





JOY

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Ufak boyutlardan çıkan şaşılacak derecede kuvvetli bir ışık: JOY

JOY ailesi, iki farklı çaptaki spot, ankastre, yarı ankastre, siva üstü versiyonları ile bir mekandaki her türlü aydınlatma ihtiyacına cevap verebiliyor.

Ailenin ürünleri anodize metal reflektör kullanılan gövdede 90, optik lens kullanılan gövdede ise sadece 76 mm'lik bir çapa sahip. Ürünlerde, gövdenin soğutucu olarak görev yapması sayesinde, form anlamında bir bütünlük yakalanıyor.

Ailenin yeni üyelerinden, asimetrik reflektörlü JOY ankastre, duvar yıkama efektiyle ailenin kullanım alanını genişletirken; ufak çaplı JOY-S, üç farklı açığa sahip optik lensli versiyonuyla temiz ve kontrollü bir ışık sunuyor.

Minimal boyutlarıyla dikkat çekmeden ışık üretmeyi başaran JOY-S spot, sürücülü ray adaptörü sayesinde şık bir görünüm sergiliyor. 18 ya da 25W gücünde LED içeren bu yeni versiyonun yuvarlak, kare, ikili dikdörtgen çerçeveli ankastre ile siva üstü ve sarkıt versiyonlarında da, tıpkı spotta olduğu gibi üç farklı açıda lens kullanılıyor.

Öte yandan 12 – 18 ya da 25W gücündeki LED ışık kaynağına sahip olan JOY spot, sadece 90 mm çapı ile kendisini fark ettirmeden vurgu aydınlatması yapabiliyor. JOY spot, dikey ekseninde 180°, yatay ekseninde 330° yönlendirilebilmesi sayesinde neredeyse sınırsız bir yönlendirilebilme seçeneğine sahip.

Yine aynı güçte LED'lerin kullanıldığı ankastre ürünlerde sabit yuvarlak çerçeve, hareketli yuvarlak, kare ya da ikili çerçeve ile kamaşmayı azaltmak için derin gövde seçenekleri mevcut.

An elegant family that emits a surprisingly strong light considering its small sizes: JOY

JOY family can answers all lighting requirements of an environment with its two different sized spotlight, recessed, semi-recessed and surface mounted versions.

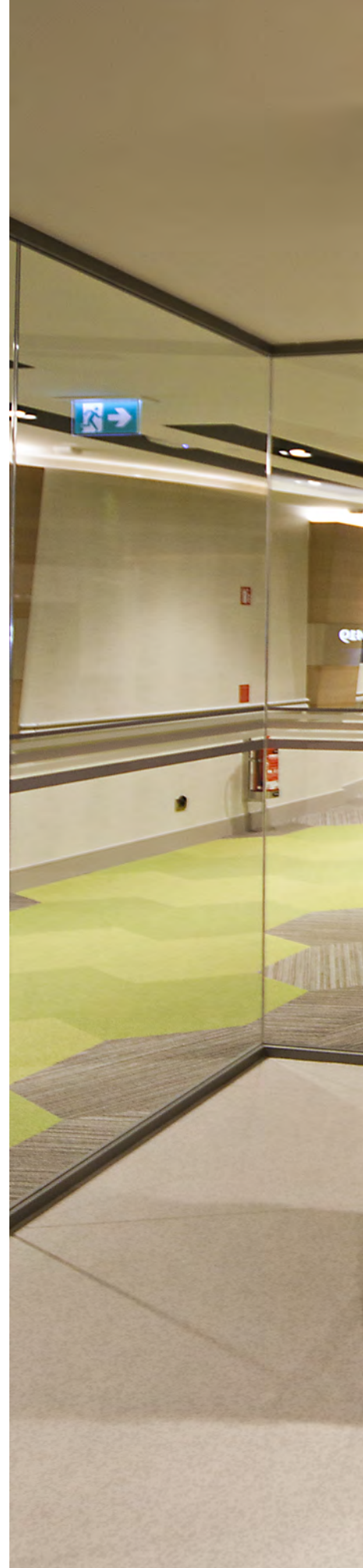
There are two different sizes in the family, either 90 mm in diameter featuring anodized metal reflector or 76 mm in diameter featuring optical lens. Thanks to its body shape which also acts as the heat sink, the product reflects an integrity in terms of form.

Recessed JOY with asymmetric reflector is the new member of family and it expands the usage area of the family with wallwasher effect. Small sized JOY-S offers a clean and controlled light thanks to its optical lens version with three different angles.

JOY-S spotlight, which succeeded in producing light without attracting attention with its minimal dimensions, it looks stylish thanks to its integrated track adaptor. This new version which has either 18 or 25W power LED, is available in three different beam angles, just like on the spotlight, in the round, square, double rectangular frame, surface body and pendant versions.

On the other hand, JOY spotlight which has the LED light source of 12 – 18 or 25W can create accent lighting without grabbing attention over its own body as small as 90 mm in diameter. When you consider the fact that options of 180° tilting over vertical axis and 330° rotating over horizontal axis are available, it is very easy to see that JOY spotlight offers almost an unlimited adjustability.

In addition to fixed round frame, adjustable round and square frames in recessed types, there are deep body options to reduce the glare effect, all of which have the same LED power.





JOY

ACIBADEM ALTUNİZADE HASTANESİ - İSTANBUL

JOY

Ailenin yarı ankastre ürünü, vurgu aydınlatmasına ihtiyaç duyulan, ancak ray spot tercih edilmeyen mekanlar için geliştirildi. Ürün, 125 mm yüksekliği sayesinde alçak asma tavan uygulamalarında kullanılabilir.

GU10 duylu sıva üstü gövde ise JOY ailesinin tamamlayıcı üyesi olarak görev yapıyor.

JOY ailesi ile çok ufak boyutlardan kontrollü ve kuvvetli bir ışık almanın tadını çıkartın...

Kullanım Alanları:

JOY ürün ailesi, genel aydınlatmanın yanı sıra özellikle vurgu aydınlatmasına ihtiyaç duyulan mağazalar, marketler, sanat galerileri, müzeler gibi yerlerde komple bir aydınlatma çözümü sunuyor. Ayrıca asma tavan veya ray spot uygulamasına yer verilen evlerdeki tablo, heykel vb dekoratif objelerin aydınlatmasında da kullanılabilir.

Semi-recessed product was developed to provide an alternative solution for areas that require accent lighting but at the same time where spotlights are not desired. This product is suitable to use in lower suspended ceilings thanks to its only 125 mm height.

Additionally, surface luminaire including GU10 lampholder serves as the complement member of the JOY family.

Enjoy a controlled and strong light from very small dimensions with the JOY family...

Application Areas:

JOY product family offers a complete lighting solutions in places like shops, markets, art galleries, museums where accent lighting is especially needed in addition to general lighting. Beside this, it can be used to illuminate the decorative objects such as statues, painting tables in homes where suspended ceiling is applied or spotlights are preferred.





JOY
ACIBADEM HASTANESİ - İSTANBUL



JOY

ACIBADEM ALTUNİZADE HASTANESİ - İSTANBUL



JOY

ACIBADEM ALTUNİZADE HASTANESİ - İSTANBUL



JOY
ACIBADEM ALTUNIZADE HASTANESİ - İSTANBUL



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ACIBADEM ALTUNIZADE HASTANESİ - İSTANBUL



JOY

ÜRÜN AİLESİ / *PRODUCT FAMILY*

JOY SPOT / SPOTLIGHT



JOY-S

JOY ANKASTRE / RECESSED



JOY-S

JOY-S

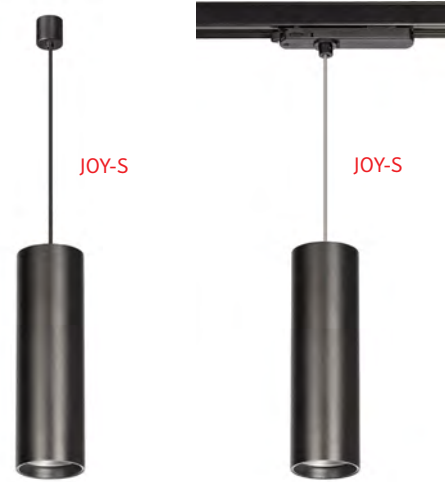
JOY-S

JOY SIVA ÜSTÜ / SURFACE MOUNTED



JOY-S

JOY SARKIT / PENDANT



JOY-S

JOY-S



- 76 mm çapında optik lensli veya 90 mm çapında anodize metal reflektörlü gövde seçeneği
- Spot, hareketli ankastre, yarı ankastre, asimetrik ankastre, siva üstü ve sarkit gövde seçenekleri
- JOY spotta dikey kit kutusu / JOY ve JOY-S spotta sürücülü ray adaptörü seçeneği
- 12 – 18 – 25W A+ sınıfı enerji verimli, L 80 50.000 saat ömürlü LED
- 1.940 – 3.610 lümen arası (LED) ışık akısı
- Özel tasarım anodize metal reflektör veya optik lens teknolojisi ile mükemmel ışık kontrolü
- JOY'da 24° – 36° reflektörlü / JOY-S'de 28° – 40° lensli ışık açısı
- 3000K - 4000K (CCT) ışık renk sıcaklığı SDCM 3
- Ankastre gövdede 30°, yarı ankastre gövdede 45°'ye kadar dikeyde yönlendirilebilme imkanı
- DALI dim seçeneği, otomasyona uyumlu (opsiyonel)

- 76 mm in diameter with optical lens or 90mm in diameter with anodized metal reflector body options
- Spotlight, adjustable recessed, semi-recessed, asymmetric recessed, surface type and pendant body options
- Horizontal and vertical kit box options for JOY spotlight / Integrated track adaptor option for JOY-S spotlight
- Class A+ energy efficient & L 80 50.000 hours life time 12 – 18 – 25W LED power
- LED lumen output between 1.940 – 3.610 lm
- Perfect control over the light with special designed anodized metal reflector or optical lens technology
- For JOY 24° – 36° beam angle with reflector / For JOY-S 28° – 40° beam angle with lens
- 3000K - 4000K (CCT) light color temperature SDCM 3
- Adjustability up to 30° for recessed body and up to 45° in vertical axis for semi-recessed body
- DALI dim option, suitable for automation (optional)

JOY

TEKNİK AÇIKLAMALAR / TECHNICAL DESCRIPTION

MAFSAL

LAMP 83 tasarımı, dikey ekseninde 90° ve yatay ekseninde 330° yönlendirilebilir polikarbon (PC) mafsal

JOINT

Adjustability to allow 90° tilting for the vertical axis and 330° rotating for the horizontal axis LAMP 83 design polycarbon (PC) joint

ARKA KAPAK

Hava akışını kolaylaştıran tamamlayıcı arka kapak

REAR COVER

A supplement rear cover which make air stream easier

LED SOKETİ

CE ve UL onaylı, lehimsiz kablolmalı ve optik kaybı azaltan özel tasarım LED soketi

LED HOLDER

CE and UL certified, solderless wiring and specially designed LED holders that reduce the optical loss

LED

Dünyanın önde gelen markalarından seçilmiş yeni nesil yüksek verimli, fotobiyolojik korumalı, 80-90 CRI renksel geri verime sahip veya kullanıma özel LED (tekstil, ambians, mücevher, unlu mamül, et, v.b.)
L80 50.000 saat ömürlü
Beyaz renkte standart sapma SDCM 3

LED

*Selected new generation LEDs from worldwide known brands which have high efficiency, photobiological protection, 80-90 color rendering index (CRI) or purposeful LED (Textile, ambience, jewellery, bakery products, meat, etc.)
L80 50.000 hours lifetime
SDCM 3*

SÜRÜCÜLÜ RAY ADAPTÖRÜ
Ray soketine entegre edilmiş yeni nesil, 50.000 saat ömürlü, düşük dalgalanmalı, sabit akımlı, Avrupa orjinli LED sürücü On/Off ve DALI seçeneekli

TRACK ADAPTER
New generation, 50.000 hours, low ripple, constant current, European origin LED driver integrated into the lighting track adapter On/Off and DALI options

SOĞUTUCU GÖVDE
Yüksek termal geçirgenlik özellikli alüminyum

HEATSINK BODY
Special aluminium alloy to provide high thermal transmittant

GÖVDE
Soğutucu performansını artıran 3mm kalınlığında alüminyum profil gövde

BODY
3 mm thick aluminium profile body that increase cooling performance

OPTİK LENS
70mm çapında UV dayanımlı, PMMA şeffaf lens
%85'i aşan optik verimlilik
28° ve 40° açı seçenekleri
115°C'ye kadar gövde sıcaklık dayanımı

OPTICAL LENS
PMMA transparent lens with 70mm diameter and UV strength
Optical efficiency higher than 85%
28° and 40° beam angles
Thermal resistance up to 115°C

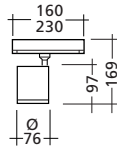
LENS SABİTLEYİCİ
Görsel derinliğe sahip özel tasarımıyla, UV dayanımı olan lens sabitleyici siyah conta

FIXED LENS GASKET
Specially designed lens fixing gasket to provide visual depth and UV strength

JOY SPOT / SPOTLIGHT



JOY-S



W • lm	Standard	DALI Dimm
18 W • 2690 lm	L SP1441031	L SP1441041
25 W • 3610 lm	L SP1441032	L SP1441042



3000K - 4000K • 1000 gr



ERC

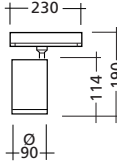


IP 20

850°



A+



W • lm	Standard	DALI Dimm
18 W • 2690 lm	L SP1422131	L SP1422141
25 W • 3610 lm	L SP1422132	L SP1422142



3000K - 4000K • 1050 gr



ERC

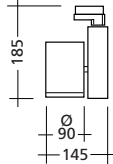
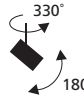


IP 20

850°



A+



W • lm	Standard	DALI Dimm
12 W • 1940 lm	L SP1422030	L SP1422040
18 W • 2690 lm	L SP1422031	L SP1422041
25 W • 3610 lm	L SP1422032	L SP1422042



3000K - 4000K • 1100 gr



ERC



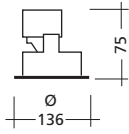
IP 20

850°



A+

JOY ANKASTRE / RECESSED



W • lm	Standard	DALI Dimm	Acil Kit Emergency Kit
12 W • 1940 lm	L AN4224030	L AN4224040	L AN4224060
18 W • 2690 lm	L AN4224031	L AN4224041	L AN4224061
25 W • 3610 lm	L AN4224032	L AN4224042	L AN4224062



3000K - 4000K • 800 - 1560 gr



ERC

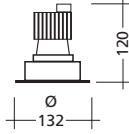


IP 20

850°



A+



W • lm	Standard	DALI Dimm	Acil Kit Emergency Kit
12 W • 1940 lm	L AN4225030	L AN4225040	L AN4225060
18 W • 2690 lm	L AN4225031	L AN4225041	L AN4225061
25 W • 3610 lm	L AN4225032	L AN4225042	L AN4225062



3000K - 4000K • 800 - 1650 gr



ERC

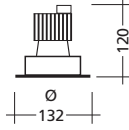


IP 20

850°



A+



W • lm	Standard	DALI Dimm	Acil Kit Emergency Kit
12 W • 1940 lm	L AN4226030	L AN4226040	L AN4226060
18 W • 2690 lm	L AN4226031	L AN4226041	L AN4226061
25 W • 3610 lm	L AN4226032	L AN4226042	L AN4226062



3000K - 4000K • 815 - 1720 gr



ERC

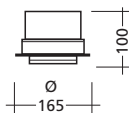


IP 20

850°



A+



W • lm	Standard	DALI Dimm	Acil Kit Emergency Kit
12 W • 1940 lm	L AN4243030	L AN4243040	L AN4243060
18 W • 2690 lm	L AN4243031	L AN4243041	L AN4243061
25 W • 3610 lm	L AN4243032	L AN4243042	L AN4243062



3000K - 4000K • 1585 - 2485 gr



ERC



IP 20

850°

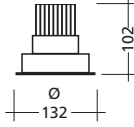


A+

JOY ANKASTRE / RECESSED



JOY-S



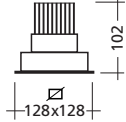
W • lm	Standard	DALI Dimm	Acil Kit Emergency Kit
12 W • 1940 lm	L AN4301030	L AN4301040	L AN4301060
18 W • 2690 lm	L AN4301031	L AN4301041	L AN4301061
25 W • 3610 lm	L AN4301032	L AN4301042	L AN4301062



3000K - 4000K • 800 - 1650 gr



JOY-S



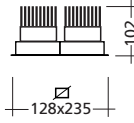
W • lm	Standard	DALI Dimm	Acil Kit Emergency Kit
12 W • 1940 lm	L AN4302030	L AN4302040	L AN4302060
18 W • 2690 lm	L AN4302031	L AN4302041	L AN4302061
25 W • 3610 lm	L AN4302032	L AN4302042	L AN4302062



3000K - 4000K • 950 - 1800 gr



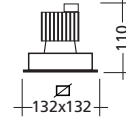
JOY-S



W • lm	Standard	DALI Dimm	Acil Kit Emergency Kit
2x(12 W • 1940 lm)	L AN4302230	L AN4302240	L AN4302260
2x(18 W • 2690 lm)	L AN4302231	L AN4302241	L AN4302261
2x(25 W • 3610 lm)	L AN4302232	L AN4302242	L AN4302262



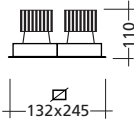
3000K - 4000K • 1800 - 2500 gr



W • lm	Standard	DALI Dimm	Acil Kit Emergency Kit
12 W • 1940 lm	L AN4234030	L AN4234040	L AN4234060
18 W • 2690 lm	L AN4234031	L AN4234041	L AN4234061
25 W • 3610 lm	L AN4234032	L AN4234042	L AN4234062



3000K - 4000K • 900 - 1780 gr



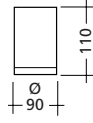
W • lm	Standard	DALI Dimm	Acil Kit Emergency Kit
2x(12 W • 1940 lm)	L AN4234230	L AN4234240	L AN4234260
2x(18 W • 2690 lm)	L AN4234231	L AN4234241	L AN4234261
2x(25 W • 3610 lm)	L AN4234232	L AN4234242	L AN4234262



3000K - 4000K • 1690 - 2585 gr



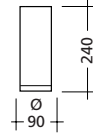
JOY SIVA ÜSTÜ / SURFACE MOUNTED



W • lm	Standard
5,5 W • 350 lm	L SU1801031
7,0 W • 460 lm	L SU1801032



3000K - 4000K • 500 gr



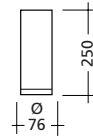
W • lm	Standard	DALI Dimm
12 W • 1940 lm	L SU1810030	L SU1810040
18 W • 2690 lm	L SU1810031	L SU1810041
25 W • 3610 lm	L SU1810032	L SU1810042



3000K - 4000K • 1090 gr



JOY-S



W • lm	Standard	DALI Dimm
12 W • 1940 lm	L SU1901030	L SU1901040
18 W • 2690 lm	L SU1901031	L SU1901041
25 W • 3610 lm	L SU1901032	L SU1901042



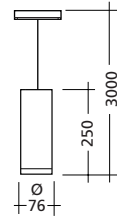
3000K - 4000K • 1250 gr



JOY SARKIT / PENDANT



JOY-S



W • lm	Standard	DALI Dimm
18 W • 2690 lm	L SK1341031	L SK1341041
25 W • 3610 lm	L SK1341032	L SK1341042

TRİFAZE RAY SOKETLİ / WITH 3-PHASE TRACK ADAPTOR

W • lm	Standard	DALI Dimm
18 W • 2690 lm	L SK1342031	L SK1342041
25 W • 3610 lm	L SK1342032	L SK1342042



3000K - 4000K • 1600 - 1800 gr

