP ATEX**

(1) EU-Type Examination Certificate

(2) Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU

(3) EU - Type Examination Certificate Number: IEP 22 ATEX 1066X

(4) Product: Han Lights ARM series - Led Projectors

(5) Firm Name: Labris Maden ve Makina Sanayi A.Ş.

(6) Firm Address: Taşpınar Mahallesi İsmail Gaspıralı Caddesi No:68/1 Gölbaşı/ANKARA - TÜRKİYE

(7) This product any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-2215 date 14.06.2022.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with;
EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specified Conditions of Safe Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include the following:

Ex I M2 Ex db I Mb, IP 65
II 2G Ex db IIB T4 Gb
II 2D Ex db IIC T120°C Db

Responsible Person:
Nurettin Terzioğlu
Head of Certification Body

Date of Issue: 23.06.2022

IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hüs. Org. Tic. Ltd. Sti.
5746/1 Sok. No:9 K.2 Bismarck - ÜZMİR / TÜRKİYE
Tel: +90 232 431 17 45 - 46 Fax: +90 232 431 17 30 E-mail: iep@iep.com.tr Fr-45
This certificate is granted subject to the general conditions of the IEP Energy Petroleum Institute. This certificate may only be reproduced in its entirety and without any change, schedule included. You can check accuracy of this document by www.iep.com.tr

Page | 1 / 2

IEP ENERGY PETROLEUM INSTITUTE **IEP ATEX**

(1) EU-Type Examination Certificate

(2) Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU

(3) EU - Type Examination Certificate Number: IEP 23 ATEX 1141X

(4) Product: Han Lights ARM Mini-series - Led Projectors

(5) Firm Name: Labris Maden ve Makina Sanayi A.Ş.

(6) Firm Address: Taşpınar Mahallesi İsmail Gaspıralı Caddesi No:68/1 Gölbaşı, ANKARA - TÜRKİYE

(7) This product any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-2362 date 06.01.2023.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with;
EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specified Conditions of Safe Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include the following:

Ex I M2 Ex db I Mb, IP 65
II 2G Ex db IIB T4 Gb
II 2D Ex db IIC T120°C Db

Responsible Person:
Nurettin Terzioğlu
Head of Certification Body

Date of Issue: 16.01.2023

IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hüs. Org. Tic. Ltd. Sti.
5746/1 Sok. No:9 K.2 Bismarck - ÜZMİR / TÜRKİYE
Tel: +90 232 431 17 45 - 46 Fax: +90 232 431 17 30 E-mail: iep@iep.com.tr Fr-45
This certificate is granted subject to the general conditions of the IEP Energy Petroleum Institute. This certificate may only be reproduced in its entirety and without any change, schedule included. You can check accuracy of this document by www.iep.com.tr

Page | 1 / 2

IEP ENERGY PETROLEUM INSTITUTE **IEP ATEX**

(1) PRODUCTION QUALITY ASSURANCE NOTIFICATION

(2) Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU

(3) Notification Certificate Number: IEP 23 ATEX Q 1204

(4) This notification is issued for the equipment or protective systems or components which are described in the Certificates listed in the Schedule to this notification.

(5) Manufacturer: LABRIS Maden ve Makina Sanayi A.Ş.

(6) Production Location: Taşpınar Mahallesi İsmail Gaspıralı Caddesi No:68/1 Gölbaşı/ANKARA - TÜRKİYE

(7) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., Notified Body number 2284 in accordance with article 17 of the Council Directive 2014/34/EU of 26 February 2014, notifies to the manufacturer that the production site satisfies the requirements of Annex IV and VII of the Directive.

(8) This notification is based on the Audit Report No: IEP-RP.Ex-10-2479 dated 19.04.2023. Periodical surveillance of the production process is part of this notification.

(9) This Notification is valid until 24/04/2026 and can be withdrawn if the manufacturer no longer satisfies the requirements of the Annex IV/VII.

(10) According to Article 16 [3] of the Directive 2014/34/EU the CE marking shall be followed by the identification number 2284 of IEP as the notified body involved in the production control stage.

(11) This Notification may only be reproduced in its entirety and without any change, schedule included.

Responsible Person :
Nurettin Terzioğlu
Head of Certification Body

Date of Issue :25.04.2023

IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hüs. Org. Tic. Ltd. Sti.
5746/1 Sok. No:9 K.2 Bismarck - ÜZMİR / TÜRKİYE
Tel: +90 232 431 17 45 - 46 Fax: +90 232 431 17 30 E-mail: iep@iep.com.tr Fr-48
This certificate is granted subject to the general conditions of the IEP Energy Petroleum Institute. This certificate may only be reproduced in its entirety and without any change, schedule included. You can check accuracy of this document by www.iep.com.tr

Page | 1 / 2

CERTIFICATES

ATEX CERTIFICATES



ATA

Enlighten the future
developed by



IEP ENERGY PETROLEUM INSTITUTE

IEP ATEX

(1) **EU-Type Examination Certificate**

(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU

(3) EU - Type Examination Certificate Number: IEP 23 ATEX 1201U

(4) Product: **AtaLigHis Junc Mini XX type - Junction Box**

(5) Firm Name: **Labris Maden ve Makina Sanayi AŞ.**

(6) Firm Address: **Taşpınar Mahallesi İsmail Gaspıralı Caddesi No:68/1 Gölbaşı, ANKARA - TÜRKİYE**

(7) This product any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The IEP Uluslararası Enerji Petrol Güvenlik, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-2471 date 14.04.2023.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014

(10) The sign "U" placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include the following:

Ex I M2 Ex db I Mb, IP 65
II 2G Ex db IIB Gb
II 2D Ex db IIC Db

Responsible Person:
Nurettin Terzioğlu
Head of Certification Body

Date of Issue: 19.04.2023

IEP Uluslararası Enerji Petrol Gvz., Sertifikasyon ve Teknik Hic. Org. Tic. Ltd. Sti.
3746/1 Sok. No:9 K:2 Beşikova - ÜZMİR / TÜRKİYE
Tel: +90 232 431 17 43 - 46 Fax: +90 232 431 17 30 E-mail: iep@iep.com.tr Fv:45
This certificate is granted subject to the general conditions of the IEP Energy Petroleum Institute. This certificate may only be reproduced in its entirety and without any change, schedule included. You can check accuracy of this document by www.iep.com.tr

Page | 1 / 2

IEP ENERGY PETROLEUM INSTITUTE

IEP ATEX

(1) **EU-Type Examination Certificate**

(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU

(3) EU - Type Examination Certificate Number: IEP 23 ATEX 1200U

(4) Product: **AtaLigHis Junc XX type - Junction Box**

(5) Firm Name: **Labris Maden ve Makina Sanayi AŞ.**

(6) Firm Address: **Taşpınar Mahallesi İsmail Gaspıralı Caddesi No:68/1 Gölbaşı/ANKARA - TÜRKİYE**

(7) This product any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The IEP Uluslararası Enerji Petrol Güvenlik, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-2470 date 14.04.2023.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014

(10) The sign "U" placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include the following:

Ex I M2 Ex db I Mb, IP 65
II 2G Ex db IIB Gb
II 2D Ex db IIC Db

Responsible Person:
Nurettin Terzioğlu
Head of Certification Body

Date of Issue: 19.04.2023

IEP Uluslararası Enerji Petrol Gvz., Sertifikasyon ve Teknik Hic. Org. Tic. Ltd. Sti.
3746/1 Sok. No:9 K:2 Beşikova - ÜZMİR / TÜRKİYE
Tel: +90 232 431 17 43 - 46 Fax: +90 232 431 17 30 E-mail: iep@iep.com.tr Fv:45
This certificate is granted subject to the general conditions of the IEP Energy Petroleum Institute. This certificate may only be reproduced in its entirety and without any change, schedule included. You can check accuracy of this document by www.iep.com.tr

Page | 1 / 2

CERTIFICATES



ATA

Enlighten the future
developed by



DECLARATION OF CONFORMITY

UYGUNLUK BEYANI



Owner of Declaration: Labris Maden ve Makina Sanayi A.Ş.
Taşpınar Mahallesi, İsmail Gaspıralı Caddesi, No: 68/1 ANKARA - TÜRKİYE

Manufacturer: Labris Maden ve Makina Sanayi A.Ş.
Taşpınar Mahallesi, İsmail Gaspıralı Caddesi, No: 68/1 ANKARA - TÜRKİYE

Product: Miner's Cap Lamp
Madenin Baş Lambası

Type/Model: ATA-LB5n, ATA-LB5n, ATA-LB5n, ATA-LB5n

Trade Mark:

Base of attestation: File of technical documentation, test report Ref. No. DSE-26-031303, ATEX test report Ref. No. 8P, Ex-IP 15-1965-1, Tarih Çekim/Alınış: DSE-26-031303 numaranlı Test Raporu, 8P, Ex-IP 15-1965-1 numaranlı ATEX Test Raporu

Applied EC Directives: 2014/35/EU, 2014/53/EU, 2014/34/EU

Applied Standards: EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014, EN 61547:2009, EN 60598-2-4:2018

Last Two Digit Year of CE Mark Affixed: 21

We "Labris Maden ve Makina Sanayi A.Ş." hereby declare that: specified above conforms covering European Parliament and Council Directives 2014/35/EU Low Voltage Directive, 2014/53/EU Electromagnetic compatibility Directive, 2014/34/EU Equipment for potentially explosive atmospheres Directive

Date:
Place:

General Manager

LABRIS MADEN VE MAKİNA SANAYİ A.Ş.

İsmail Gaspıralı Caddesi No: 68/1
Taşpınar Mahallesi - ANKARA



LVT Test Laboratuvarları Ltd. Şti.

www.lvt.com.tr
Saray Modern Keresteciler Sanayi Sitesi 4 Caddesi No:9
Kazım / ANKARA
Tel: 0 312 815 13 25-26 Faks: 0 312 815 13 27

DENEY RAPORU

Test Report

1/24

Müşteri / Client: LABRIS MADEN ve MAKİNA SANAYİ A.Ş.
Adres / Address: TAŞPINAR MAHALLESİ 2855. CADDE NO: 68
İmalatçı / Manufacturer: LABRIS MADEN ve MAKİNA SANAYİ A.Ş.
Deney Numunesi / Test Sample: ATA-LB5n MADENCİ BAŞ LAMBASI
Marka / Trade Mark: LABRIS
Deney Metodu / Test Method: IEC 61547:2020
TS EN 50015:2018/A11:2020, EN 55015:2018/A11:2020, IEC 55015:2018/TS1:2019
Deney Tarihi / Date of Test: 29.03.2021 - 05.04.2021
Toplam Sayfa Sayısı / Total Number of Pages: 24
Başım Tarihi / Date of Issue: 17.06.2021

Deney laboratuvarı olarak faaliyet gösteren LVT Test Laboratuvarları Ltd. Şti. TÜRKAK'tan AB-0341-T numarası ile EC6150 TS EN 17025:2017 standardına göre akredite edilmiştir.
LVT Test Laboratuvarları Ltd. Şti. accredited by TÜRKAK under registration number AB-0341-T for EC6150 TS EN 17025:2017 as test laboratory.

Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarını her zaman uluslararası Akreditasyon Birliği (IA) ile Çek Tutarlı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşmalarına sahiptir.
The Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EUA) Multilateral Agreements (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Deney ve / veya ölçüm sonuçları, gerektirilmez ölçüm belirlenimleri (ölçüm belirlenimi) ve deney metodu, bu raporun tamamıyla kesin olan bilgi olan sonuçlarıdır.
The test and / or measurements results, the uncertainties (if required) with confidence probability and test methods are given on the following pages which are part of this report.

Mühür / Seal:
Deney Sorumlusu / Person in Charge of Test: Necati RAMAZAN
Laboratuvar Müdürü / Head of Testing Laboratory: Cahit GÖKSEL

Bu rapor, Laboratuvarımızda yapıldıktan sonra imzalanmış kopyalarıyla çoğaltılabilir.
Bu rapor, Laboratuvarımızda yapıldıktan sonra imzalanmış kopyalarıyla çoğaltılabilir.
This report shall not be reproduced other than in full except with the permission of the laboratory.
This report shall not be reproduced other than in full except with the permission of the laboratory.
Tutaj: 03/06/2020



LVT Test Laboratuvarları Ltd. Şti.

www.lvt.com.tr
Saray Modern Keresteciler Sanayi Sitesi 4 Caddesi No:9
Kazım / ANKARA
Tel: 0 312 815 13 25-26 Faks: 0 312 815 13 27

DENEY RAPORU

Test Report

1/80

Müşteri / Client: LABRIS MADEN ve MAKİNA SANAYİ A.Ş.
Adres / Address: TAŞPINAR MAHALLESİ 2855. CADDE NO: 68
İmalatçı / Manufacturer: LABRIS MADEN ve MAKİNA SANAYİ A.Ş.
Deney Numunesi / Test Sample: LBRS-MBL-CSU-60-0 ÇOKLU ŞARJ ÜNİTESİ
Marka / Trade Mark: LABRIS
Deney Metodu / Test Method: TS EN 62368-1:2020 - AC:2020 - A11:2020
Deney Tarihi / Date of Test: 14.04.2021 - 04.05.2021
Toplam Sayfa Sayısı / Total Number of Pages: 80
Başım Tarihi / Date of Issue: 21.06.2021

Deney laboratuvarı olarak faaliyet gösteren LVT Test Laboratuvarları Ltd. Şti. TÜRKAK'tan AB-0341-T numarası ile EC6150 TS EN 17025:2017 standardına göre akredite edilmiştir.
LVT Test Laboratuvarları Ltd. Şti. accredited by TÜRKAK under registration number AB-0341-T for EC6150 TS EN 17025:2017 as test laboratory.

Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarını her zaman uluslararası Akreditasyon Birliği (IA) ile Çek Tutarlı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşmalarına sahiptir.
The Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EUA) Multilateral Agreements (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Deney ve / veya ölçüm sonuçları, gerektirilmez ölçüm belirlenimleri (ölçüm belirlenimi) ve deney metodu, bu raporun tamamıyla kesin olan bilgi olan sonuçlarıdır.
The test and / or measurements results, the uncertainties (if required) with confidence probability and test methods are given on the following pages which are part of this report.

Mühür / Seal:
Deney Sorumlusu / Person in Charge of Test: Ali GÜNGÖR ARSLANLI
Laboratuvar Müdürü / Head of Testing Laboratory: Cahit GÖKSEL

Bu rapor, Laboratuvarımızda yapıldıktan sonra imzalanmış kopyalarıyla çoğaltılabilir.
Bu rapor, Laboratuvarımızda yapıldıktan sonra imzalanmış kopyalarıyla çoğaltılabilir.
This report shall not be reproduced other than in full except with the permission of the laboratory.
This report shall not be reproduced other than in full except with the permission of the laboratory.
Tutaj: 03/06/2020



LVT Test Laboratuvarları Ltd. Şti.

www.lvt.com.tr
Saray Modern Keresteciler Sanayi Sitesi 4 Caddesi No:9
Kazım / ANKARA
Tel: 0 312 815 13 25-26 Faks: 0 312 815 13 27

DENEY RAPORU

Test Report

1/48

Müşteri / Client: LABRIS MADEN ve MAKİNA SANAYİ A.Ş.
Adres / Address: TAŞPINAR MAHALLESİ 2855. CADDE NO: 68
İmalatçı / Manufacturer: LABRIS MADEN ve MAKİNA SANAYİ A.Ş.
Deney Numunesi / Test Sample: ATA-LB5n MADENCİ BAŞ LAMBASI
Marka / Trade Mark: LABRIS
Deney Metodu / Test Method: TS EN 60598-2-4:2018
Deney Tarihi / Date of Test: 14.04.2021 - 27.05.2021
Toplam Sayfa Sayısı / Total Number of Pages: 48
Başım Tarihi / Date of Issue: 09.06.2021

Deney laboratuvarı olarak faaliyet gösteren LVT Test Laboratuvarları Ltd. Şti. TÜRKAK'tan AB-0341-T numarası ile EC6150 TS EN 17025:2017 standardına göre akredite edilmiştir.
LVT Test Laboratuvarları Ltd. Şti. accredited by TÜRKAK under registration number AB-0341-T for EC6150 TS EN 17025:2017 as test laboratory.

Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarını her zaman uluslararası Akreditasyon Birliği (IA) ile Çek Tutarlı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşmalarına sahiptir.
The Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EUA) Multilateral Agreements (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Deney ve / veya ölçüm sonuçları, gerektirilmez ölçüm belirlenimleri (ölçüm belirlenimi) ve deney metodu, bu raporun tamamıyla kesin olan bilgi olan sonuçlarıdır.
The test and / or measurements results, the uncertainties (if required) with confidence probability and test methods are given on the following pages which are part of this report.

Mühür / Seal:
Deney Sorumlusu / Person in Charge of Test: Ali GÜNGÖR ARSLANLI
Laboratuvar Müdürü / Head of Testing Laboratory: Cahit GÖKSEL

Bu rapor, Laboratuvarımızda yapıldıktan sonra imzalanmış kopyalarıyla çoğaltılabilir.
Bu rapor, Laboratuvarımızda yapıldıktan sonra imzalanmış kopyalarıyla çoğaltılabilir.
This report shall not be reproduced other than in full except with the permission of the laboratory.
This report shall not be reproduced other than in full except with the permission of the laboratory.
Tutaj: 03/06/2020



LVT Test Laboratuvarları Ltd. Şti.

www.lvt.com.tr
Saray Modern Keresteciler Sanayi Sitesi 4 Caddesi No:9
Kazım / ANKARA
Tel: 0 312 815 13 25-26 Faks: 0 312 815 13 27

DENEY RAPORU

Test Report

1/71

Müşteri / Client: LABRIS MADEN ve MAKİNA SANAYİ A.Ş.
Adres / Address: TAŞPINAR MAHALLESİ 2855. CADDE NO: 68
İmalatçı / Manufacturer: LABRIS MADEN ve MAKİNA SANAYİ A.Ş.
Deney Numunesi / Test Sample: LBRS-MBL-TSU-0 TEKLİ ŞARJ ÜNİTESİ
Marka / Trade Mark: LABRIS
Deney Metodu / Test Method: TS EN 62368-1:2020 - AC:2020 - A11:2020
Deney Tarihi / Date of Test: 03.05.2021 - 20.05.2021
Toplam Sayfa Sayısı / Total Number of Pages: 71
Başım Tarihi / Date of Issue: 21.06.2021

Deney laboratuvarı olarak faaliyet gösteren LVT Test Laboratuvarları Ltd. Şti. TÜRKAK'tan AB-0341-T numarası ile EC6150 TS EN 17025:2017 standardına göre akredite edilmiştir.
LVT Test Laboratuvarları Ltd. Şti. accredited by TÜRKAK under registration number AB-0341-T for EC6150 TS EN 17025:2017 as test laboratory.

Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarını her zaman uluslararası Akreditasyon Birliği (IA) ile Çek Tutarlı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşmalarına sahiptir.
The Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EUA) Multilateral Agreements (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Deney ve / veya ölçüm sonuçları, gerektirilmez ölçüm belirlenimleri (ölçüm belirlenimi) ve deney metodu, bu raporun tamamıyla kesin olan bilgi olan sonuçlarıdır.
The test and / or measurements results, the uncertainties (if required) with confidence probability and test methods are given on the following pages which are part of this report.

Mühür / Seal:
Deney Sorumlusu / Person in Charge of Test: Ali GÜNGÖR ARSLANLI
Laboratuvar Müdürü / Head of Testing Laboratory: Cahit GÖKSEL

Bu rapor, Laboratuvarımızda yapıldıktan sonra imzalanmış kopyalarıyla çoğaltılabilir.
Bu rapor, Laboratuvarımızda yapıldıktan sonra imzalanmış kopyalarıyla çoğaltılabilir.
This report shall not be reproduced other than in full except with the permission of the laboratory.
This report shall not be reproduced other than in full except with the permission of the laboratory.
Tutaj: 03/06/2020

+90 312 499 32 55 | info@ata-lighting.com | Taşpınar Mahallesi
İsmail Gaspıralı Caddesi No:68 Gölbaşı Ankara Türkiye



CERTIFICATES QUALITY CERTIFICATES



ATA

Enlighten the future
developed by

