



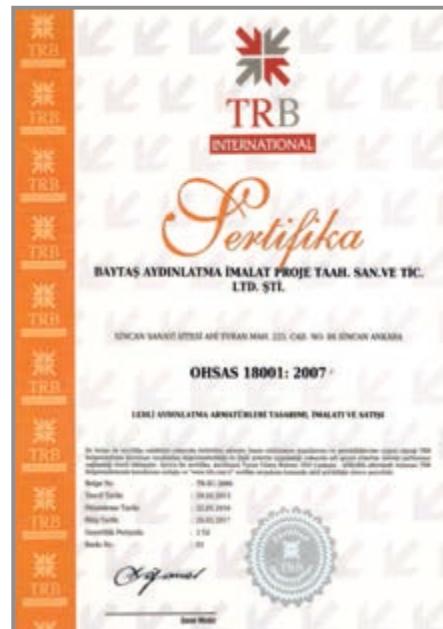
redesign
your
colour



Basım Yeri : Özbaran Ofset
Basım Tarihi : 10.Ekim.2016
Basım Adeti : 1000 adet

Kalite Sertifikalarımız

Quality Certificates



Marka Tescil Belgelerimiz

Trademark Registration Certificates



TSE Belgelerimiz

TSE Quality Certificates



Hizmet Yeterlilik Belgemiz

Service Adequacy Certificates

CE Belgemiz

CE Certificates





Certificate of Excellence

This is to certify that

Mahmut Baytas

*has won the Silver A' Design Award
in Lighting Products and Lighting Projects Design Category
in 2012 - 2013 period with design #26739.*

About The Silver A' Design Award

The Silver A' Design Award is a prestigious award given to top %5 percentile designs that has achieved an exemplary level of excellence in design. The designs are judged by a panel of three different Jury which is composed of 5 Academic, 5 Professional and 5 Focus Group Members for each different competition. The designs are evaluated with score normalization to remove any biases and are voted on aspects such as functionality, ergonomics, engineering, presentation, innovation, usability, fun details, technology, and any other specific points that could be considered, each of these points are further weighted for different jury groups.



15 April 2013, Milan / Italy.

Alessandro Deserti
PRESIDENT
A' DESIGN AWARD & COMPETITION

Francesco Murano
VICE-PRESIDENT
A' DESIGN AWARD & COMPETITION

Onur Mustak Cobanli
COORDINATOR
A' DESIGN AWARD & COMPETITION



A'DESIGN AWARD
WINNER 2013

2012-2013

Silver A'

**Lighting Design
Awards**



TITUS

Titus
by Mahmut Baytas

Lighting Fixture: Flush mount lighting fixture. While similar products use all parts encased in a single structure, this unique design which consists of three parts has various advantages: 1. As the Power Supply and the LED's are housed in different parts, LED section is protected from heating. 2. In case of any malfunctioning of any of the parts, the faulty part can easily be replaced, without dismantling the complete unit. 3. Since, there is a lid at the bottom of the fixture, mains cable can be fed into the unit through collars.

TITUS: Yere gömme aydınlatma armatürü olan bu özel ürün üç bölümden oluşmaktadır. Bu bölümlerin sağladığı avantajlar;

1. Güç kaynağı ve Ledler aynı bölgelerdedir 2. Herhangi bir müdahale gerektiğiinde diğer bölgeler apılmadan arızalı kesim vidalarından sökülebilemektedir 3. Armatürün altında bulunan klamens kapağı yardımı ile kablolar kolay şekilde birleştirilmektedir, 4. Armatür birleşenleri çok amaçlı tasarlanmış olup, bazı parçaları diğer armatür gruplarında kullanıma uygundur.

Teknik özellikler : 9x1W/12x1W Power Led olarak üretilmekte olup 50,000 saat çalışma ömrü vardır. RGB, RGBA (RF ve DMX 512) renk değiştirme sistemi ile kullanıcıya farklı alternatifler sunar. Koruma sınıfı :IP67 Çalışma gerilim aralığı: 11-240V 50Hz.



BAYTAS
LIGHTING



TR 

Hikayemiz 1996 yılında BAYTAŞ MAKİNA ve DÖKÜM SANAYİ olarak başladi. BAYTAŞ 2011 yılından itibaren 'RENGİNİ BAŞTAN YARAT' sloganı çerçevesinde Led Aydınlatma Sektöründe öncü firmalar arasında yerini almıştır.

BAYLED markası altında ürettiği güvenilir ürünleri Asya, Avrupa, Ortadoğu ve Afrika'da birçok ülkeye ihrac etmektedir.

Üretmekte olduğu ürünlerin yüzde yüz kendi tasarımları olmasına özen gösteren ve imalatını yaptığı her ürün için Endüstriyel Tasarım Tescillerini alan firmamız her geçen gün ürün gamını ve güvenilirliğini artırmaktadır.

Bünyesinde bulunan kaliphaneinde son teknoloji işleme merkezleri (CNC), plastik enjeksiyon makinaları ve yardımcı universal makina ve tezgahları ile hatalı imalat için AR-GE ve kalıp çalışmalarına her geçen gün yenisini ekleyerek devam etmektedir.

İlk günden itibaren ilke edinip, çalışmalarını aralıksız sürdürdüğü ISO 9001 KALİTE YÖNETİM SİSTEMİ ile müşteri memnuniyeti odaklı ürün geliştirme ve imalatı ile rakiplerinden ayrılan Baytaş Aydınlatma 2016 yılına kadar 15 den fazla Avrupa ve Ortadoğu ülkesine imalat hacminin %70'i oranında ihracat yapmayı hedeflemektedir.

Baytaş Aydınlatma ürün kalitesi ve vizyonu ile sektöründe en tepede yer almayı hedefleyen, uzmanlaşmış kadrosu, hızla büyuyen hacmi ve güvenilir ürünleri ile her daim müşterilerimizin ve sektörün hizmetinde olmaya devam edecektir.

ENG 

Story of Baytaş started in 1996, Ankara, Turkey. Following years Baytaş has became a leading company through the LED sector based on the motto, "RE-CREATE YOUR COLOURS" since 2003.

Bayled exports the Reliable Products manufactured to many countries in Asia, Europe, the Middle East, and Africa.

Taking extreme care in manufacturing only the registered products elaborately designed by us, our company continues to increase its number of products and to increase its customers' trust.

We continue to increase our efforts in our R&D department to produce flawless moulds using latest technology CNC machining centres, plastic extrusion machines, as well as high accuracy universal machine tools.

Distinguished from its competitors by QUALITY MANAGEMENT SYSTEM implemented from the very first day, aiming at developing and manufacturing customer satisfaction focused products, Baytaş Lighting aims at 70% of its output to over 15 European and Middle Eastern countries by 2016.

Aiming at being on the top of the sector, Baytaş Lighting will continue to serve its customers and the sector through its highly specialized personnel, fast growing range and reliable product range.

Baytaş Aydınlatma is a member of AGID – Lighting Devices Manufacturers Association and Turkish National Committee On Illumination.



 **BAYLED**
REDESIGN YOUR COLOUR

 **BAYLIGHT**
REDESIGN YOUR COLOUR

Baytaş Aydınlatma "AYDINLATMA GEREÇLERİ İMALATÇILARI DERNEĞİ (AGİD)" üyesidir.

Baytaş Aydınlatma "AYDINLATMA TÜRK MİLLİ KOMİTESİ (ATMK)" üyesidir.



TR



ENG



Kalite Politikamız

- Ulaştığımız tüm müşterilerimizin ihtiyaçlarını karşılayarak müşteri memnuniyetinin sürekliliğini garanti etmek ve memnuniyet oranını artırmak.
- Tüm çalışanlarımızın katılımını sağlayarak, tüm işleri ilk seferinde ve her seferinde tam zamanında hatalız yapmak.
- Sürekli eğitim, gelişim, iyileştirme için çalışanlarımızın bir ekip ruhu içerisinde dürüst, hoşgörülü, saygılı ve özverili çalışma ortamının hazırlanmasını sağlamak.
- Gelişmiş teknolojiyi yakında takip ederek en iyi ürünü en hesaplı şekilde üretmek.
- İç ve dış pazarda oluşturduğumuz 'iyi kalitelü ürün' kabulümüzün sürekliliğini sağlayacak çalışmalarda bulunmak.
- Üretim ve ürün çeşitliliği kapasitemizi artırmak.
- İmal etmiş olduğumuz ürünlerde ve proseslerde (yazılım, mühendislik, fizik ve laboratuvar analizleri ile) iyi kalitenin yanı sıra 'Güvenli Ürün' üretimini garanti etmek.

Şirketimizin Kalite Politikasıdır.

Our Quality Policy

- Is to ensure sustainability of customer satisfaction by meeting the needs of all customers that we can reach and to increase customer satisfaction,
- To complete our tasks the first time and just in time each time, by involving all our personnel,
- To provide an honest, tolerant, respected and devoted working environment for our personnel work in a team spirit, through sustained training, development and improvement,
- To manufacture each item in the most cost efficient way, following closely the latest developments in technology,
- To work towards sustaining our "good quality product" image formed in domestic and international markets,
- To increase our capacity of production and range of products,
- To ensure "Reliable Products" manufacturing, as well as achieving good quality for all our products and processes (through software, engineering, physical tests and laboratory analysis).



Ankara



Ankara



Bursa



INDEKS / INDEX

DUVAR BOYAMA / WALLWASHER



ECHO



NOVA



VEGA



LEXA

PROJEKTÖR / PROJECTORS



ALYA



RIVA



ASTRA



SIRUS



SIRUS L

YÜKSEK TAVAN / HIGHBAY



CIRCLE Highbay



ALYA Highbay

SIVA ÜSTÜ SPOT / FLOODLIGHTS



DIO



MIRA



NERO



RIO

ANKASTRE / IN GROUND



ANKA



ASPEN



TITUS



COSMO



LIBRA

DUVAR ANKASTRE / WALL RECESSED



GALENA

SU ALTI SPOT / UNDERWATER



ORCA 3



ORCA 9



ORCA 18/ORCA PAR56

ÇİZGİSEL AYDINLATMA / LED BARS



LED BAR 1



LED BAR 2



LED BAR 3



LED BAR 4

SOKAK AYDINLATMA / STREET LIGHTING



SIRUS STL



BLIGHT S



BLIGHT L

ŞEHİR AYDINLATMA / URBAN LIGHTING



STAR 60



SOBEK



AMON

BOLARD / BOLLARDS



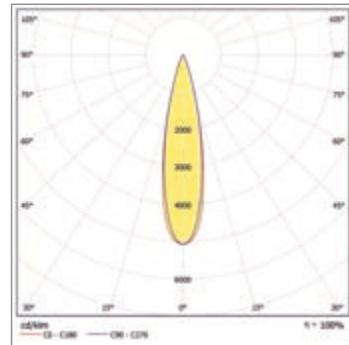
VERMA



SLIM 80

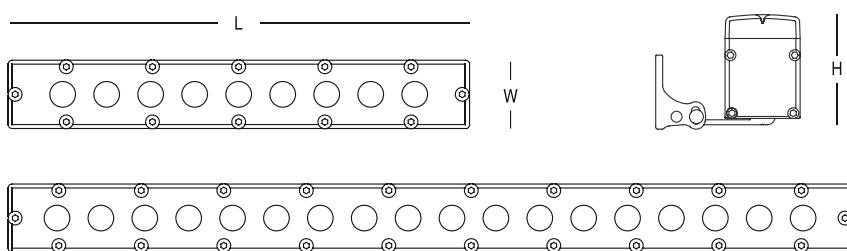


ECHO



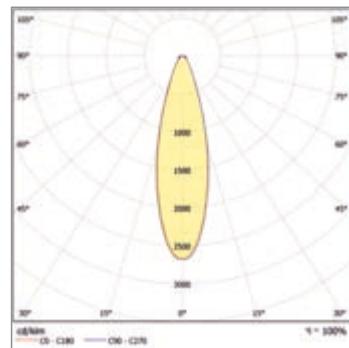
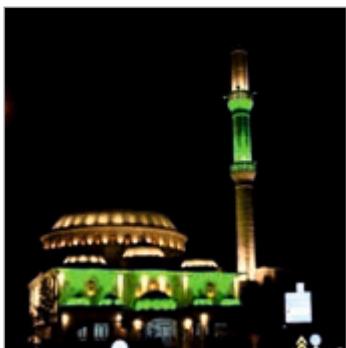
ECHO

TR		EN			
Ürün Tipi	25cm 50cm	9-10 x 1W 350mA 18-20 x 1W 350mA	Led Quantity	25cm 50cm	9-10 x 1W 350mA 18-20 x 1W 350mA
Led Türü	Power LED / Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant		
Giriş Voltajı	170-240V AC / 50-60Hz	Input Voltage	170-240V AC / 50-60Hz		
CRI	Ra > 80	CRI	Ra > 80		
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White, Warm White, Natural White, Red, Green, Blue, Amber		
Lümen	10x1W (CW=1400 NW=1200 WW=1100) 20x1W (CW=2800 NW=2400 WW=2200)	Light Output	10x1W (CW=1400 NW=1200 WW=1100) 20x1W (CW=2800 NW=2400 WW=2200)		
Lens Dereceleri	25° - 40° - 60° - 80°	Optics	25° - 40° - 60° - 80°		
Ölçü (mm)	L:250mm - H:52mm - W:37mm L:480mm - H:52mm - W:37mm	Dimensions (mm)	L:250mm - H:52mm - W:37mm L:480mm - H:52mm - W:37mm		
Ağırlık (Kg)	0,56Kg 1,07Kg	Weight(Kg)	0,56Kg 1,07Kg		
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar, silikon conta.	Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone rubber gaskets.		
Cam	5mm polikarbon cam	Glass	5mm polycarbonate glass		
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current		
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C		
Koruma Sınıfı	IP 54	Insulation Class	IP 54		
Elektrik Sınıfı	Class II	Electrical Class	Class II		
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04		



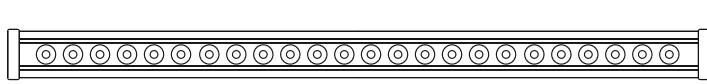
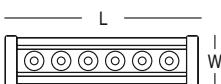


NOVA

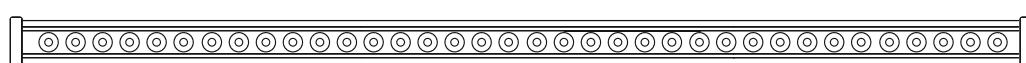


NOVA

TR		EN			
Ürün Tipi	25cm 50cm 95cm 135cm	6 x 1W 350mA 12 x 1W 350mA 24 x 1W 350mA 36 x 1W 350mA	Product Type	25cm 50cm 95cm 135cm	6 x 1W 350mA 12 x 1W 350mA 24 x 1W 350mA 36 x 1W 350mA
Led Türü	Power LED / Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant		
Giriş Voltajı	110-240V AC / 50-60Hz	Input Voltage	110-240V AC / 50-60Hz		
CRI	Ra > 80	CRI	Ra > 80		
Led Renkleri	Beyaz, İlk Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White, Warm White, Natural White, Red, Green, Blue, Amber		
Lümen	6x1W (CW=840 - NW=720 WW=660) 12x1W (CW=1680 - NW=1440 WW=1320) 24x1W (CW=3360 - NW=2880 WW=2460) 36x1W (CW=5040 - NW=4320 WW=3960)	Light Output	6x1W (CW=840 - NW=720 WW=660) 12x1W (CW=1680 - NW=1440 WW=1320) 24x1W (CW=3360 - NW=2880 WW=2460) 36x1W (CW=5040 - NW=4320 WW=3960)		
Lens Dereceleri	10° - 25° - 40° - 60° - 80°	Optics	10° - 25° - 40° - 60° - 80°		
Ölçü (mm)	L:250mm - H:80mm - W:60mm L:500mm - H:80mm - W:60mm L:950mm - H:80mm - W:60mm L:1350mm - H:80mm - W:60mm	Dimensions (mm)	L:250mm - H:80mm - W:60mm L:500mm - H:80mm - W:60mm L:950mm - H:80mm - W:60mm L:1350mm - H:80mm - W:60mm		
Ağırlık (Kg)	0,95Kg 1,80Kg 3,25Kg 4,80Kg	Weight(Kg)	0,95Kg 1,80Kg 3,25Kg 4,80Kg		
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar, silikon conta.	Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone rubber gaskets.		
Cam	5mm temperli cam	Glass	5mm tempered glass		
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current		
Çalışma Sıcaklığı	-25°C / +45°C	Operation Teperature	-25°C / +45°C		
Koruma Sınıfı	IP 66	Insulation Class	IP 66		
Darbe Direnci	IK 08	Impact Resistance	IK 08		
Elektrik Sınıfı	Class I	Electrical Class	Class I		
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04		

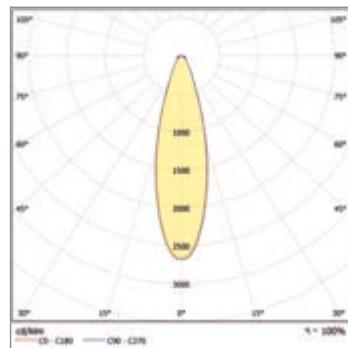
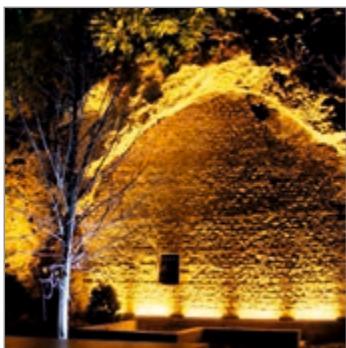


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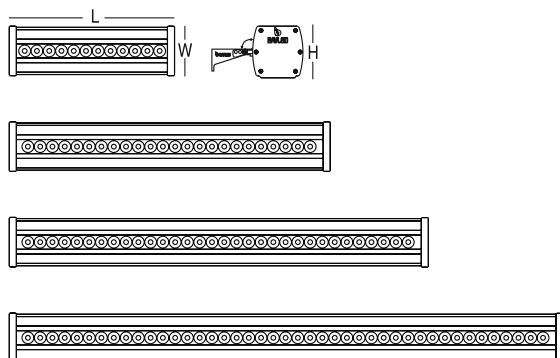


VEGA



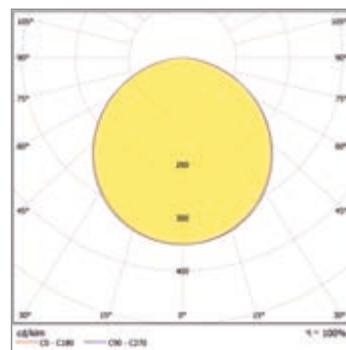
VEGA

TR		EN	
Ürün Tipi	35cm 12 x 1W - 2W - 3W 70cm 24 x 1W - 2W - 3W 100cm 36 x 1W - 2W - 3W 130cm 48 x 1W - 2W - 3W	Product Type	35cm 12 x 1W - 2W - 3W 70cm 24 x 1W - 2W - 3W 100cm 36 x 1W - 2W - 3W 130cm 48 x 1W - 2W - 3W
Led Türü	Power LED / Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	110-240V AC / 50-60Hz	Input Voltage	110-240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White, Warm White, Natural White, Red, Green, Blue, Amber
Lümen	12 x 1W (CW = 1680 - NW1440 - WW1320) 12 x 3W (CW = 3180 - NW2736 - WW2508) 24 x 1W (CW = 3360 - NW2880 - WW2640) 24 x 3W (CW = 6360 - NW5472 - WW5016) 36 x 1W (CW = 5040 - NW4320 - WW3960) 36 x 3W (CW = 9360 - NW8200 - WW7524) 48 x 1W (CW = 6720 - NW5760 - WW5280) 48 x 3W (CW = 12760 - NW10944 - WW10032)	Light Output	12 x 1W (CW = 1680 - NW1440 - WW1320) 12 x 3W (CW = 3180 - NW2736 - WW2508) 24 x 1W (CW = 3360 - NW2880 - WW2640) 24 x 3W (CW = 6360 - NW5472 - WW5016) 36 x 1W (CW = 5040 - NW4320 - WW3960) 36 x 3W (CW = 9360 - NW8200 - WW7524) 48 x 1W (CW = 6720 - NW5760 - WW5280) 48 x 3W (CW = 12760 - NW10944 - WW10032)
Lens Dereceleri	10° - 25° - 40° - 60° - 80°	Optics	10° - 25° - 40° - 60° - 80°
Ölçü (mm)	L:350mm - H:100mm - W:96mm L:700mm - H:100mm - W:96mm L:1000mm - H:100mm - W:96mm L:1300mm - H:100mm - W:96mm	Dimensions (mm)	L:350mm - H:100mm - W:96mm L:700mm - H:100mm - W:96mm L:1000mm - H:100mm - W:96mm L:1300mm - H:100mm - W:96mm
Ağırlık (Kg)	2.1Kg 3.9Kg 5.7Kg 6.4Kg	Weight(kg)	2.1Kg 3.9Kg 5.7Kg 6.4Kg
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar, silikon contası.	Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone rubber gaskets.
Cam	5mm temperli cam	Glass	5mm tempered glass
Kontrol Sistemleri	RGB (RF, DMX512) - RGBW (RF, DMX512)	Control Systems	RGB (RF, DMX512) - RGBW (RF, DMX512)
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP 66	Insulation Class	IP 66
Darbe Direnci	IK 08	Impact Resistance	IK 08
Elektrik Sınıfı	Class I	Electrical Class	Class I
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



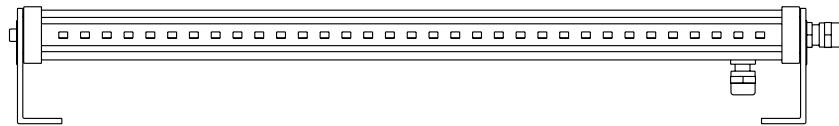
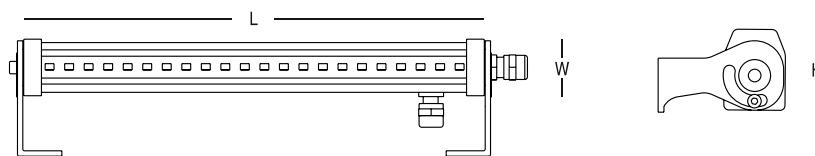


LEXA



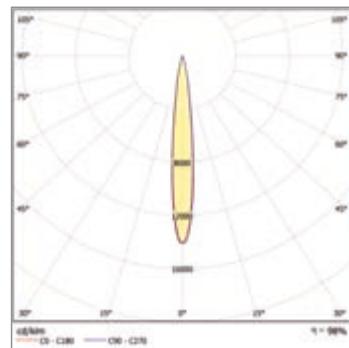
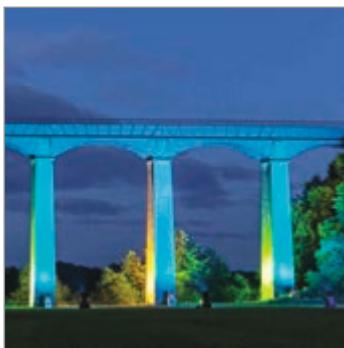
LEXA

TR		EN			
Ürün Tipi	60cm 100cm	12W 22xMid-Power LEDs 18W 33xMid-Power LEDs	Product Type	60cm 100cm	12W 22xMid-Power LEDs 18W 33xMid-Power LEDs
Led Türü	Power LED / Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant		
Giriş Voltajı	170-240V AC / 50-60Hz	Input Voltage	170-240V AC / 50-60Hz		
CRI	Ra > 80	CRI	Ra > 80		
Led Renkleri	İlk Beyaz, Naturel Beyaz, Soğuk Beyaz	Led Colors	Warm White, Natural White, Cold White		
Lümen	60cm (3000K: 1580Lm - 4000K: 1695Lm-5000K: 1780Lm - 6500K: 1720Lm) 100cm (3000K: 2376Lm - 4000K: 2540Lm-5000K: 2670Lm - 6500K: 2575Lm)	Light Output	60cm (3000K: 1580Lm - 4000K: 1695Lm-5000K: 1780Lm - 6500K: 1720Lm) 100cm (3000K: 2376Lm - 4000K: 2540Lm-5000K: 2670Lm - 6500K: 2575Lm)		
Lens Dereceleri	120°	Optics	120°		
Ölçü (mm)	L:600mm - H:39mm - W:28mm L:1000mm - H:39mm - W:28mm	Dimensions (mm)	L:600mm - H:39mm - W:28mm L:1000mm - H:39mm - W:28mm		
Ağırlık (Kg)	0.500Kg 0.750Kg	Weight(kg)	0.500Kg 0.750Kg		
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar, silikon koruma.	Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone sealing.		
Cam	Difüzör	Glass	Diffuser		
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current		
Çalışma Sıcaklığı	-25°C / +45°C	Operation Teperature	-25°C / +45°C		
Koruma Sınıfı	IP 20 / IP66	Insulation Class	IP 66		
Darbe Direnci	IK 08	Impact Resistance	IK 08		
Elektrik Sınıfı	Class II	Electrical Class	Class II		
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04		



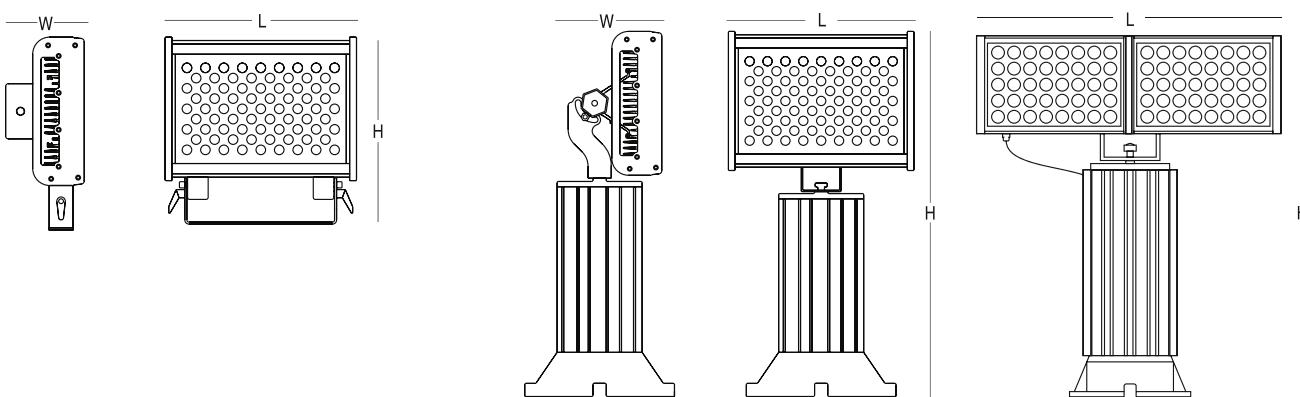


ALYA



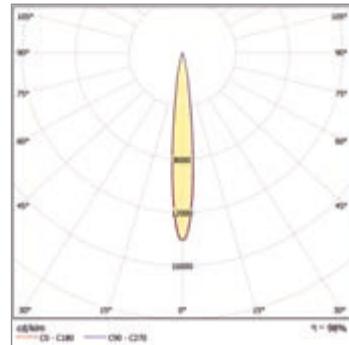
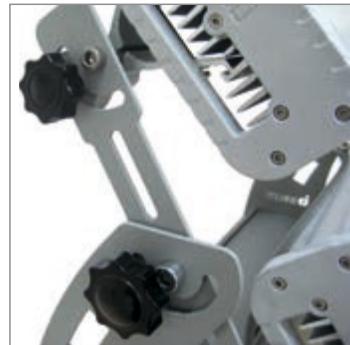
ALYA

TR			EN		
Ürün Tipi	25cm 25cm 50cm	36 x 1W - 2W (350mA - 500mA) 72 x 1W - 2W (350mA - 500mA) 72 x 1W - 2W (350mA - 500mA)	Product Type	25cm 25cm 50cm	36 x 1W - 2W (350mA - 500mA) 72 x 1W - 2W (350mA - 500mA) 72 x 1W - 2W (350mA - 500mA)
Led Türü	Power LED / Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant		
Giriş Voltajı	170V - 240V AC / 50-60Hz	Input Voltage	170V - 240V AC / 50-60Hz		
CRI	Ra > 80	CRI	Ra > 80		
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber		
Lümen	36 x 1W (CW = 5040 - NW = 4320 - WW = 3960 Lm) 72 x 1W (CW = 10080 - NW = 8640 - WW = 7920 Lm) 72 x 2W (CW = 14400 - NW = 12240 - WW = 10800 Lm)	Light Output	36 x 1W (CW = 5040 - NW = 4320 - WW = 3960 Lm) 72 x 1W (CW = 10080 - NW = 8640 - WW = 7920 Lm) 72 x 2W (CW = 14400 - NW = 12240 - WW = 10800 Lm)		
Lens Dereceleri	10° - 25° - 40° - 60° - 80°	Optics	10° - 25° - 40° - 60° - 80°		
Ölçü (mm)	25cm L: 282mm - H: 320mm 25cm L: 282mm - H: 570mm 50cm L: 522mm - H: 570mm	Dimensions (mm)	25cm L: 282mm - H: 320mm 25cm L: 282mm - H: 570mm 50cm L: 522mm - H: 570mm		
Ağırlık (Kg)	25cm 36Led 4,7kg 25cm 72Led 7,3kg 50cm 72Led 9,7kg	Weight(Kg)	25cm 36Led 4,7kg 25cm 72Led 7,3kg 50cm 72Led 9,7kg		
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar, silikon conta.	Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone rubber gaskets.		
Cam	5mm Temperli Cam	Glass	5mm Tempered Glass		
Kontrol Sistemleri	RGB (RF, DMX512) - RGBW (RF, DMX512)	Control Systems	RGB (RF, DMX512) - RGBW (RF, DMX512)		
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current		
Çalışma Sıcaklığı	-25°C / +45°C	Operation Teperature	-25°C / +45°C		
Koruma Sınıfı	IP66	Insulation Class	IP 66		
Darbe Direnci	IK 08	Impact Resistance	IK 08		
Elektrik Sınıfı	Class I	Electrical Class	Class I		
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04		



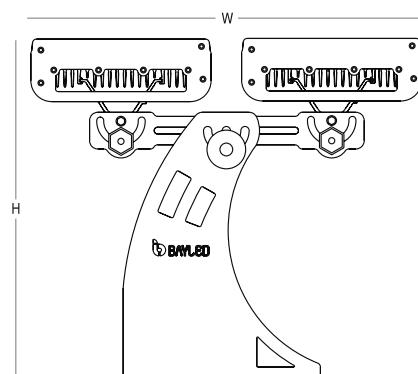


RIVA



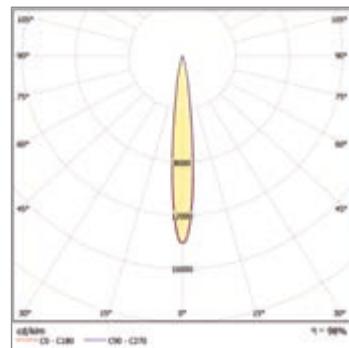
RIVA

TR	EN
Ürün Tipi	144 x 1W - 2W - 3W
Led Türü	Power LED / Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu
Giriş Voltajı	170V - 240V AC / 50-60Hz
CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber
Lümen	144 x 1W (CW = 20160 - NW = 17280 - WW = 15840 Lm) 144 x 2W (CW = 30240 - NW = 27360 - WW = 18000 Lm) 144 x 3W (CW = 36860 - NW = 31680 - WW = 28800 Lm)
Lens Dereceleri	10° - 25° - 40° - 60° - 80°
Ölçü (mm)	L:582mm - H:650mm - W:660mm
Ağırlık (Kg)	14,5Kg
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar, silikon conta.
Cam	5mm Temperli Cam
Kontrol Sistemleri	RGB (RF, DMX512) - RGBW (RF, DMX512)
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı
Çalışma Sıcaklığı	-25°C / +45°C
Koruma Sınıfı	IP66
Darbe Direnci	IK 08
Elektrik Sınıfı	Class I
Uygunluk	EN60598-1:2009-04
Product Type	144 x 1W - 2W - 3W
Led Type	Power LED / Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Input Voltage	170V - 240V AC / 50-60Hz
CRI	Ra > 80
Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Light Output	144 x 1W (CW = 20160 - NW = 17280 - WW = 15840 Lm) 144 x 2W (CW = 30240 - NW = 27360 - WW = 18000 Lm) 144 x 3W (CW = 36860 - NW = 31680 - WW = 28800 Lm)
Optics	10° - 25° - 40° - 60° - 80°
Dimensions (mm)	L:582mm - H:650mm - W:660mm
Weight(Kg)	14,5Kg
Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone rubber gaskets.
Glass	5mm Tempered Glass
Control Systems	RGB (RF, DMX512) - RGBW (RF, DMX512)
Power Supply	Constant current
Operation Teperture	-25°C / +45°C
Insulation Class	IP 66
Impact Resistance	IK 08
Electrical Class	Class I
Conformity	EN60598-1:2009-04





ASTRA



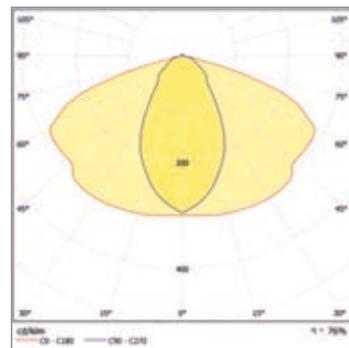
ASTRA

TR		EN	
Ürün Tipi	144 x 1W - 2W - 3W	Product Type	144 x 1W - 2W - 3W
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	170V - 240V AC / 50-60Hz	Input Voltage	170V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen	144 x 1W (CW = 20160 - NW = 17280 - WW = 15840 Lm) 144 x 2W (CW = 30240 - NW = 27360 - WW = 18000 Lm) 144 x 3W (CW = 36860 - NW = 31680 - WW = 28800 Lm)	Light Output (lm)	144 x 1W (CW = 20160 - NW = 17280 - WW = 15840 Lm) 144 x 2W (CW = 30240 - NW = 27360 - WW = 18000 Lm) 144 x 3W (CW = 36860 - NW = 31680 - WW = 28800 Lm)
Lens Dereceleri	10° - 25° - 40° - 60° - 80°	Optics	10° - 25° - 40° - 60° - 80°
Ölçü (mm)	L:582mm - H:650mm - W:660mm	Dimensions (mm)	L:582mm - H:650mm - W:660mm
Ağırlık (Kg)	14,5Kg	Weight (Kg)	14,5Kg
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar, silikon konta.	Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone rubber gaskets.
Difüzör	5mm Temperli Cam	Diffuser	5mm Tempered Glass
Kontrol Sistemleri	1-10V DIM, DALI	Control Systems	1-10V DIM, DALI
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP66	Insulation Class	IP 66
Darbe Direnci	IK 08	Impact Resistance	IK 08
Elektrik Sınıfı	Class I	Electrical Class	Class I
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



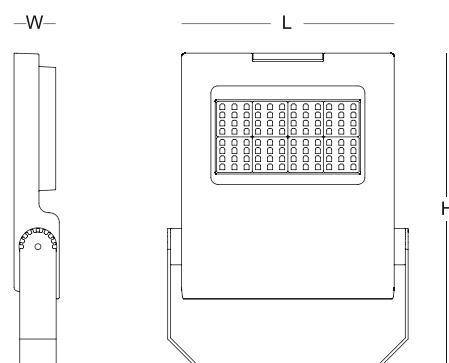


SIRUS



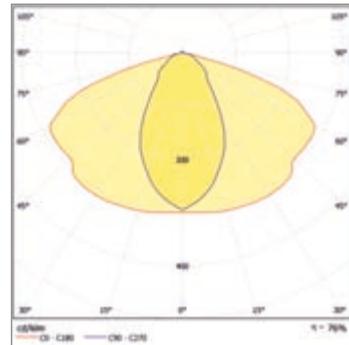
SIRUS

TR		EN	
Ürün Tipi	50W 70W 100W 120W	Product Type	50W 70W 100W 120W
Led Türü	Power LED / Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	100-240V AC / 50-60Hz	Input Voltage	100-240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz	Led Colors	White, Warm White, Natural White
Lümen	50W (CW = 7000 - NW = 6000 - WW = 5500) 70W (CW = 10500 - NW = 9000 - WW = 8250) 100W (CW = 14000 - NW = 12000 - WW = 11000) 120W (CW = 16800 - NW = 14400 - WW = 13200)	Light Output (lm)	50W (CW = 7000 - NW = 6000 - WW = 5500) 70W (CW = 10500 - NW = 9000 - WW = 8250) 100W (CW = 14000 - NW = 12000 - WW = 11000) 120W (CW = 16800 - NW = 14400 - WW = 13200)
Lens Dereceleri	130°x50° - 40° - 60° - 90° - 30°x50°(Asimetrik)	Optics	130°x50° - 40° - 60° - 90° - 30°x50°(Assymetric)
Ölçü (mm)	L:300mm - H:450mm - W:65mm	Dimensions (mm)	L:300mm - H:450mm - W:65mm
Ağırlık (Kg)	6,00Kg	Weight (Kg)	6,00Kg
Materyal	Elektrostatik toz boyalı alüminyum gövde, paslanmaz çelik cıvatalar, silikon conta, aletsiz açılabilme özelliği, mükemmel ısı yönetimi	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets. Hinge and lock system for easy access without need of any tool, exceptional heat management
Difüzör	5mm temperli cam	Diffuser	5mm tempered glass
Kontrol Sistemleri	1-10V DIM, DALI, 2 step DIM	Control Systems	1-10V DIM, DALI, 2 step DIM
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP 66	Insulation Class	IP 66
Darbe Direnci	IK 09	Impact Resistance	IK 09
Elektrik Sınıfı	Class I	Electrical Class	Class I
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



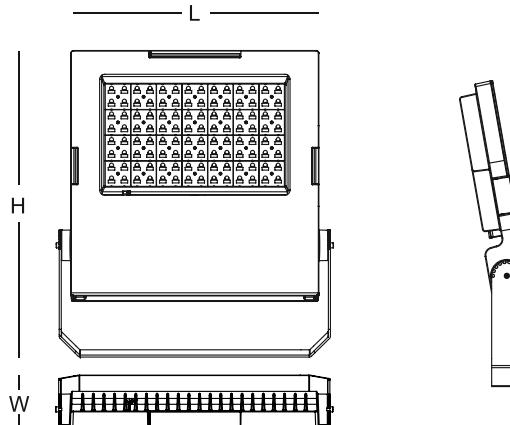


SIRUS L



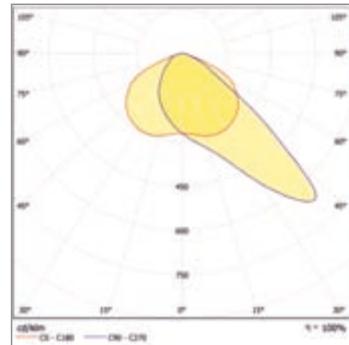
SIRUS L

TR		EN	
Ürün Tipi	SIRUS L 150W SIRUS L 200W SIRUS L 250W SIRUS L 300W SIRUS L 320W SIRUS L 350W	Product Type	SIRUS L 150W SIRUS L 200W SIRUS L 250W SIRUS L 300W SIRUS L 320W SIRUS L 350W
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	110V - 240V AC / 50-60 HZ	Input Voltage	110V - 240V AC / 50-60 HZ
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Soğuk Beyaz, İkkilik Beyaz, Naturel Beyaz	Led Colors	Cold White, Warm White, Natural White
Lümen	150W (CW = 21000 - NW = 18000 - WW = 16500) 200W (CW = 28000 - NW = 24000 - WW = 22000) 250W (CW = 35000 - NW = 30000 - WW = 27500) 300W (CW = 42000 - NW = 36000 - WW = 33000) 320W (CW = 49000 - NW = 42000 - WW = 38500) 350W (CW = 50400 - NW = 50000 - WW = 49000)	Light Output (lm)	150W (CW = 21000 - NW = 18000 - WW = 16500) 200W (CW = 28000 - NW = 24000 - WW = 22000) 250W (CW = 35000 - NW = 30000 - WW = 27500) 300W (CW = 42000 - NW = 36000 - WW = 33000) 320W (CW = 49000 - NW = 42000 - WW = 38500) 350W (CW = 50400 - NW = 50000 - WW = 49000)
Lens Dereceleri	40° - 60° - 90° - 30°x50°(Asimetrik)	Optics	40° - 60° - 90° - 30°x50°(Assymetric)
Ölçü (mm)	H: 604 L:490 W:70	Dimensions (mm)	H: 604 L:490 W:70
Ağırlık (Kg)	14.5Kg	Weight(Kg)	14.5Kg
Materyal	Elektrostatik toz boyalı, alüminyum enjeksiyon gövde	Materials	Powder coated die cast aluminium housing with stainless steel screws
Difüzör	5mm temperli cam	Diffuser	5mm tempered glass
Kontrol Sistemleri	1-10V DIM, DALI, 2 step DIM	Control Systems	1-10V DIM, DALI, 2 step DIM
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sicaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP 66	Insulation Class	IP 66
Darbe Direnci	IK 08	Impact Resistance	IK 08
Elektrik Sınıfı	Class I	Electrical Class	Class I
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



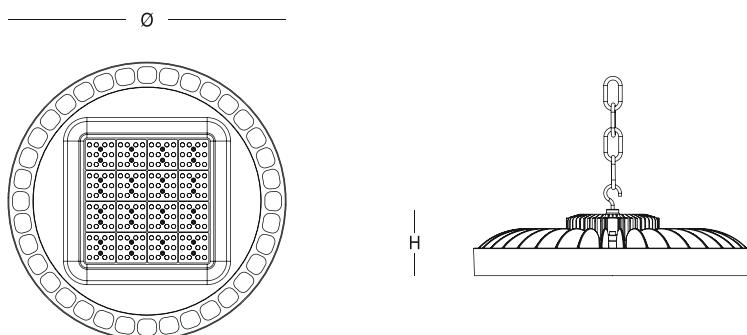


CIRCLE Highbay



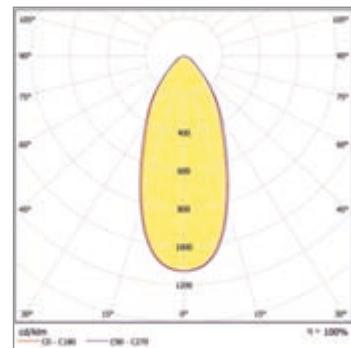
CIRCLE Highbay

TR	EN
Ürün Tipi	HIGH BAY 100W HIGH BAY 150W HIGH BAY 200W HIGH BAY 250W
Led Türü	Power LED / Mid Power Yüksek verimli LEDler 3000K 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu
Giriş Voltajı	100V - 240V AC / 50-60Hz
CRI	Ra > 80
Lens Dereceleri	40° - 60° - 90° - 30x50°(Asimetrik)
Led Renkleri	İlk beyaz, Naturel beyaz, Soğuk beyaz
Lümen (lm)	100W (CW = 14000 / NW = 12000 / WW = 11000) 150W (CW = 21000 / NW = 18000 / WW = 16500) 200W (CW = 28000 / NW = 24000 / WW = 22000) 250W (CW = 35000 / NW = 30000 / WW = 27500)
Ölçü (mm)	Ø 453 H:110 mm
Ağırlık (Kg)	9.8 Kg
Materyal	Elektrostatik toz boyalı alüminyum gövde, paslanmaz çelik civatalar silikon conta
Difüzör	5mm Temperli Cam
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı
Kontrol Sistemleri	1-10V DIM, DALI
Çalışma Sıcaklığı	-25°C / +50°C
Koruma Sınıfı	IP 66
Darbe Direnci	IK 09
Elektrik Sınıfı	Class II
Uygunluk	EN60598-1:2009-04
Product Type	HIGH BAY 100W HIGH BAY 150W HIGH BAY 200W HIGH BAY 250W
Led Type	Power LED / Mid Power High efficiency LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Input Voltage	100V - 240V AC / 50-60Hz
CRI	Ra > 80
Optics	40° - 60° - 90° - 30x50°(Asymmetric)
Led Colors	Warm White, Naturel White, Cold White
Light Output (lm)	100W (CW = 14000 / NW = 12000 / WW = 11000) 150W (CW = 21000 / NW = 18000 / WW = 16500) 200W (CW = 28000 / NW = 24000 / WW = 22000) 250W (CW = 35000 / NW = 30000 / WW = 27500)
Dimensions (mm)	Ø 453 H:110 mm
Weight (Kg)	9.8 Kg
Materials	Powder coated aluminium housing with stainless steel screws and silicone rubber gaskets
Diffuser	5mm Tempered Glass
Power Supply	Constant current
Control Systems	1-10V DIM, DALI
Operation Temperature	-25°C / +50°C
Insulation Class	IP 66
Impact Resistance	IK 09
Electrical Class	Class II
Conformity	EN60598-1:2009-04



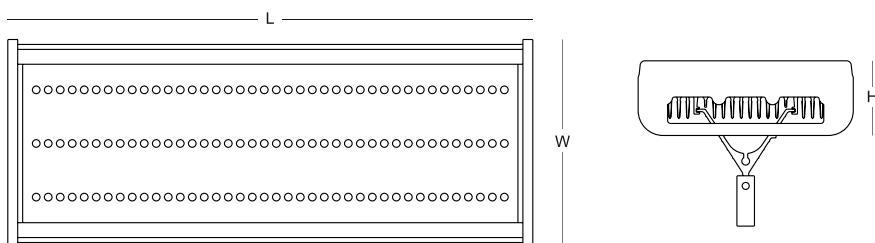


ALYA Highbay



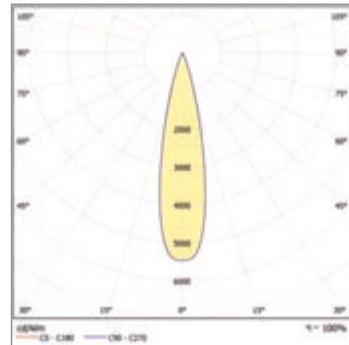
ALYA Highbay

TR		EN	
Ürün Tipi	ALYA Highbay 75W ALYA Highbay 100W ALYA Highbay 125W ALYA Highbay 150W	Product Type	ALYA Highbay 75W ALYA Highbay 100W ALYA Highbay 125W ALYA Highbay 150W
Led Türü	Power LED / Mid Power Yüksek verimli LEDler 3000K, 4000K, 5000K, 6500K CCT toleransi ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	100V - 240V AC / 50-60Hz	Input Voltage	100V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz,	Led Colors	White, Warm White, Natural White
Lümen	75W (CW = 10500 NW = 9000 WW = 8250) 100W (CW = 14000 NW = 12000 WW = 11000) 120W (CW = 16800 NW = 14400 WW = 13200) 150W (CW = 21000 NW = 18000 WW = 16500)	Light Output (lm)	75W (CW = 10500 NW = 9000 WW = 8250) 100W (CW = 14000 NW = 12000 WW = 11000) 120W (CW = 16800 NW = 14400 WW = 13200) 150W (CW = 21000 NW = 18000 WW = 16500)
Lens Dereceleri	80°	Optics	80°
Ölçü (mm)	L:605mm - H:65mm - W:300mm	Dimensions (mm)	L:605mm - H:65mm - W:300mm
Ağırlık (Kg)	5,00 Kg	Weight (Kg)	5,00 Kg
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar, silikon conta.	Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone rubber gaskets.
Difüzör	5mm Temperli Cam	Diffuser	5mm Tempered Glass
Kontrol Sistemleri	1 - 10V DIM, DALI	Control Systems	1 - 10V DIM, DALI
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP66	Insulation Class	IP 66
Darbe Direnci	IK 08	Impact Resistance	IK 08
Elektrik Sınıfı	Class II	Electrical Class	Class II



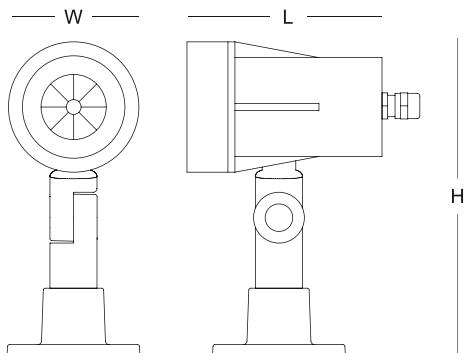


D10



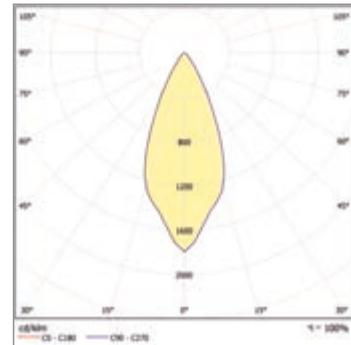
DIO

TR		EN	
Ürün Tipi	1 x 1W - 1 x 3W	Product Type	1 x 1W - 1 x 3W
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransi ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	170V - 240V AC / 50-60Hz	Input Voltage	170V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen	1 x 1W (CW = 140Lm - NW = 120Lm - WW = 100Lm) 1 x 3W (CW = 240Lm - NW = 210Lm - WW = 180Lm)	Light Output (lm)	1 x 1W (CW = 140Lm - NW = 120Lm - WW = 100Lm) 1 x 3W (CW = 240Lm - NW = 210Lm - WW = 180Lm)
Lens Dereceleri	15° - 25° - 40°	Optics	15° - 25° - 40°
Ölçü (mm)	H: 160mm - W: 120mm	Dimensions (mm)	H: 160mm - W: 120mm
Ağırlık (Kg)	0,48Kg	Weight(Kg)	0,48Kg
Materyal	Elektrostatik toz boyalı enjeksiyon alüminyum gövde, paslanmaz çelik civatalar, silikon conta.	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets.
Difüzör	3mm Temperli Cam	Diffuser	3mm Tempered Glass
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP66	Insulation Class	IP 66
Elektrik Sınıfı	Class I	Electrical Class	Class I
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



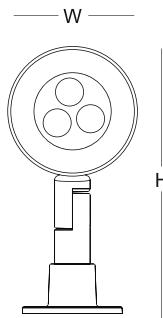


MIRA



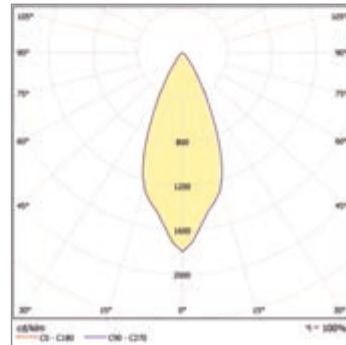
MIRA

TR		EN	
Ürün Tipi	3 x 1W	Product Type	3 x 1W
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	170V - 240V AC / 50-60Hz	Input Voltage	170V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen	3W (CW = 420 Lm - NW = 360 Lm - WW = 330 Lm)	Light Output (lm)	3W (CW = 420 Lm - NW = 360 Lm - WW = 330 Lm)
Lens Dereceleri	15° - 25° - 40°	Optics	15° - 25° - 40°
Ölçü (mm)	H: 190mm - W: 92mm	Dimensions (mm)	H: 190mm - W: 92mm
Ağırlık (Kg)	0,75Kg	Weight(Kg)	0,75Kg
Materyal	Elektrostatik toz boyalı enjeksiyon alüminyum gövde, paslanmaz çelik civatalar, silikon conta.	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets.
Difüzör	3mm Polikarbon	Diffuser	3mm Polycarbonate
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP66	Insulation Class	IP 66
Elektrik Sınıfı	Class I	Electrical Class	Class I
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04





NERO



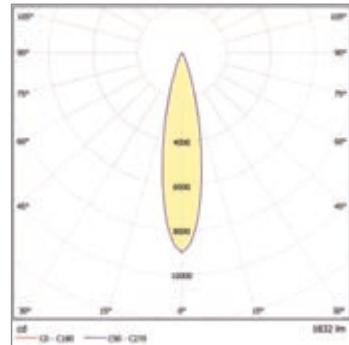
NERO

TR		EN	
Ürün Tipi	9 x 1W	Product Type	9 x 1W
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	110V - 240V AC / 50-60Hz	Input Voltage	110V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen	9 x 1W (CW = 1260 Lm - NW = 1080 Lm - WW = 990 Lm)	Light Output (lm)	9 x 1W (CW = 1260 Lm - NW = 1080 Lm - WW = 990 Lm)
Lens Dereceleri	30° - 50°	Optics	30° - 50°
Ölçü (mm)	H: 350mm - W: 75mm - Ø: 145mm	Dimensions (mm)	H: 350mm - W: 75mm - Ø: 145mm
Ağırlık (Kg)	1,65Kg	Weight(Kg)	1,65Kg
Materyal	Elektrostatik toz boyalı enjeksiyon alüminyum gövde, paslanmaz çelik civatalar, silikon conta.	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets.
Difüzör	3mm Polikarbon	Diffuser	3mm Polycarbonate
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP66	Insulation Class	IP 66
Elektrik Sınıfı	Class I	Electrical Class	Class I
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04





RIO



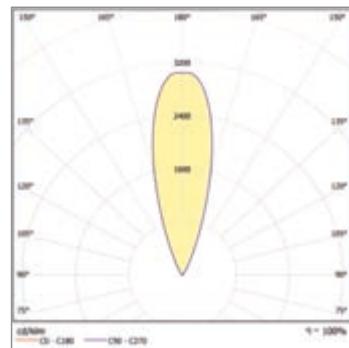
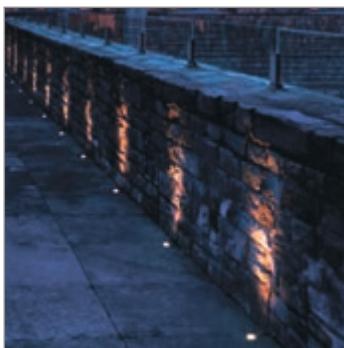
RIO

TR		EN	
Ürün Tipi	18 x 1W	Product Type	18 x 1W
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	110V - 240V AC / 50-60Hz	Input Voltage	110V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen	18 x 1W (CW = 2520 Lm - NW = 2160 Lm - WW = 1980 Lm)	Light Output (lm)	18 x 1W (CW = 2520 Lm - NW = 2160 Lm - WW = 1980 Lm)
Lens Dereceleri	10° - 25° - 40° - 60° - 80°	Optics	10° - 25° - 40° - 60° - 80°
Ölçü (mm)	H: 390mm - W: 75mm - Ø: 180mm	Dimensions (mm)	H: 390mm - W: 75mm - Ø: 180mm
Ağırlık (Kg)	2,20Kg	Weight(Kg)	2,20Kg
Materyal	Elektrostatik toz boyalı enjeksiyon alüminyum gövde, paslanmaz çelik civatalar, silikon conta.	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets.
Difüzör	3mm Polikarbon	Diffuser	3mm Polycarbonate
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP66	Insulation Class	IP 66
Elektrik Sınıfı	Class I	Electrical Class	Class I
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



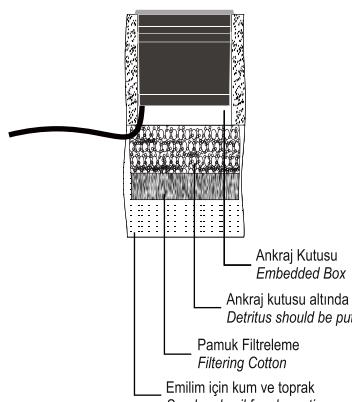
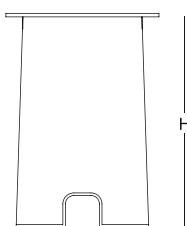
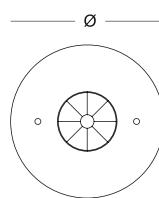


ANKA



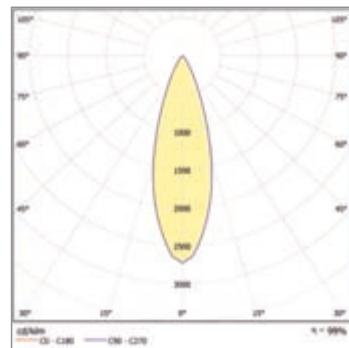
ANKA

TR		EN	
Ürün Tipi	1 x 1W 1 x 3W	Product Type	1 x 1W 1 x 3W
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	170V - 240V AC / 50-60Hz	Input Voltage	170V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen	1 x 1W (CW = 140 Lm - NW = 120 Lm - WW = 100 Lm) 1 x 3W (CW = 240 Lm - NW = 210 Lm - WW = 180 Lm)	Light Output (lm)	1 x 1W (CW = 140 Lm - NW = 120 Lm - WW = 100 Lm) 1 x 3W (CW = 240 Lm - NW = 210 Lm - WW = 180 Lm)
Lens Dereceleri	15° - 25° - 45°	Optics	15° - 25° - 45°
Ölçü (mm)	H: 130mm - Ø: 80mm	Dimensions (mm)	H: 130mm - Ø: 80mm
Ağırlık (Kg)	0,46Kg	Weight (Kg)	0,46Kg
Materyal	Elektrostatik toz boyalı alüminyum enjeksiyon gövde, paslanmaz çelik civatalar, paslanmaz çelik çerçeve. Görmme kutusu içerir.	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets. Stainless steel frame. Includes recessing box.
Difüzör	6mm Temperli Cam	Diffuser	6mm Tempered Glass
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP67	Insulation Class	IP 67
Darbe Direnci	IK 09	Impact Resistance	IK 09
Elektrik Sınıfı	Class II	Electrical Class	Class II
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



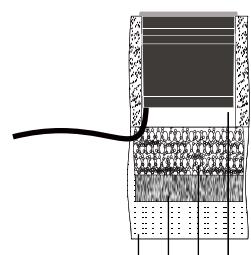
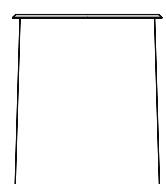
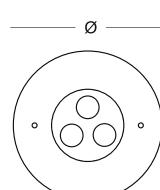


ASPEN



ASPEN

TR		EN	
Ürün Tipi	3 x 1W	Product Type	3 x 1W
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	170V - 240V AC / 50-60Hz	Input Voltage	170V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen	3 x 1W (CW = 420 Lm - NW = 360 Lm - WW = 330 Lm)	Light Output (lm)	3 x 1W (CW = 420 Lm - NW = 360 Lm - WW = 330 Lm)
Lens Dereceleri	25° - 40° - 60° - 80°	Optics	25° - 40° - 60° - 80°
Ölçü (mm)	H: 124mm - Ø: 105mm	Dimensions (mm)	H: 124mm - Ø: 105mm
Ağırlık (Kg)	0,72Kg	Weight (Kg)	0,72Kg
Materyal	Elektrostatik toz boyalı alüminyum enjeksiyon gövde, paslanmaz çelik civatalar, paslanmaz çelik çerçeve. Gömme kutusu içerir.	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets. Stainless steel frame. Includes recessing box.
Difüzör	6mm Temperli Cam	Diffuser	6mm Tempered Glass
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP67	Insulation Class	IP 67
Darbe Direnci	IK 09	Impact Resistance	IK 09
Elektrik Sınıfı	Class I	Electrical Class	Class I
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ankraj Kutusu
Embedded BoxAnkraj kutusu altında çakıl taş olmalıdır
Detritus should be put under the bottom for drainagePamuk Filtrleme
Filtering CottonEmilim için kum ve toprak
Sand and soil for absorption

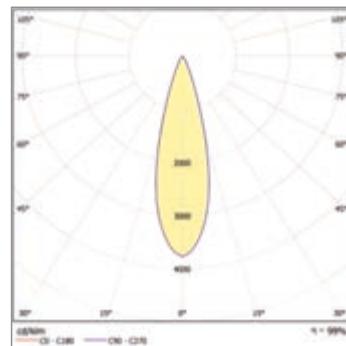


TITUS



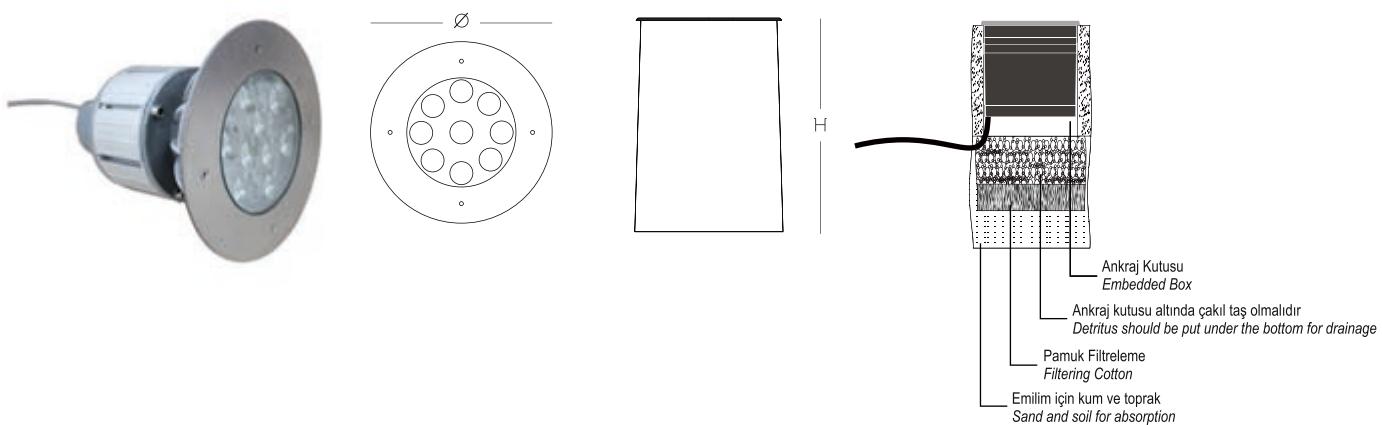
A'DESIGN AWARD
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2012-2013
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Awards



TITUS

TR		EN	
Ürün Tipi	9 x 1W - 2W	Product Type	9 x 1W - 2W
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	110V - 240V AC / 50-60Hz	Input Voltage	110V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen	9 x 1W (CW = 1260 - NW = 1080 - WW = 990)	Light Output (lm)	9 x 1W (CW = 1260 - NW = 1080 Lm - WW = 990)
Lens Dereceleri	30° - 50°	Optics	30° - 50°
Ölçü (mm)	H: 235mm - Ø: 160mm	Dimensions (mm)	H: 235mm - Ø: 160mm
Ağırlık (Kg)	1,80Kg	Weight (Kg)	1,80Kg
Materyal	Elektrostatik toz boyalı alüminyum enjeksiyon gövde, paslanmaz çelik civatalar, paslanmaz çelik çerçeve. Gömme kutusu içerir.	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets. Stainless steel frame. Includes recessing box.
Difüzör	6mm Temperli Cam	Diffuser	6mm Tempered Glass
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Kontrol Sistemi	RGB (RF uzaktan kumandalı, DMX512)(Harici besleme)	Control System	RGB (RF remote control, DMX512)(External)
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP67	Insulation Class	IP 67
Darbe Direnci	IK 09	Impact Resistance	IK 09
Elektrik Sınıfı	Class I	Electrical Class	Class I
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



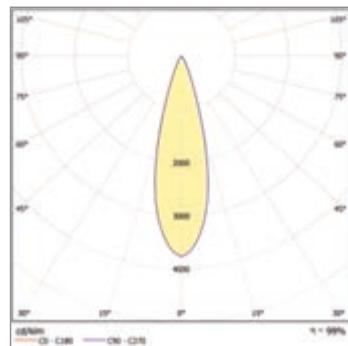
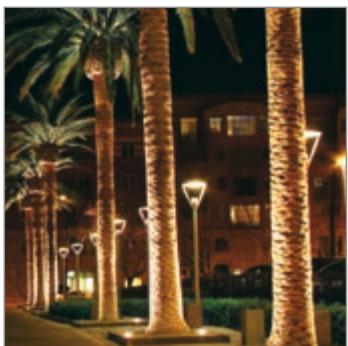


COSMO



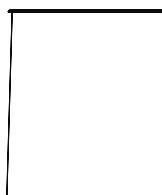
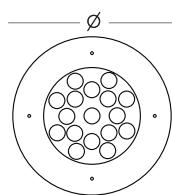
A'DESIGN AWARD
WINNER 2013

2012-2013
Silver A'
Lighting Design
Awards

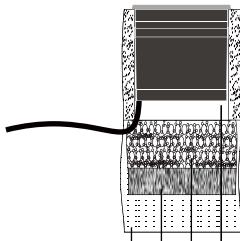


COSMO

TR		EN	
Ürün Tipi	18 x 1W	Product Type	18 x 1W
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransi ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	110V - 240V AC / 50-60Hz	Input Voltage	110V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen	18 x 1W (CW = 2520 - NW = 2160 - WW = 1980)	Light Output (lm)	18 x 1W (CW = 2520 - NW = 2160 - WW = 1980)
Lens Dereceleri	10° - 15° - 25° - 40° - 60° - 80°	Optics	10° - 15° - 25° - 40° - 60° - 80°
Ölçü (mm)	H: 235mm - Ø: 200mm	Dimensions (mm)	H: 235mm - Ø: 200mm
Ağırlık (Kg)	2,40Kg	Weight (Kg)	2,40Kg
Materyal	Elektrostatik toz boyalı alüminyum enjeksiyon gövde, paslanmaz çelik civatalar, paslanmaz çelik çerçeve. Gömme kutusu içerir.	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets. Stainless steel frame. Includes recessing box.
Difüzör	6mm Temperli Cam	Diffuser	6mm Tempered Glass
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Kontrol Sistemi	RGB (RF uzaktan kumandalı, DMX512) (Harici besleme) RGBA (RF uzaktan kumandalı, DMX512) (Harici besleme)	Control System	RGB (RF remote control, DMX512) (External) RGBA (RF remote control, DMX512) (External)
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP67	Insulation Class	IP 67
Darbe Direnci	IK 09	Impact Resistance	IK 09
Elektrik Sınıfı	Class II	Electrical Class	Class II
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



H



Ankraj Kutusu
Embedded Box

Ankraj kutusu altında çakıl taş olmalıdır
Detritus should be put under the bottom for drainage

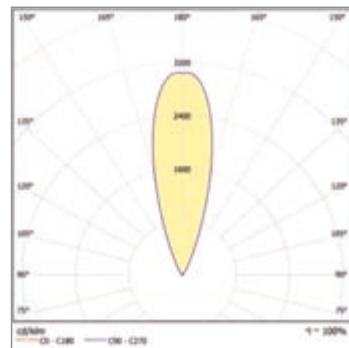
Pamuk Filtrleme
Filtering Cotton

Emilim için kum ve toprak
Sand and soil for absorption



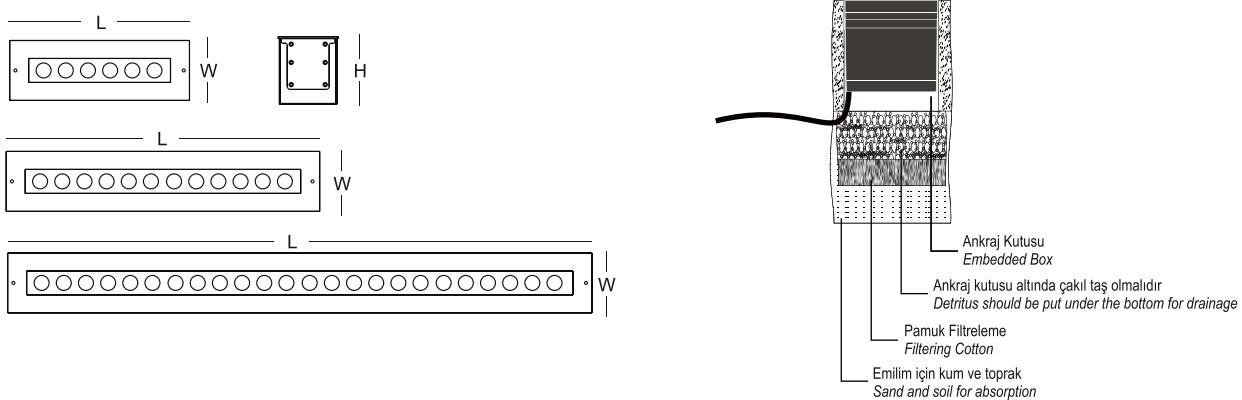


LIBRA

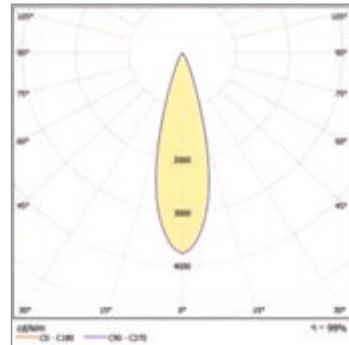


LIBRA

TR		EN			
Ürün Tipi	30 cm 55 cm 100 cm	6x1W 350mA 12x1W 350mA 24x1W 350mA	Product Type	30 cm 55 cm 100 cm	6x1W 350mA 12x1W 350mA 24x1W 350mA
Led Türü	Power LED Yüksek verimli LEDler 3000K 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant		
Giriş Voltajı	110V - 240V AC / 50-60Hz	Input Voltage	110V - 240V AC / 50-60Hz		
CRI	Ra > 80	CRI	Ra > 80		
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White, Warm White, Natural White, Red, Green, Blue, Amber		
Lümen	6x1W (CW = 840 NW = 720 WW = 660) 12x1W (CW = 1680 NW = 1440 WW = 1320) 24x1W (CW = 3360 NW = 2880 WW = 2460)	Light Output (lm)	6x1W (CW = 840 NW = 720 WW = 660) 12x1W (CW = 1680 NW = 1440 WW = 1320) 24x1W (CW = 3360 NW = 2880 WW = 2460)		
Lens Dereceleri	10° - 25° - 40° - 60° - 80°	Optics	10° - 25° - 40° - 60° - 80°		
Ölçü (mm)	W: 105 mm - H: 125 mm L: 300 / 550 /1000 mm	Dimensions (mm)	W: 105 mm - H: 125 mm L: 300 / 550 /1000 mm		
Ağırlık (Kg)	300 mm / 750 gr - 550 mm / 1800 gr - 1000 mm / 3600 gr	Weight (Kg)	300 mm / 750 gr - 550 mm / 1800 gr - 1000 mm / 3600 gr		
Materyal	Anodize ekstrüzyon alüminyum gövde, paslanmaz çelik civatalar, silikon conta.	Materials	Anodised silver aluminium extruded housing with stainless steel screws, stainless steel frame and silicone rubber gaskets. Includes recessing box.		
Difüzör	8 mm Lamine	Diffuser	8 mm Laminated		
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current		
Kontrol Sistemi	RGB (RF Uzaktan Kumandalı, DMX512)(Harici besleme) 1-10V DIM, DALI	Control System	RGB (RF remote control, DMX512)(External) 1-10V DIM, DALI		
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C		
Koruma Sınıfı	IP 67	Insulation Class	IP 67		
Darbe Direnci	IK 09	Impact Resistance	IK 09		
Elektrik Sınıfı	Class I	Electrical Class	Class I		
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04		

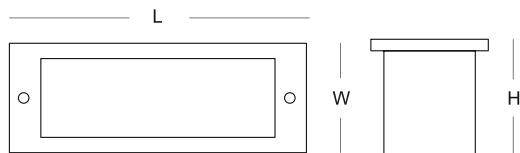


GALENA

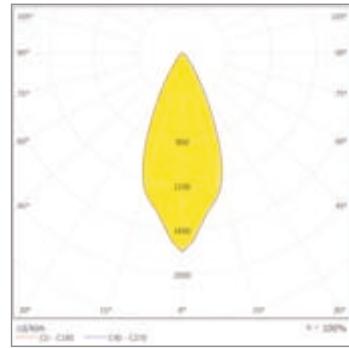
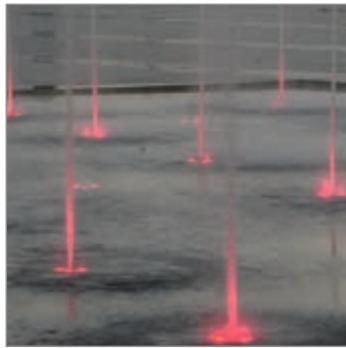


GALENA

TR		EN	
Ürün Tipi	5W 20 x Mid-Power LED	Product Type	5W 20 x Mid-Power LEDs
Led Türü	Power LED / Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	170V - 240V AC / 50-60Hz	Input Voltage	170V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz	Led Colors	White ,Warm White, Natural White
Lümen (lm)	5W (CW = 700 / NW = 600 / WW = 550)	Light Output (lm)	5W (CW = 700 / NW = 600 / WW = 550)
Ölçü (mm)	L:240mm - W: 80mm - H: 55mm	Dimensions (mm)	L:240mm - W: 80mm - H: 55mm
Ağırlık (Kg)	1.3 kg	Weight (Kg)	1.3 kg
Materyal	Elektrostatik toz boyalı alüminyum enjeksiyon gövde, paslanmaz çelik civatalar, paslanmaz çelik çerçeve. Gömme kutusu içerir.	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets, Includes recessing box.
Cam	Opak difüzör	Glass	Opaque diffuser
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP67	Insulation Class	IP 67
Elektrik Sınıfı	Class I	Electrical Class	Class I
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

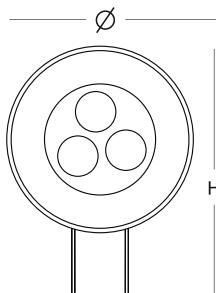


ORCA 3

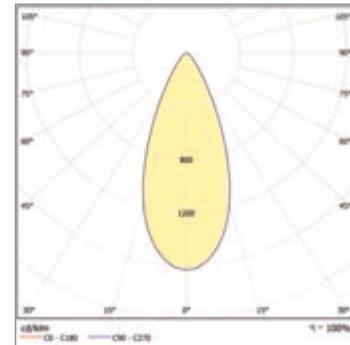


ORCA 3

TR		EN	
Ürün Tipi	3 x 1W	Product Type	3 x 1W
Led Türü	Power LED / Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	12 V DC (RGB - Tek Renk)	Input Voltage	12 V DC (RGB - Mono Colour)
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen (lm)	CW = 420 / NW = 360 / WW = 330Lm	Light Output	CW = 420 / NW = 360 / WW = 330Lm
Lens Dereceleri	25° - 45° - 60°	Optics	25° - 45° - 60°
Ölçü (mm)	Ø: 92 mm H: 115 mm	Dimensions (mm)	Ø: 92 mm H: 115 mm
Ağırlık (Kg)	300 gr	Weight(Kg)	300 gr
Maks. Derinlik	80cm	Max. Depth	80cm
Materyal	304 paslanmaz çelik	Materials	304 quality stainless steel housing.
Cam	3 mm polikarbon	Glass	3 mm policarbon
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Kontrol Sistemi	RGB (RF uzaktan kumandalı, DMX512	Control System	RGB (RF remote control, DMX512
Çalışma Sıcaklığı	-25°C / +20°C (Su içinde)	Operation Temperature	-25°C / +20°C (Underwater)
Koruma Sınıfı	IP68	Insulation Class	IP 68
Elektrik Sınıfı	Class III	Electrical Class	Class III
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

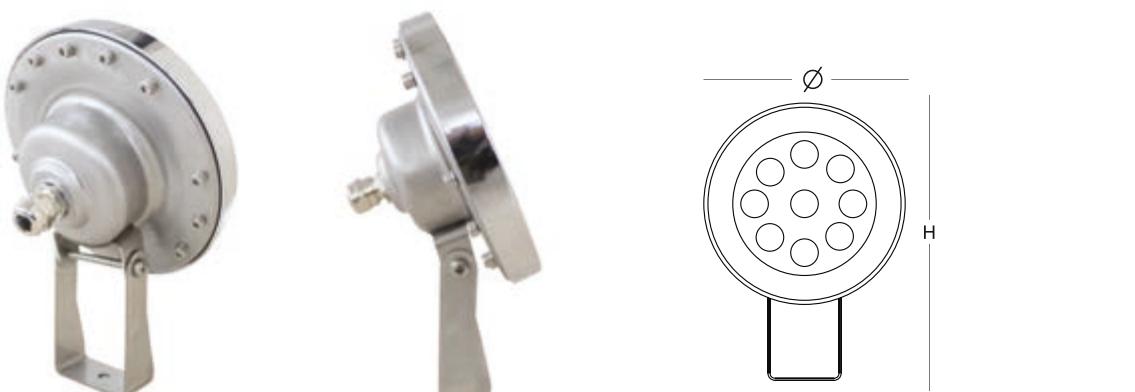


ORCA 9



ORCA 9

TR		EN	
Ürün Tipi	9 x 1W	Product Type	9 x 1W
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	24V DC (RGB) - 30V(Tek Renk)	Input Voltage	24V DC (RGB) - 30V(Monocolor)
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen (lm)	CW = 420 / NW = 360 / WW = 330 Lm	Light Output	CW = 420 / NW = 360 / WW = 330Lm
Lens Dereceleri	30° - 50°	Optics	30° - 50°
Ölçü (mm)	Ø: 145 mm H: 70 mm	Dimensions (mm)	Ø: 145 mm H: 70 mm
Ağırlık (Kg)	300 gr	Weight(Kg)	300 gr
Maks. Derinlik	80cm	Max. Depth	80cm
Materyal	304 paslanmaz çelik gövde	Materials	304 quality stainless steel housing.
Difüzör	3 mm polikarbon	Diffuser	3 mm policarbon
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Kontrol Sistemi	RGB (RF uzaktan kumandalı, DMX512	Control System	RGB (RF remote control, DMX512
Çalışma Sıcaklığı	-25°C / +20°C (Su içinde)	Operation Temperature	-25°C / +20°C (Underwater)
Koruma Sınıfı	IP68	Insulation Class	IP 68
Elektrik Sınıfı	Class III	Electrical Class	Class III
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

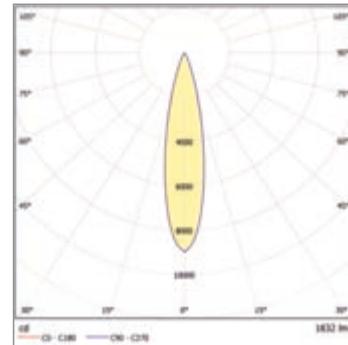


ORCA 18

ORCA PAR 56



ORCA PAR 56



ORCA 18

TR		EN	
Ürün Tipi	18 x 1W PAR 56	Product Type	18 x 1W PAR 56
Led Türü	Power LED Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransi ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	24 V DC (RGB) / 48 V DC Tek Renk	Input Voltage	24 V DC (RGB) / 48 V DC Mono Colour
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz, Kırmızı, Yeşil, Mavi, Amber	Led Colors	White ,Warm White, Natural White, Red, Green, Blue, Amber
Lümen (lm)	18 x 1W (CW = 2520 / NW = 2160 / WW = 1980)	Light Output (lm)	18 x 1W (CW = 2520 / NW = 2160 / WW = 1980)
Lens Dereceleri	10° - 25° - 40° - 60° - 80°	Optics	10° - 25° - 40° - 60° - 80°
Ölçü (mm)	Ø: 180 mm H: 210 mm	Dimensions (mm)	Ø: 180 mm H: 210 mm
Ağırlık (Kg)	800 gr	Weight(Kg)	800 gr
Maks. Derinlik	80cm	Max. Depth	80cm
Materyal	304 paslanmaz çelik gövde	Materials	304 quality stainless steel housing.
Difüzör	3 mm polikarbon	Diffuser	3 mm polycarbon
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Kontrol Sistemi	RGB (RF uzaktan kumandalı, DMX512	Control System	RGB (RF remote control, DMX512
Çalışma Sıcaklığı	-25°C / +20°C (Su içinde)	Operation Temperature	-25°C / +20°C (Underwater)
Koruma Sınıfı	IP68	Insulation Class	IP 68
Elektrik Sınıfı	Class III	Electrical Class	Class III
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



LEDBAR-1



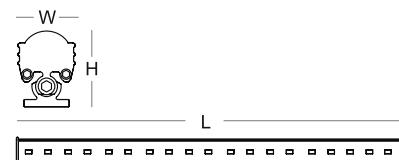
TR		EN			
Ürün Tipi	LED BAR1 6W LED BAR1 10W LED BAR1 14W LED BAR1 18W	Nichia Midpower Nichia Midpower Nichia Midpower Nichia Midpower	Product Type	LED BAR1 6W LED BAR1 10W LED BAR1 14W LED BAR1 18W	Nichia Midpower Nichia Midpower Nichia Midpower Nichia Midpower
Led Türü	Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant		
Giriş Voltajı	12 - 24 V DC (RGB) / 12 - 24 V DC Tek Renk	Input Voltage	12 - 24 V DC (RGB) / 12 - 24 V DC Mono Colour		
CRI	Ra > 80	CRI	Ra > 80		
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz	Led Colors	White ,Warm White, Natural White		
Lümen (lm)	6W (CW = 840 / NW = 720 / WW = 660) 10W (CW = 1400 / NW = 1200 / WW = 1100) 14W (CW = 1960 / NW = 1680 / WW = 1540)	Light Output (lm)	6W (CW = 840 / NW = 720 / WW = 660) 10W (CW = 1400 / NW = 1200 / WW = 1100) 14W (CW = 1960 / NW = 1680 / WW = 1540)		
Lens Dereceleri	120°	Optics	120°		
Ölçü (mm)	H / 22 mm - W / 18 mm - L / 330 /500/660/990/1000mm	Dimensions (mm)	H / 22 mm - W / 18 mm - L / 330 /500/660/990/1000mm		
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar silikon koruma.	Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone sealing.		
Difüzör	Şeffaf - Opal	Diffuser	Clear - Opal		
Güç Kaynağı	Yüksek verimli sabit voltaj	Power Supply	Constant voltage		
Kontrol Sistemleri	RGB RF / DMX 512 1-10V DIM, DALI	Control Systems	RGB RF / DMX 512 1-10V DIM, DALI		
Çalışma Sıcaklığı	-20°C / +50°C	Operation Temperature	-20°C / +50°C		
Koruma Sınıfı	IP 20 / IP65	Insulation Class	IP 20 / IP65		
Elektrik Sınıfı	Class II	Electrical Class	Class II		
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04		



IP20 SOKET



IP68 SOKET



LEDBAR-2



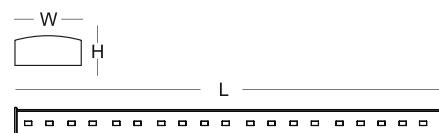
TR		EN			
Ürün Tipi	LED BAR2 6W LED BAR2 10W	Nichia Midpower Nichia Midpower	Product Type	LED BAR2 6W LED BAR2 10W	Nichia Midpower Nichia Midpower
Led Türü	Mid Power Yüksek verimli LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Mid Power High efficiency LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant		
Giriş Voltajı	12 - 24 V DC (RGB) / 12 - 24 V DC Tek Renk	Input Voltage	12 - 24 V DC (RGB) / 12 - 24 V DC Mono Colour		
CRI	Ra > 80	CRI	Ra > 80		
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz	Led Colors	White, Warm White, Natural White		
Lümen (lm)	6W (CW = 840 / NW = 720 / WW = 660) 10W (CW = 1400 / NW = 1200 / WW = 1100)	Light Output (lm)	6W (CW = 840 / NW = 720 / WW = 660) 10W (CW = 1400 / NW = 1200 / WW = 1100)		
Lens Dereceleri	120°	Optics	120°		
Ölçü (mm)	H / 10 mm - W / 18 mm - L / 330 /500/660/990/1000mm	Dimensions (mm)	H / 10 mm - W / 18 mm - L / 330 /500/660/990/1000mm		
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar silikon koruma.	Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone sealing.		
Difüzör	Şeffaf - Opal	Diffuser	Clear - Opal		
Güç Kaynağı	Yüksek verimli sabit voltaj	Power Supply	Constant voltage		
Kontrol Sistemleri	RGB RF / DMX 512	Control Systems	RGB RF / DMX 512		
Çalışma Sıcaklığı	-20°C / +50°C	Operation Temperature	-20°C / +50°C		
Koruma Sınıfı	IP 20 / IP65	Insulation Class	IP 20 / IP65		
Elektrik Sınıfı	Class II	Electrical Class	Class II		
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04		



IP20 SOKET



IP68 SOKET



LEDBAR-3



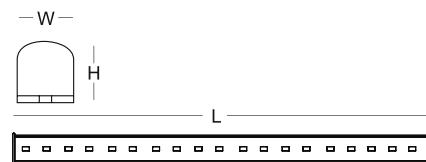
TR		EN			
Ürün Tipi	LED BAR3 6W LED BAR3 10W LED BAR3 14W	Nichia Midpower Nichia Midpower Nichia Midpower	Product Type	LED BAR3 6W LED BAR3 10W LED BAR3 14W	Nichia Midpower Nichia Midpower Nichia Midpower
Led Türü	Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant		
Giriş Voltajı	12 - 24 V DC (RGB) / 12 - 24 V DC Tek Renk	Input Voltage	12 - 24 V DC (RGB) / 12 - 24 V DC Mono Colour		
CRI	Ra > 80	CRI	Ra > 80		
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz	Led Colors	White ,Warm White, Natural White		
Lümen (lm)	6W (CW = 840 / NW = 720 / WW = 660) 10W (CW = 1400 / NW = 1200 / WW = 1100) 14W (CW = 1960 / NW = 1680 / WW = 1540)	Light Output (lm)	6W (CW = 840 / NW = 720 / WW = 660) 10W (CW = 1400 / NW = 1200 / WW = 1100) 14W (CW = 1960 / NW = 1680 / WW = 1540)		
Lens Dereceleri	120°	Optics	120°		
Ölçü (mm)	H / 22 mm - W / 18 mm - L / 330 /500/660/990/1000mm	Dimensions (mm)	H / 22 mm - W / 18 mm - L / 330 /500/660/990/1000mm		
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar silikon koruma.	Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone sealing.		
Difüzör	Şeffaf - Opal	Diffuser	Clear - Opal		
Güç Kaynağı	Yüksek verimli sabit voltaj	Power Supply	Constant voltage		
Kontrol Sistemleri	RGB RF / DMX 512 1-10V DIM, DALI	Control Systems	RGB RF / DMX 512 1-10V DIM, DALI		
Çalışma Sıcaklığı	-20°C / +50°C	Operation Temperature	-20°C / +50°C		
Koruma Sınıfı	IP 20 / IP65	Insulation Class	IP 20 / IP65		
Elektrik Sınıfı	Class II	Electrical Class	Class II		
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04		



IP20 SOKET



IP68 SOKET



LEDBAR-4



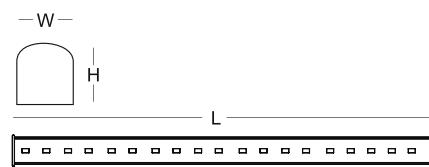
TR	EN
Ürün Tipi	LED BAR4 6W Nichia Midpower LED BAR4 10W Nichia Midpower LED BAR4 14W Nichia Midpower
Led Türü	Mid Power Yüksek verimli (Nichia) LEDler 3000K, 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu
Giriş Voltajı	12 - 24 V DC (RGB) / 12 - 24 V DC Tek Renk
CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz
Lümen (lm)	6W (CW = 840 / NW = 720 / WW = 660) 10W (CW = 1400 / NW = 1200 / WW = 1100) 14W (CW = 1960 / NW = 1680 / WW = 1540)
Lens Dereceleri	120°
Ölçü (mm)	H / 22 mm - W / 18 mm - L / 330 / 500/660/990/1000mm
Materyal	Ekstrüzyon anodize alüminyum gövde, paslanmaz çelik civatalar silikon koruma.
Difüzör	Şeffaf - Opal
Güç Kaynağı	Yüksek verimli sabit voltaj
Kontrol Sistemleri	RGB RF / DMX 512 1-10V DIM, DALI
Çalışma Sıcaklığı	-20°C / +50°C
Koruma Sınıfı	IP 20 / IP65
Elektrik Sınıfı	Class II
Uygunluk	EN60598-1:2009-04
Product Type	LED BAR4 6W Nichia Midpower LED BAR4 10W Nichia Midpower LED BAR4 14W Nichia Midpower
Led Type	Mid Power High efficiency (Nichia) LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Input Voltage	12 - 24 V DC (RGB) / 12 - 24 V DC Mono Colour
CRI	Ra > 80
Led Colors	White ,Warm White, Natural White
Light Output (lm)	6W (CW = 840 / NW = 720 / WW = 660) 10W (CW = 1400 / NW = 1200 / WW = 1100) 14W (CW = 1960 / NW = 1680 / WW = 1540)
Optics	120°
Dimensions (mm)	H / 22 mm - W / 18 mm - L / 330 / 500/660/990/1000mm
Materials	Anodised silver aluminium extruded housing with stainless steel screws and silicone sealing.
Diffuser	Clear - Opal
Power Supply	Constant voltage
Control Systems	RGB RF / DMX 512 1-10V DIM, DALI
Operation Temperature	-20°C / +50°C
Insulation Class	IP 20 / IP65
Electrical Class	Class II
Conformity	EN60598-1:2009-04



IP20 SOKET

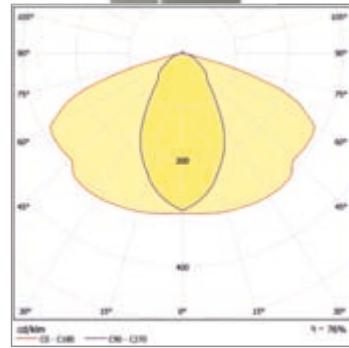


IP68 SOKET



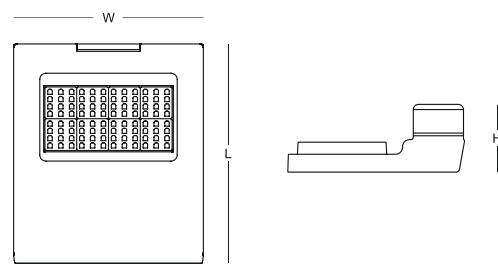


SIRUS STL



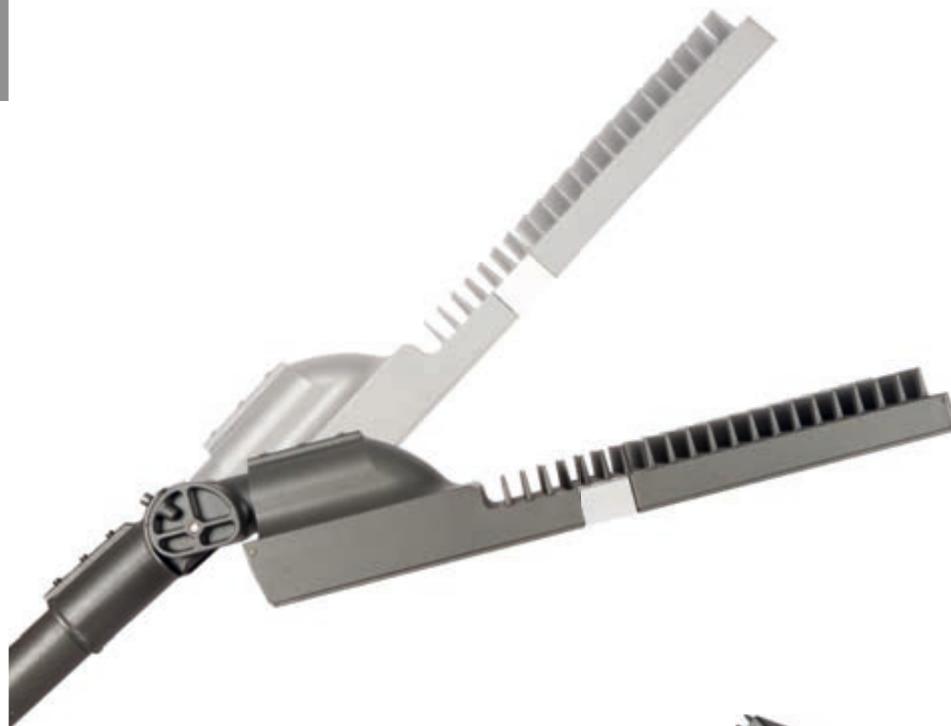
SIRUS STL

TR		EN	
Ürün Tipi	Sirus STL 50W 32 - 96 Led Sirus STL 70W 32 - 96 Led Sirus STL 100W 32 - 96 Led Sirus STL 120W 32 - 96 Led	Product Type	Sirus STL 50W 32 - 96 Led Sirus STL 70W 32 - 96 Led Sirus STL 100W 32 - 96 Led Sirus STL 120W 32 - 96 Led
Led Türü	Power LED / Mid Power Yüksek verimli LEDler 3000K 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	100V - 240V AC / 50-60Hz	Input Voltage	100V - 240V AC / 50-60Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz	Led Colors	White ,Warm White, Natural White
Lümen (lm)	50 W (CW: 4800 Lm - NW: 4416 Lm - WW: 4320Lm) 70 W (CW: 6300 Lm - NW: 5796 Lm - WW: 5670Lm) 100 W (CW:12160 Lm - NW:11200 Lm - WW:10944Lm) 120 W (CW:14000 Lm - NW:12400 Lm - WW:11520Lm)	Light Output (lm)	50 W (CW: 4800 Lm - NW: 4416 Lm - WW: 4320Lm) 70 W (CW: 6300 Lm - NW: 5796 Lm - WW: 5670Lm) 100 W (CW:12160 Lm - NW:11200 Lm - WW:10944Lm) 120 W (CW:14000 Lm - NW:12400 Lm - WW:11520Lm)
Lens Dereceleri	135° x 50°	Optics	135° x 50°
Ölçü (mm)	W: 65mm - L:300mm - H: 450mm	Dimensions (mm)	W: 65mm - L:300mm - H: 450mm
Ağırlık (Kg)	6.00 kg	Weight (Kg)	6.00 kg
Materyal	Elektrostatik toz boyalı alüminyum enjeksiyon gövde, paslanmaz çelik civatalar.	Materials	Powder coated die cast aluminium housing with stainless steel screws.
Difüzör	5mm temperli cam	Diffuser	5mm temperli cam
Kontrol Sistemleri	1-10V DIM, DALI	Control Systems	1-10V DIM, DALI
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP66	Insulation Class	IP 66
Darbe Direnci	IK 09	Impact Resistance	IK 09
Elektrik Sınıfı	Class II	Electrical Class	Class II
Uygunluk	EN60598-2-3:2009-04	Conformity	EN60598-2-3:2009-04



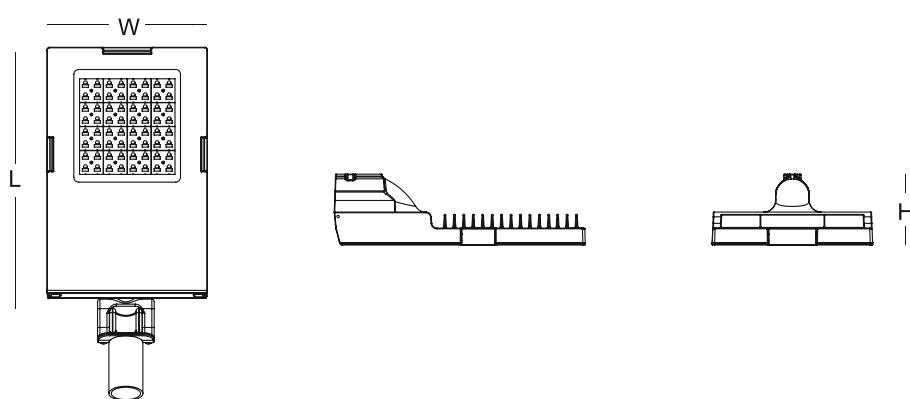


BLIGHT - S



BLIGHT - S

TR		EN	
Ürün Tipi	150 W 175 W 200 W	Product Type	150 W 175 W 200 W
Led Türü	Power LED / Mid Power Yüksek verimli LEDler 3000K 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	170V - 240V AC / 50-60Hz	Input Voltage	170V - 240V AC / 50-60Hz
Akım	350mA-525mA-700mA	Current	350mA-525mA-700mA
CRI	Ra > 80	CRI	Ra > 80
Lens Dereceleri	135x50° - 155x40°	Optics	135x50° - 155x40°
Led Renkleri	İlk Beyaz, Naturel Beyaz, Soğuk Beyaz	Led Colors	Warm White, Natural White,Cold White
Lümen (lm)	150W (CW = 21000 / NW = 18000 / WW = 16500) 175W (CW = 24500 / NW = 21000 / WW = 19250) 200W (CW = 28000 / NW = 24000 / WW = 22000)	Light Output (lm)	150W (CW = 21000 / NW = 18000 / WW = 16500) 175W (CW = 24500 / NW = 21000 / WW = 19250) 200W (CW = 28000 / NW = 24000 / WW = 22000)
Ölçü (mm)	L: 545 W: 340 H: 150	Dimensions (mm)	L: 545 W: 340 H: 150
Ağırlık (Kg)	13.5 Kg	Weight (Kg)	13.5 Kg
Materyal	Elektrostatik toz boyalı alüminyum gövde, paslanmaz çelik civatalar, silikon conta	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets
Difüzör	5mm Temperli cam	Diffuser	5mm Tempered glass
Kontrol Sistemleri	1-10V DIM, DALI	Control Systems	1-10V DIM, DALI
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +50°C	Operation Temperature	-25°C / +50°C
Koruma Sınıfı	IP 66	Insulation Class	IP 66
Darbe Direnci	IK 09	Impact Resistance	IK 09
Elektrik Sınıfı	Class I	Electrical Class	Class I
Montaj	Ø 76 mm	Mounting	Ø 76 mm
Uygunluk	EN60598-2-3:2009-04	Conformity	EN60598-2-3:2009-04



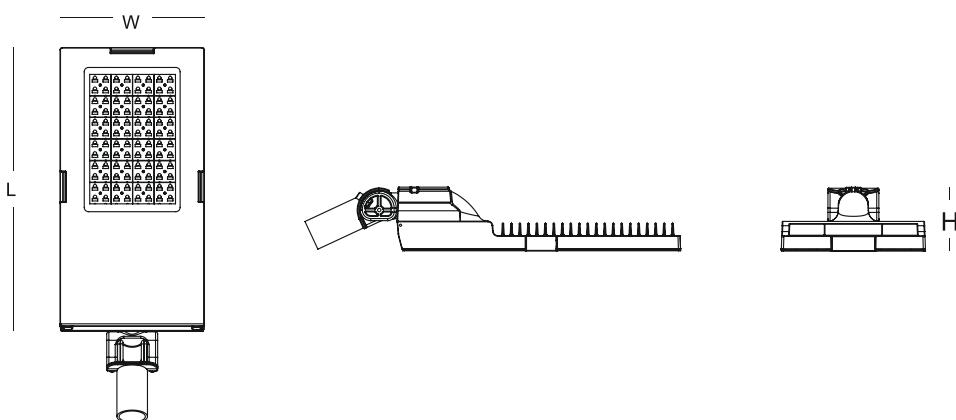


BLIGHT - L



BLIGHT - L

TR		EN	
Ürün Tipi	175 W 200 W 250 W 300 W	Product Type	175 W 200 W 250 W 300 W
Led Türü	Power LED / Mid Power Yüksek verimli LEDler 3000K 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	170V - 240V AC / 50-60Hz	Input Voltage	170V - 240V AC / 50-60Hz
Akım	350mA-525mA-700mA	Current	350mA-525mA-700mA
CRI	Ra > 80	CRI	Ra > 80
Lens Dereceleri	135x50° - 155x40°	Optics	135x50° - 155x40°
Led Renkleri	İlk Beyaz, Naturel Beyaz, Soğuk Beyaz	Led Colors	Warm White, Natural White,Cold White
Lümen (lm)	175W (CW = 24500 / NW = 21000 / WW = 19250) 200W (CW = 28000 / NW = 24000 / WW = 22000) 250W (CW = 35000 / NW = 30000 / WW = 27500) 300W (CW = 42000 / NW = 36000 / WW = 33000)	Light Output (lm)	175W (CW = 24500 / NW = 21000 / WW = 19250) 200W (CW = 28000 / NW = 24000 / WW = 22000) 250W (CW = 35000 / NW = 30000 / WW = 27500) 300W (CW = 42000 / NW = 36000 / WW = 33000)
Ölçü (mm)	L: 670 W: 340 H: 150	Dimensions (mm)	L: 670 W: 340 H: 150
Ağırlık (Kg)	17 Kg	Weight (Kg)	17 Kg
Materyal	Elektrostatik toz boyalı alüminyum gövde, paslanmaz çelik civatalar, silikon conta	Materials	Powder coated die cast aluminium housing with stainless steel screws and silicone rubber gaskets
Difüzör	5mm Temperli cam	Diffuser	5mm Tempered glass
Kontrol Sistemleri	1-10V DIM, DALI	Control Systems	1-10V DIM, DALI
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +50°C	Operation Temperature	-25°C / +50°C
Koruma Sınıfı	IP 66	Insulation Class	IP 66
Darbe Direnci	IK 09	Impact Resistance	IK 09
Elektrik Sınıfı	Class I	Electrical Class	Class I
Montaj	Ø 76 mm	Mounting	Ø 76 mm
Uygunluk	EN60598-2-3:2009-04	Conformity	EN60598-2-3:2009-04

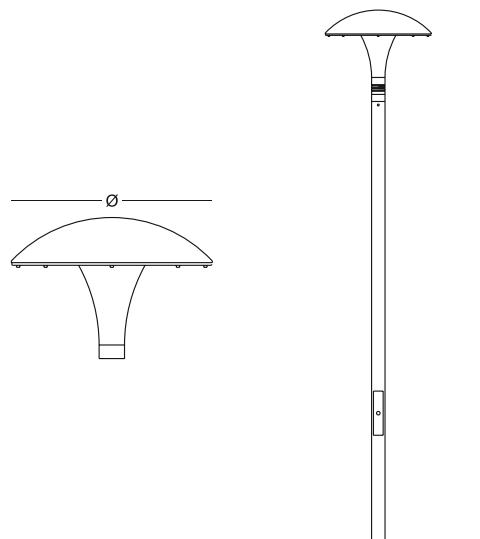


STAR 60

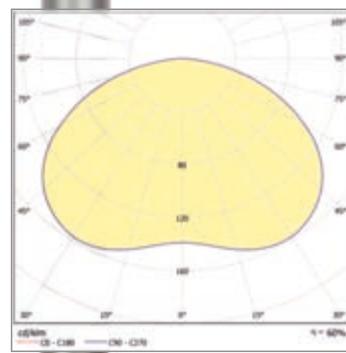


STAR 60

TR		EN	
Ürün Tipi	50W 80W	Product Type	50W 80W
Led Türü	Power LED / Mid Power Yüksek verimli LEDler 3000K 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	220 V AC / 50 - 60 Hz	Input Voltage	220 V AC / 50 - 60 Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz	Led Colors	White ,Warm White, Natural White
Lümen (lm)	50W (CW = 8400 / NW = 7200 / WW = 6600) 80W (CW = 11200 / NW = 9600 / WW = 8800)	Light Output (lm)	50W (CW = 8400 / NW = 7200 / WW = 6600) 80W (CW = 11200 / NW = 9600 / WW = 8800)
Ölçü (mm)	Ø600mm - L:500mm - H: 3000mm	Dimensions (mm)	Ø600mm - L:500mm - H: 3000mm
Ağırlık (Kg)	7.3 kg (Direk Hariç)	Weight (Kg)	7.3 kg (Except poles)
Materyal	Elektrostatik toz boyalı alüminyum gövde, paslanmaz çelik civatalar silikon conta	Materials	Electrostatic powder coated aluminium housing with stainless steel screws and silicone rubber gaskets
Difüzör	PMMA	Diffusor	PMMA
Kontrol Sistemleri	1-10V DIM, DALI	Control Systems	1-10V DIM, DALI
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +50°C	Operation Temperature	-25°C / +50°C
Koruma Sınıfı	IP65	Insulation Class	IP 65
Elektrik Sınıfı	Class I	Electrical Class	Class I

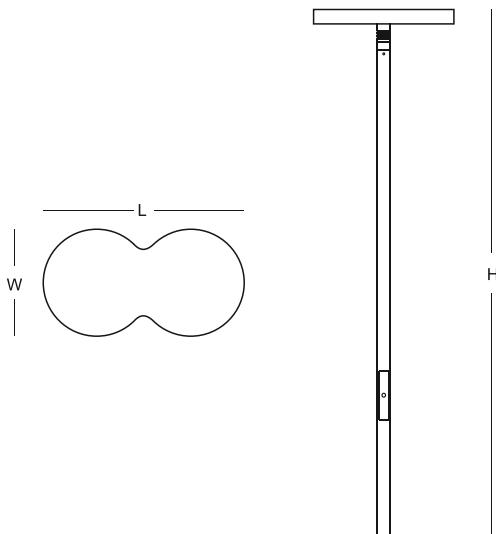


SOBEK

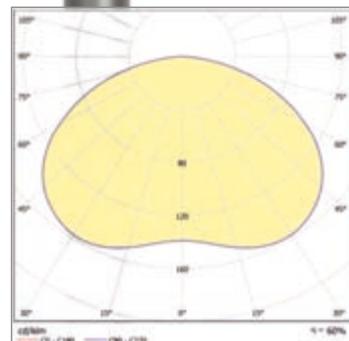
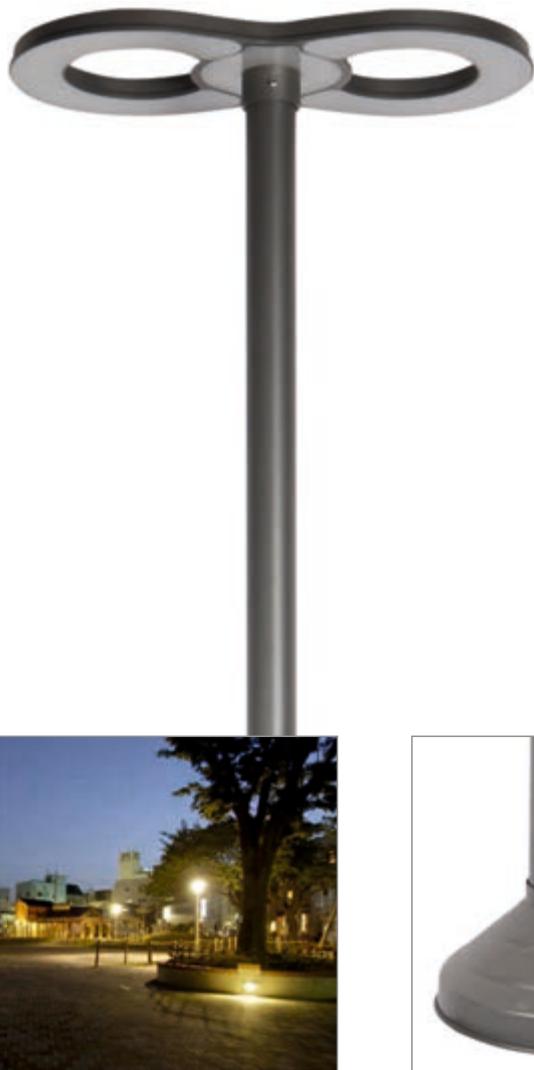


SOBEK

TR		EN	
Ürün Tipi	50W 80W	Product Type	50W 80W
Led Türü	Power LED / Mid Power Yüksek verimli LEDler 3000K 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	100 - 240 V AC / 50 - 60 Hz	Input Voltage	100 - 240 V AC / 50 - 60 Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz	Led Colors	White ,Warm White, Natural White
Lümen (lm)	50W (CW = 8400 / NW = 7200 / WW = 6600) 80W (CW = 11200 / NW = 9600 / WW = 8800)	Light Output (lm)	50W (CW = 8400 / NW = 7200 / WW = 6600) 80W (CW = 11200 / NW = 9600 / WW = 8800)
Ölçü (mm)	L:720mm - W:400mm - H: 50mm	Dimensions (mm)	L:720mm - W:400mm - H: 50mm
Ağırlık (Kg)	4 kg (Direk Haric)	Weight (Kg)	4 kg (Except poles)
Materyal	Elektrostatik toz boyalı alüminyum gövde, paslanmaz çelik civatalar silikon conta	Materials	Electrostatic powder coated aluminium housing with stainless steel screws and silicone rubber gaskets
Difüzör	PMMA	Diffusor	PMMA
Kontrol Sistemleri	1-10V DIM, DALI	Control Systems	1-10V DIM, DALI
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +50°C	Operation Temperature	-25°C / +50°C
Koruma Sınıfı	IP65	Insulation Class	IP 65
Elektrik Sınıfı	Class I	Electrical Class	Class I

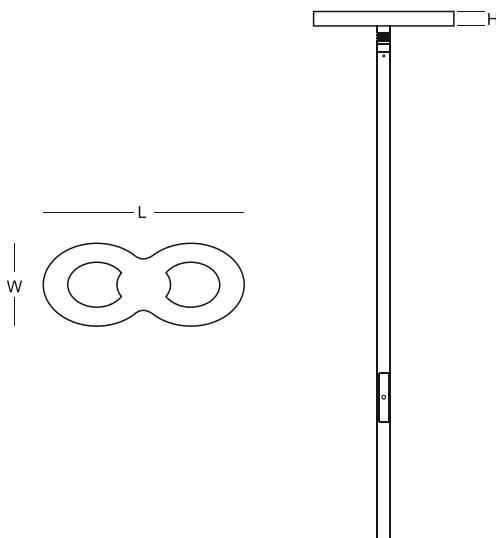


AMON

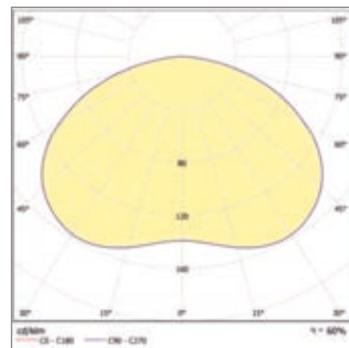
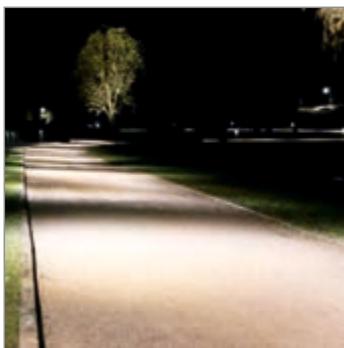


AMON

TR		EN	
Ürün Tipi	50W	Product Type	50W
Led Türü	Power LED / Mid Power Yüksek verimli LEDler 3000K 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	100 - 240 V AC / 50 - 60 Hz	Input Voltage	100 - 240 V AC / 50 - 60 Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz	Led Colors	White ,Warm White, Natural White
Lümen (lm)	50W (CW = 8400 / NW = 7200 / WW = 6600)	Light Output (lm)	50W (CW = 8400 / NW = 7200 / WW = 6600)
Ölçü (mm)	L: 620mm - L:320mm - H: 30mm	Dimensions (mm)	L: 620mm - L:320mm - H: 30mm
Ağırlık (Kg)	4 kg (Direk Haric)	Weight (Kg)	4 kg (Except poles)
Materyal	Elektrostatik toz boyalı alüminyum gövde, paslanmaz çelik civatalar silikon conta	Materials	Electrostatic powder coated aluminium housing with stainless steel screws and silicone rubber gaskets
Difüzör	PMMA	Diffusor	PMMA
Kontrol Sistemleri	1-10V DIM, DALI	Control Systems	1-10V DIM, DALI
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +50°C	Operation Temperature	-25°C / +50°C
Koruma Sınıfı	IP65	Insulation Class	IP 65
Elektrik Sınıfı	Class I	Electrical Class	Class I

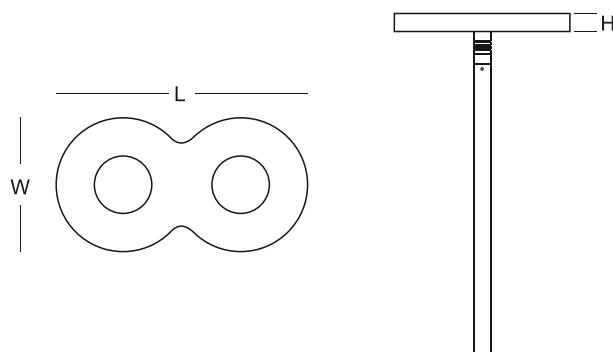


VERMA

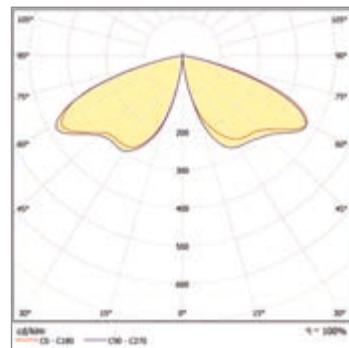
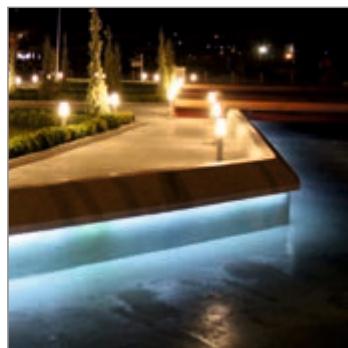
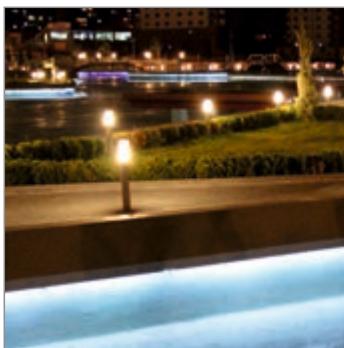
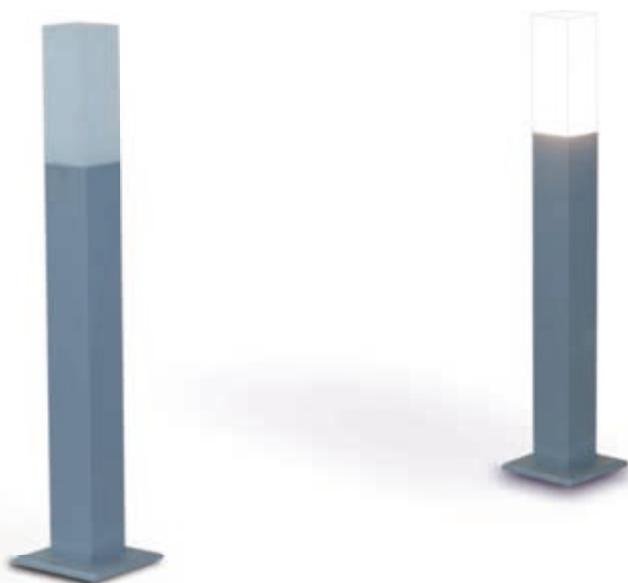


VERMA

TR		EN	
Ürün Tipi	15W	Product Type	15W
Led Türü	Power LED / Mid Power Yüksek verimli LEDler 3000K 4000K, 5000K, 6500K CCT toleransı ile 3-step MacAdams ellipse ve LM80 uygunluğu	Led Type	Power LED / Mid Power High efficiency LEDs, available in 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant
Giriş Voltajı	220 V AC / 50 - 60 Hz	Input Voltage	220 V AC / 50 - 60 Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	Beyaz, Işık Beyaz, Naturel Beyaz	Led Colors	White ,Warm White, Natural White
Lümen (lm)	25W (CW = 4200 / NW = 3600 / WW = 3300)	Light Output (lm)	25W (CW = 4200 / NW = 3600 / WW = 3300)
Ölçü (mm)	L: 320mm - W: 200mm - H: 30mm	Dimensions (mm)	Ø600mm - L:500mm - H: 3000mm
Ağırlık (Kg)	2 kg (Direk Hariç)	Weight (Kg)	2 kg (Except poles)
Materyal	Elektrostatik toz boyalı alüminyum gövde, paslanmaz çelik civatalar silikon conta	Materials	Electrostatic powder coated aluminium housing with stainless steel screws and silicone rubber gaskets
Difüzör	PMMA	Diffusor	PMMA
Kontrol Sistemleri	1-10V DIM, DALI	Control Systems	1-10V DIM, DALI
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +50°C	Operation Temperature	-25°C / +50°C
Koruma Sınıfı	IP65	Insulation Class	IP 65
Elektrik Sınıfı	Class I	Electrical Class	Class I

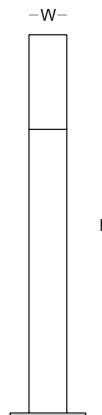


SLIM 80



SLIM 80

TR	SLİM 80	EN	SLİM 80
Ürün Tipi	7W	Product Type	7W
Led Türü	COB	Led Type	COB
Giriş Voltajı	220 V AC / 50 - 60 Hz	Input Voltage	220 V AC / 50 - 60 Hz
CRI	Ra > 80	CRI	Ra > 80
Led Renkleri	İlk Beyaz, Naturel Beyaz, Soğuk Beyaz	Led Colors	Warm White, Natural White, Cold White
Ölçü (mm)	W: 80 mm H: 800 mm	Dimensions (mm)	W: 80 mm H: 800 mm
Ağırlık (Kg)	4 Kg	Weight(Kg)	4 Kg
Materyal	Elektrostatik toz boyalı alüminyum gövde, paslanmaz çelik civatalar silikon conta, kontrol kapağı.	Materials	Powder coated aluminium housing with stainless steel screws and silicone rubber gaskets.
Cam	5 mm PMMA	Glass	5 mm PMMA
Güç Kaynağı	Yüksek verimli sabit akım güç kaynağı	Power Supply	Constant current
Çalışma Sıcaklığı	-25°C / +45°C	Operation Temperature	-25°C / +45°C
Koruma Sınıfı	IP65	Insulation Class	IP 65
Elektrik Sınıfı	Class I	Electrical Class	Class I



SEMBOLLER / GLOSSARY



Light emitting diode

LED is a semiconductor component that emits light when voltage is applied to it.



No Ultraviolet (UV) Radiation

Radiant energy in the range of about 100-380 nanometers (nm).



No Infrared Radiation

Electromagnetic energy radiated in the wavelength range of about 770 to 1.000.000 nanometers (nm).



Low Carbon Dioxide Output (VCO₂)

The amount of CO₂ exhaled from the body into the atmosphere per unit time, expressed in milliliters (mL) or liters (L) per minute



Fully Rated Life

The end of the life of an LED is determined by the point at which the LED fails to deliver at least %70 of initial lumen output. LEDs are commonly marketed as having 50.000 hours of fully-rated lives.



Energy Savings

LED is a highly energy efficient lighting technology, and has the potential to fundamentally change the future of lighting in the world.



Recycling

Unlike low-energy lamps, LED contains no mercury and is therefore not treated as special waste.



Dimming

Device that regulates the intensity of the light source.



Ingress Protection

The first numerical digit describes the rating that is given for solid objects. The 6 here is the highest rating and means the LED is dust tight. The second numerical digit defines how well the LED can keep liquid out.



Impact Resistance

The IK code is an international numeric classification for the degrees of protection provided by enclosures for electrical equipment against external mechanical impacts. The classification is based on the regulations IEC 50102 (IEC 70-3), that ranges from a minimum value IK00 (unprotected), up to the value IK10 (protected from equivalent impact to the force exerted by a weight of 2 kg dropped from a 1 meter level).



Safety Classifications Class I

The luminaires in this class have basic electrical insulation and all of their potentially electrically conductive parts are connected to a protective conductor. The protective conductor terminal displays this marking.



Safety Classifications Class II

Live parts are fitted with additional insulation. Connection to a protective conductor is not permitted.



Safety Classifications Class III

Protection against electrical shock is based on use of safety extra low voltage (SELV).



CE Certificate

Certifies product has met EU (European) consumer safety, health and or environmental requirements.



RoHS Compliance

Restricts the use of certain dangerous substances commonly used in electrical and electronic equipment.