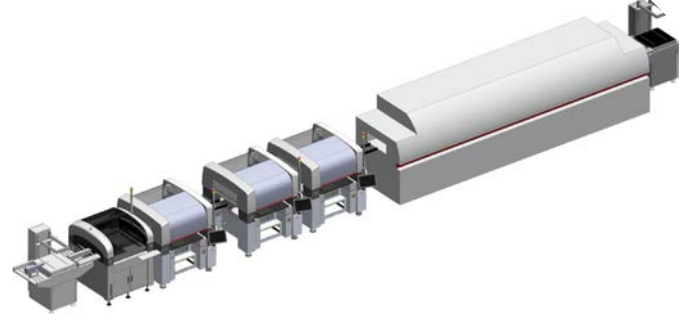
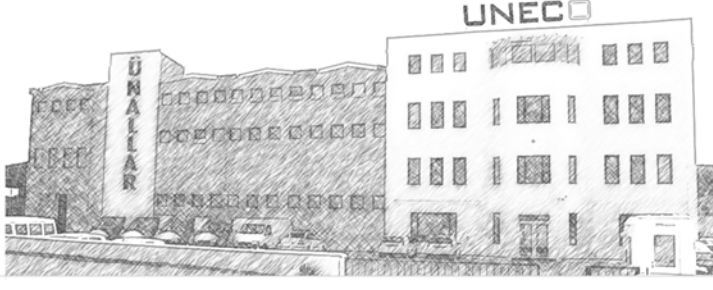




Aydınlatma LED sayesinde elektrikten elektroniğe geçiş yaptı. Bu süreç beraberinde bir takım Ar-Ge yatırımlarını da getirdi. Konu elektronik olduğu için, teknik servis veya satış sonrası hizmeti de gerektirir bir durum oluştu.

2010 yılında kurulan UNECO, ISO 9001:2008 Yönetim sertifikası ve OHSAS 18001:2007 İş Sağlığı ve Güvenliği Yönetim Sistemi sertifikalarına sahiptir. Ürünlerimiz CE ve RoHS standartlarına uygunluk sağlamaktadır.

Biz UNECO olarak, tecrübeli teknik ekibimiz ve sorunsuz hizmet anlayışımız ile üretimdeki tüm süreçlerimizde yaratıcılığı ve yenilikçiliği ön planda tutuyoruz.

Siz değerli müşterilerimizin değişen ihtiyaçlarını karşılamak üzere; elektronik malzeme, LED, UNECO Modül, lens ve LED driver hizmetlerini veriyoruz. Bu hizmetleri verirken:

- Dünyadaki LED teknolojisi gelişmelerini yakından takip ediyor, yeni çıkan ürünleri inceliyoruz.
- İhtiyaç ve beklentiye uygun tasarımı yapıp, istenilen teknik ve fiziksel özellikler ile üretiyoruz.
- Kalite kontrollerini yapıyor ve yeni kontrol mekanizmaları araştırıyoruz.
- Kullanıma hazırlanışı konusunda bilgi paylaşımında bulunup uygulama desteği veriyoruz.

Tüm bunları yaparken; müşterilerimizin proje gizliliğine büyük önem veriyoruz. Kalite, servis, fiyat ve termin konusunda en iyi olmayı hedefliyoruz.

UNECO Modül: Güçlü LED, komponent ve lens stoğumuz ile beklentiye ve ihtiyaca uygun tasarladığımız PCB'ye en verimli dizilimin yapılmasıyla hazır, gelişen teknolojiye paralel aydınlatma çözümüdür.

Due to LED technology, lighting system transformed into electronics from electric. This also brought back big R&D investments as well. Subject is electronic ; it's clear that it will need intensely of technical service or after sales service.

UNECO, founded in 2007, high-tech company and ISO 9001:2008 management, OHSAS 18001:2007 certified and registered company. All products are CE certified as well as RoHS compliant.

We as UNECO prioritize innovativeness and creativeness in all processes with our experienced technical team and hassle free service manner/we offer electronic materials, LED, Uneco Module, lenses and LED driver services for our esteemed customers. UNECO enjoys a high reputation as a LED Module designer and producer.

Meanwhile; • We keep ourselves updated on the latest worldwide developments of LED Technology and analyse new products. • We design in accordance with necessity and expectation, so produce the demanded technical and physical specs. • We have high quality control and research new control devices. • We share our know-how regarding preparation for usage and application support to our customer.

We are sensitive and have high importance to our customers' privacies. We aim to be the best in quality services, competitiveness and shortest leadtime. UNECO Modul which is parallel to developing technology, is a ready-to-use LED solution with the most productive stripe which is designed according to needs and expectations with our strong stocks of LED, component and lens.

400006	19	400164	82
400009	29	400224	80
400026	31	400260	93
400034	86	400267	92
400038	68	400279	52
400043	69	400281	46
400045	71	400282	84
400046	32	400283	51
400047	33	400288	47
400052	72	400292	50
400055	73	400293	49
400074	34	400303	91
400075	88	400306	89
400079	94	400307	39
400103	96	400318	35
400113	74	400319	81
400122	87	400320	25
400128	75	400323	85
400134	95	400324	90
400135	76	400349	48
400150	53	400374	56
400157	77	400375	57
400158	78	400376	58
400163	83	400377	59

400378	-----	60	400329R1	-----	26
400379	-----	61	400330R1	-----	40
400391	-----	5	400350R1	-----	54
400394	-----	10	400372R1	-----	7
400395	-----	11	400373R1	-----	8
400404	-----	6	400394R1	-----	13
400412	-----	12	400394R2	-----	15
400414	-----	17	400395R1	-----	14
400005R1	-----	18	400395R2	-----	16
400007R2	-----	27	TESLA100	-----	36
400008R1	-----	28	TESLA101	-----	41
400022R1	-----	30	TESLA102	-----	42
400044R1	-----	70	TESLA103	-----	62
400083R1	-----	20	TESLA104	-----	63
400083R2	-----	21	TESLA105	-----	64
400083R3	-----	22	TESLA106	-----	65
400083R5	-----	23	TESLA107	-----	66
400084R2	-----	37	TESLA108	-----	67
400084R3	-----	38			
400088R1	-----	24			
400101R2	-----	44			
400215R2	-----	43			
400220R1	-----	45			
400232R1	-----	79			



FLEXIBLE STRIP LED

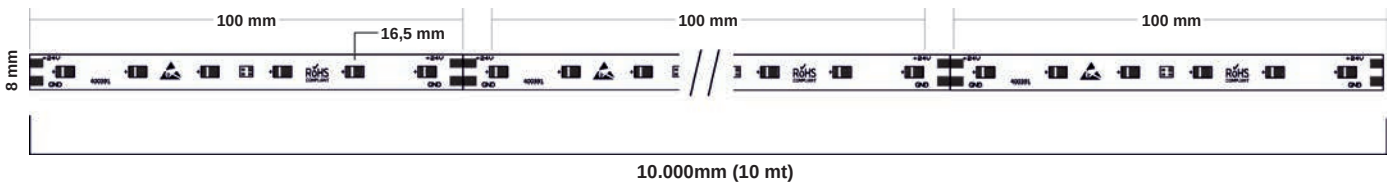
400391

uneco.com.tr/urunler/u/400391
uneco.com.tr/products/u/400391

UNECO

aflex

24V

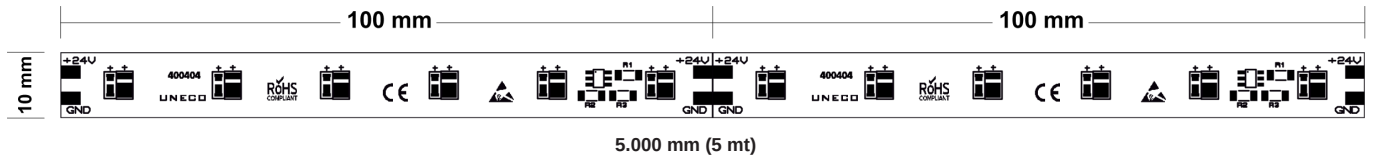
Mid
Power

Product Description

- 24V Constant Voltage Flexible LED strip (SELV)
- Constant Voltage driving with IC current
- 60 LED/m
- Color Temperature: White (2700 ... 6500K)
- Adjust the length: cuttable after every 10 cm
- Self-adhesive 3M tape on the back side for simple installation.
- 3 years guarantee
- All combinations with constant voltage LED Driver

Specific Technical Data

Order Code	Colour Temperature	Voltage (V)	Current	Luminous Flux	Watt	CRI	Roll Length
400391.600.05.001	827/2700K	24 V	0,2A/m	550-630 lm/m	4,8W/m	≥80	10m
400391.600.04.001	830/3000K						
400391.600.03.001	840/4000K						
400391.600.02.001	850/5000K						
400391.600.01.001	865/6500K						


aflex


Product Description

- 24V Constant Voltage Flexible LED strip (SELV)
- Constant Voltage driving with IC current
- 60 LED/m
- Color Temperature: White (2700 ... 6500K)
- Adjust the length: cuttable after every 10 cm
- Self-adhesive 3M tape on the back side for simple installation.
- 3 years guarantee
- All combinations with constant voltage LED Driver

Specific Technical Data

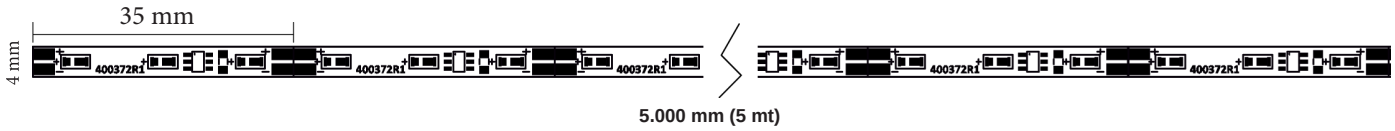
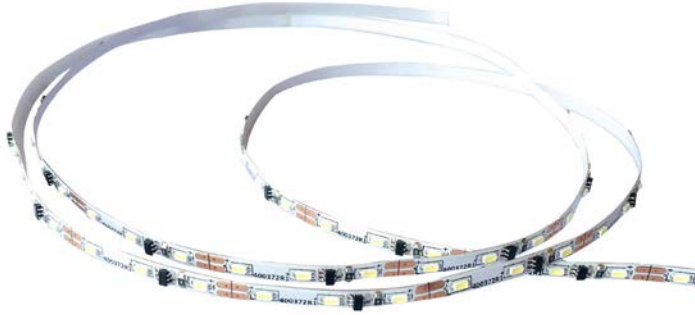
Order Code	Colour Temperature	Voltage (V)	Current	Luminous Flux	Watt	CRI	Roll Lenght
400404.500206.05	827/2700K	24 V	0,6A/m	1400-1600 lm/m	14,4W/m	≥80	10m
400404.500206.04	830/3000K						
400404.500206.03	840/4000K						
400404.500206.02	850/5000K						
400404.500206.01	865/6500K						

400372R1

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UNECO

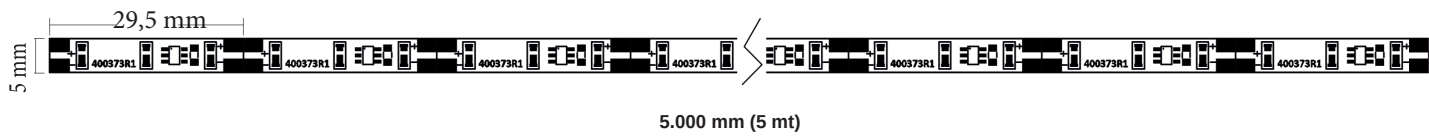
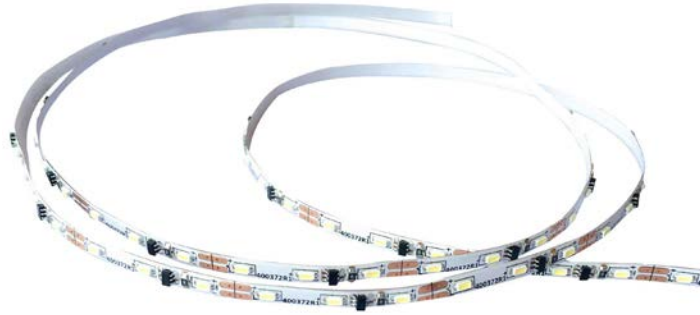
FLEX

Aflex**12V****Mid
Power****Product Description**

- 12V Constant Voltage Flexible LED strip (SELV)
- 84 LED /m
- Color Temperature : White(2700 ... 6500K)
- Adjust the length: cuttable after every 35,5 mm
- Self-adhesive 3M tape on the back side for simple installation.
- 3 years guarantee
- All combinations with constant voltage LED Driver

Specific Technical Data

Order Code	Colour Temperature	Voltage (V)	Current	Luminous Flux	Watt	CRI	Roll Length
400372.600.05.001	827/2700K	12 V	0,84A/m	830-950 lm/m	10W/m	≥80	5m
400372.600.04.001	830/3000K						
400372.600.03.001	840/4000K						
400372.600.02.001	850/5000K						
400372.600.01.001	865/6500K						

12V
**Mid
Power**
aflex


Product Description

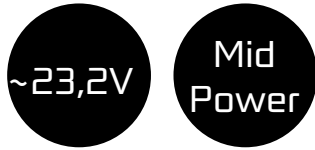
- 12V Constant Voltage Flexible LED strip (SELV)
- 102 LED /m
- Color Temperature : White(2700 ... 6500K)
- Adjust the length: cuttable after every 29,5 mm
- Self-adhesive 3M tape on the back side for simple installation.
- 3 years guarantee
- All combinations with constant voltage LED Driver

Specific Technical Data

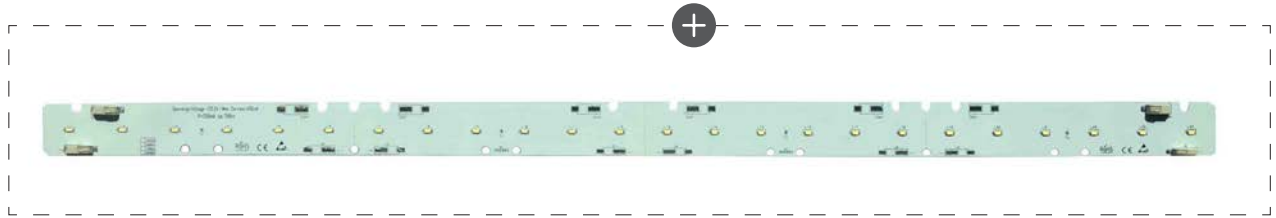
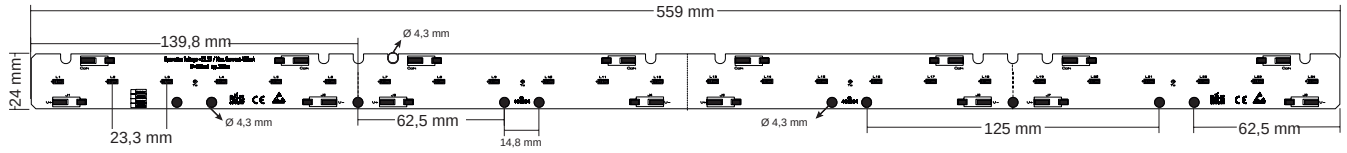
Order Code	Colour Temperature	Voltage (V)	Current	Luminous Flux	Watt	CRI	Roll Lenght
400373.600.05.001	827/2700K	12 V	1A/m	1000-1150 lm/m	12W/m	≥80	10m
400373.600.04.001	830/3000K						
400373.600.03.001	840/4000K						
400373.600.02.001	850/5000K						
400373.600.01.001	865/6500K						

penta

LINEAR FIXTURE MODULE



penta


OSRAM
DURIS E5

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Bar	560 x 24 mm	10	FR4	~23,2 V	24	8	3	-20/+45

Driver Current	Luminous Flux				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
250 mA	734	792	859	859	6	~23,2 V	≥80
300 mA	854	922	998	998	7,2		≥80
350 mA	958	1034	1121	1121	8,5		≥80

400395

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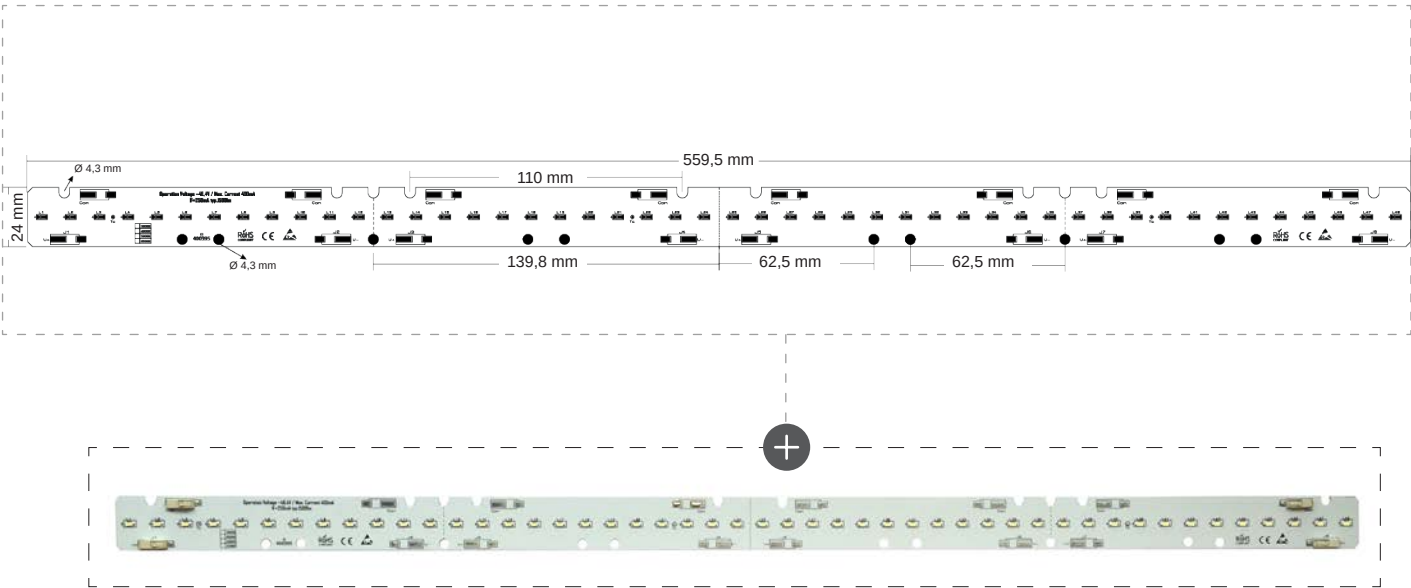
UNECO

penta

~46,4V

Mid
Power

PENTA



OSRAM

DURIS E5

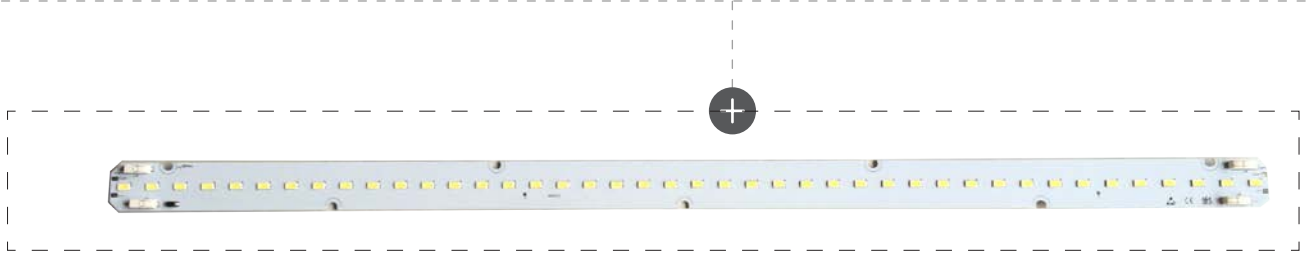
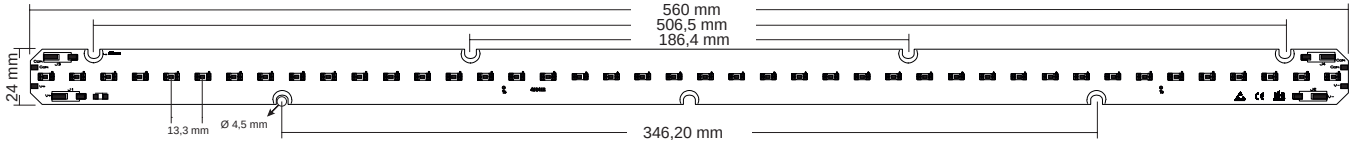
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Bar	560 x 24 mm	10	FR4	~46,4 V	48	16	3	-20/+45

Driver Current	Luminous Flux				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
250 mA	1469	1584	1718	1718	11,6	~46,4 V	≥80
300 mA	1709	1843	1997	1997	14		≥80
350 mA	1915	2069	2242	2242	16,2		≥80

~42V

Mid
Power

penta


OSRAM

DURIS E5

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Bar	560 x 24 mm	10	FR4	~42 V	42	14	3	-20/+45

Driver Current	Luminous Flux				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
250 mA	1344	1470	1596	1598	11	~42 V	≥80
300 mA	1629	1764	1932	1932	13		≥80
350 mA	1848	2016	2184	2184	15		≥80

400394R1

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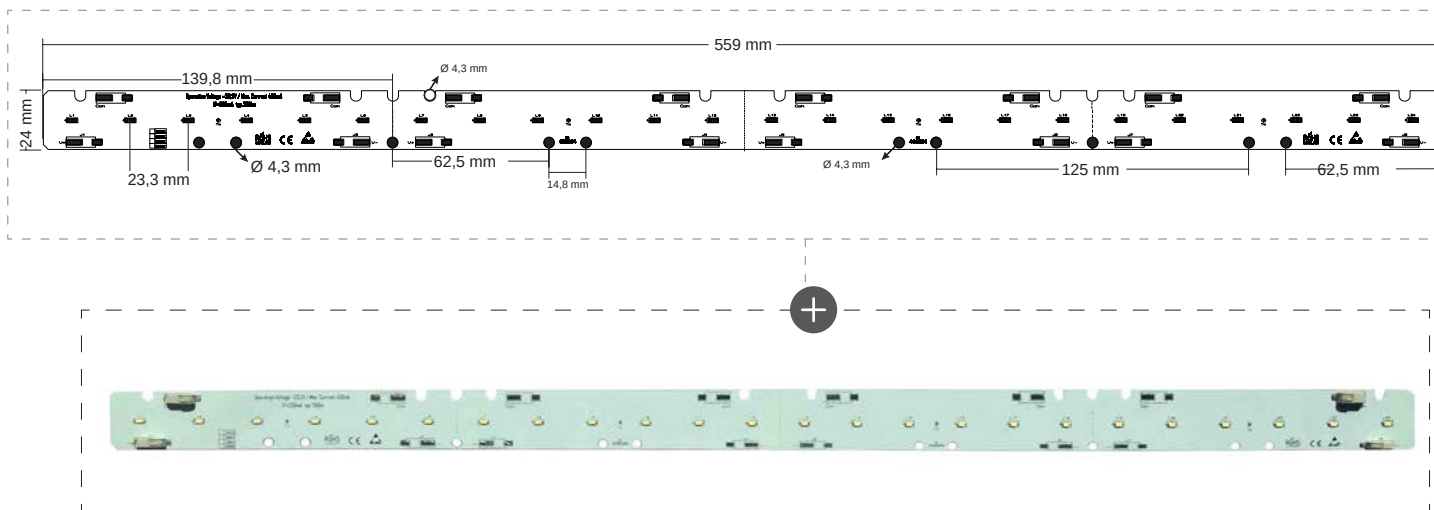
UNECO

penta

~11V

Mid
Power

PENTA



OSRAM

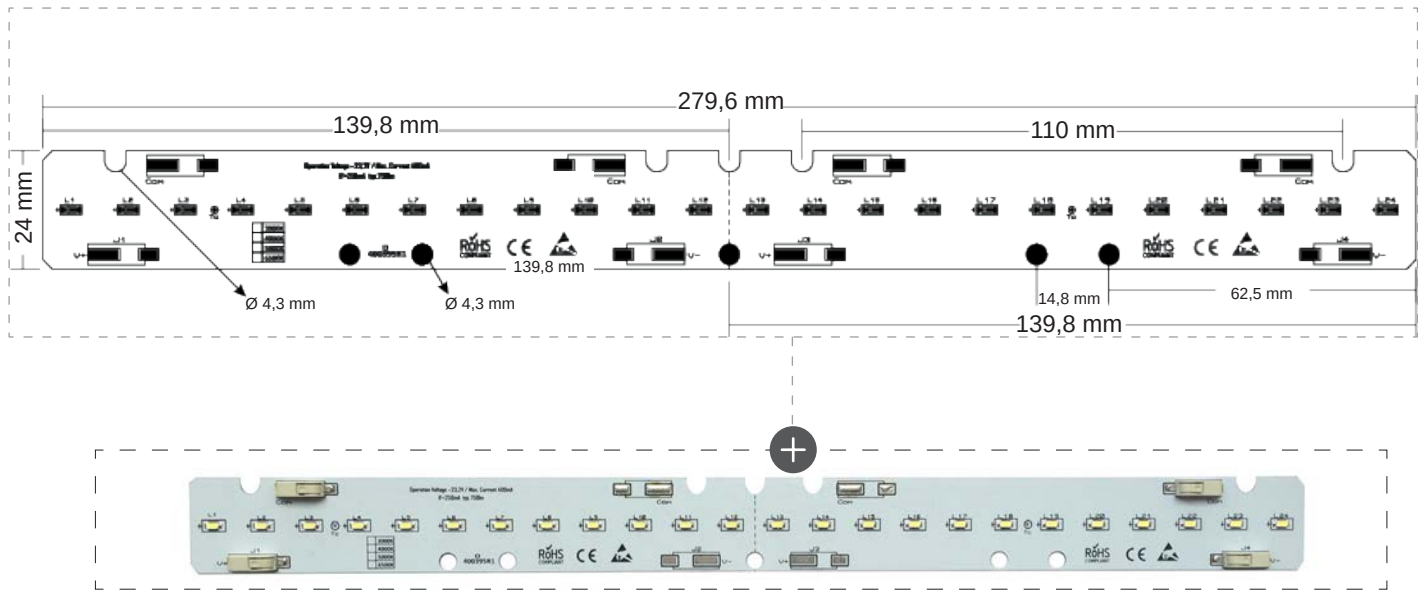
DURIS E3

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Bar	280 x 24 mm	10	FR4	~11,4 V	12	4	3	-20/+45

Driver Current	Luminous Flux				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
250 mA	367	396	430	430	3	~11,4 V	≥80
300 mA	427	461	399	399	3,6		≥80
350 mA	479	517	560	560	4,2		≥80



penta


OSRAM
DURIS E3

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Bar	280 x 24 mm	10	FR4	~23,2 V	24	8	3	-20/+45

Driver Current	Luminous Flux				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
250 mA	730	790	850	850	5,8	~23,2 V	≥80
300 mA	850	915	990	990	7		≥80
350 mA	950	1020	1120	1120	8,2		≥80

400394R2

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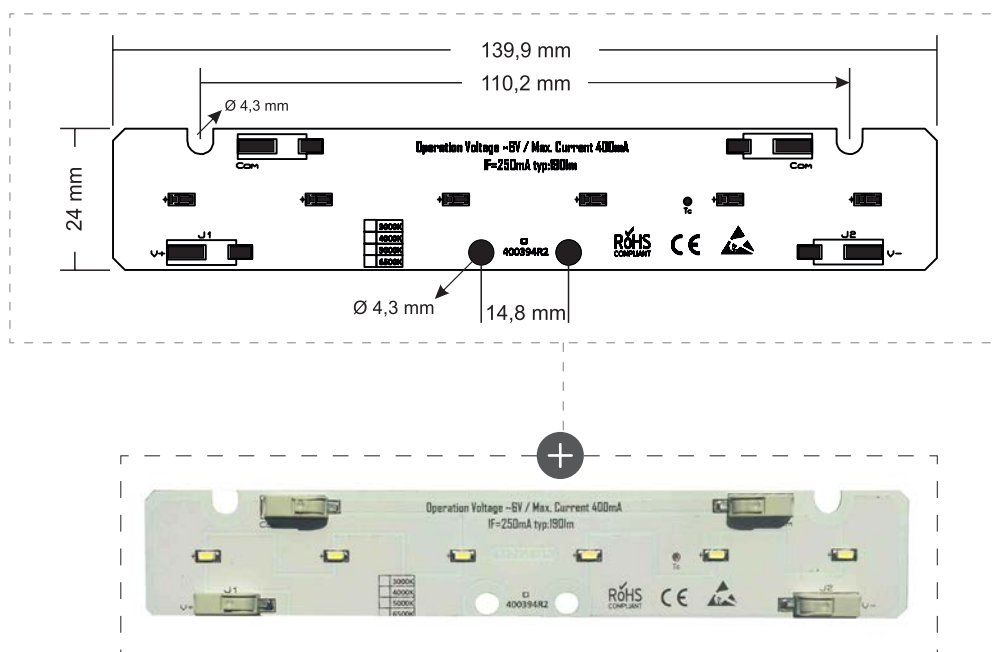
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penta

~6V

Mid
Power

PENTA



OSRAM

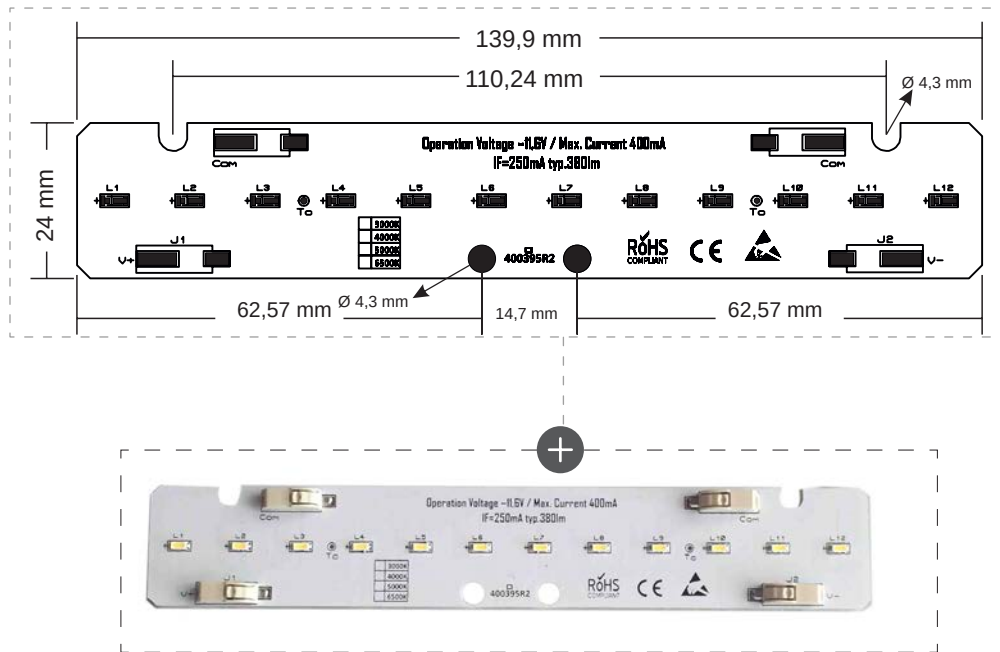
DURIS E3

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Bar	140 x 24 mm	10	FR4	~6 V	6	2	3	-20/+45

Driver Current	Luminous Flux				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
250 mA	184	198	215	215	1,5	~6 V	≥80
300 mA	214	230	250	250	1,8		≥80
350 mA	239	259	280	280	2		≥80



penta


OSRAM
DURIS E3

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Bar	140 x 24 mm	10	FR4	~11,6 V	12	4	3	-20/+45

Driver Current	Luminous Flux				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
250 mA	367	396	430	430	3	~11,6 V	≥80
300 mA	427	461	499	499	3,5		≥80
350 mA	479	517	560	560	4		≥80

400414

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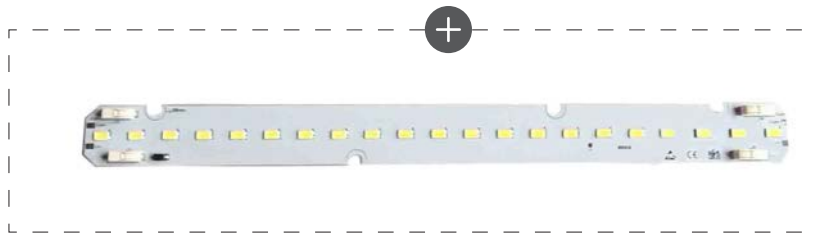
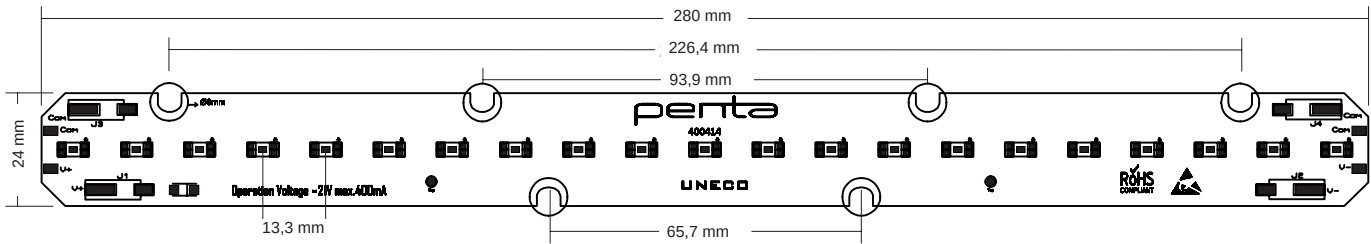
UNECO

penta

21V

Mid
Power

PENTA



OSRAM

DURIS E3

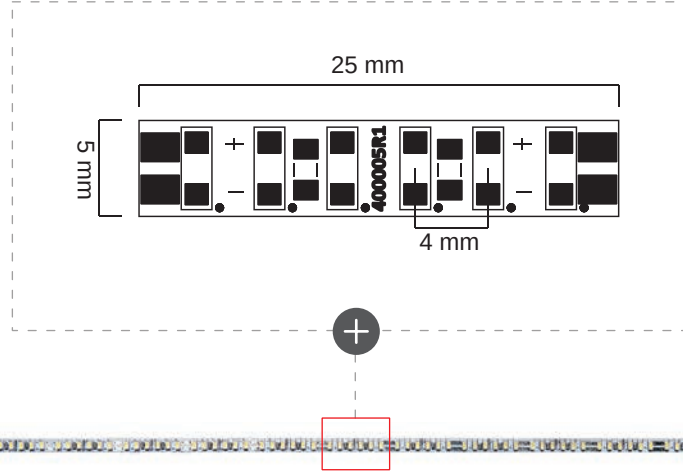
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Bar	280 x 24 mm	10	FR4	~21 V	21	7	3	-20/+45

Driver Current	Luminous Flux				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
250 mA	672	735	798	798	5,5	~21 V	≥80
300 mA	815	882	966	966	6,5		≥80
350 mA	924	1008	1092	1092	7,5		≥80

12V

Low Power

LINEAR



OSRAM

DURIS E3

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	25 x 5 mm	-	FR4 (2 Layer)	12 V	6	3	2	-20/+45
Bar	500 x 5 mm	10	FR4 (2 Layer)	12 V	120	3	40	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
20 mA	828	888	960	960	9,6	12	≥80
25 mA	1008	1080	1176	1176	12	12	≥80

Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

400006

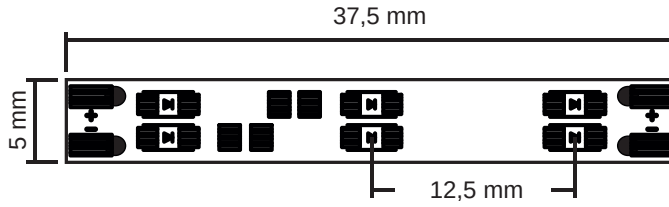
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UNECO

12V

Low
Power

LINEAR



OSRAM

DURIS E3

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	37,5 x 5 mm	-	FR4 (2 Layer)	12 V	6	3	2	-25/+45
Bar	487,5 x 5 mm	10	FR4 (2 Layer)	12 V	78	3	26	-25/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
20 mA	538	577	624	624	6,2	12	≥80
25 mA	655	702	764	764	7,8	12	≥80
30 mA	722	826	889	889	9,4	12	≥80

Driver Selection

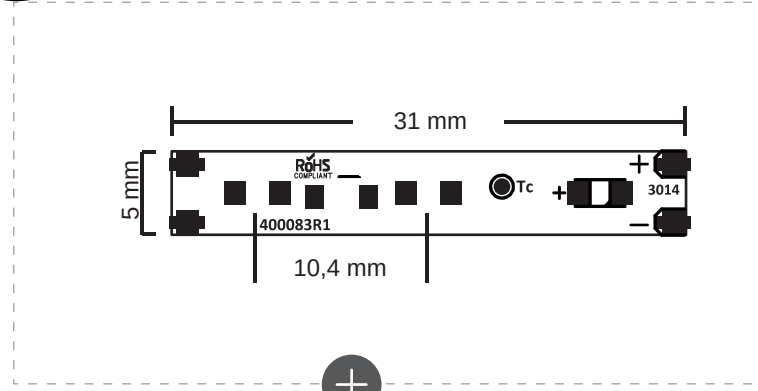
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

400006 2016-V3

19

12V

Low Power



OSRAM

DURIS E3

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	31 x 5 mm	-	CEM1	12 V	3	3	1	-20/+45
Bar	496 x 5 mm	10	CEM1	12 V	48	3	16	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
20 mA	331	355	384	384	3,8	12	≥80
25 mA	403	432	470	470	4,8	12	≥80
30 mA	475	508	547	547	5,8	12	≥80

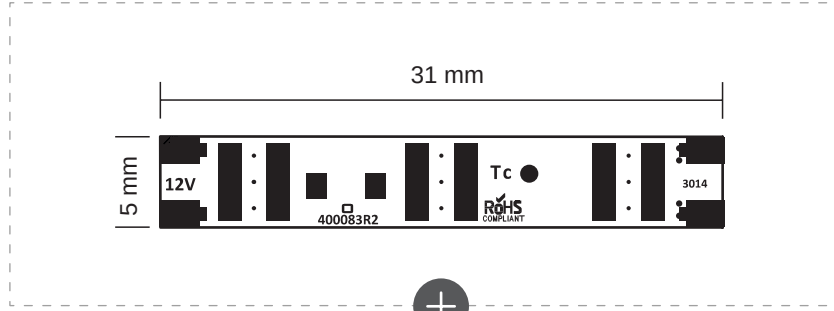
Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

400083R2

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UNECO**12V****Low
Power**

LINEAR

**OSRAM****DURIS E3**

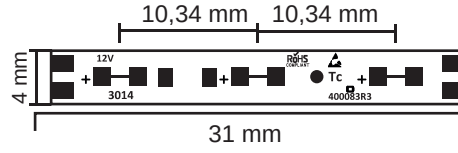
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	31 x 5 mm	-	FR4 (2 Layer)	12 V	3	3	1	-20/+45
Bar	495 x 5 mm	10	FR4 (2 Layer)	12 V	48	3	16	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
20 mA	331	355	384	384	3,8	12	≥80
25 mA	403	432	470	470	4,8	12	≥80
30 mA	475	508	547	547	5,8	12	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

12V

Low
Power



OSRAM

DURIS E3

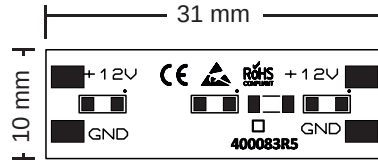
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	31 x 4 mm	-	CEM1	12 V	3	3	1	-20/+45
Bar	395 x 4 mm	10	CEM1	12 V	48	3	16	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
20 mA	331	355	384	384	3,8	12	≥80
25 mA	403	432	470	470	4,8	12	≥80
30 mA	475	508	547	547	5,8	12	≥80

Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

400083R5

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UNECO**12V****Low
Power****OSRAM****DURIS E3**

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	31 x 10 mm	-	CEM1	12 V	3	3	1	-20/+45
Bar	495 x 10 mm	10	CEM1	12 V	48	3	16	-20/+45

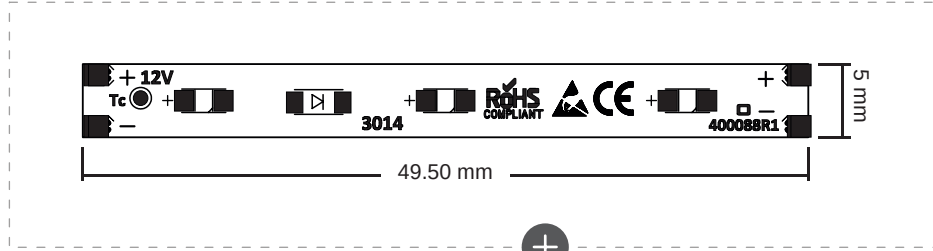
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
20 mA	331	355	384	384	3,8	12	≥80
25 mA	403	432	470	470	4,8	12	≥80
30 mA	475	508	547	547	5,8	12	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

12V

Low
Power

LINEAR



OSRAM

DURIS E3

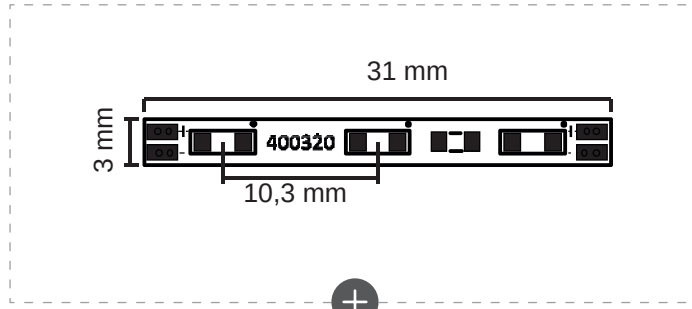
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	49,5 x 5 mm	-	CEM1	12 V	3	3	1	-20/+45
Bar	495 x 5 mm	10	CEM1	12 V	30	3	10	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
20 mA	207	222	240	240	2,4	12	≥80
25 mA	252	270	294	294	3	12	≥80
30 mA	297	318	342	342	3,6	12	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

400320

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UNECO**12V****Low
Power****OSRAM****DURIS E3**

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	31 x 3 mm	-	FR4 (2 Layer)	12 V	3	3	1	-20/+45
Bar	495 x 3 mm	20	FR4 (2 Layer)	12 V	48	3	16	-20/+45

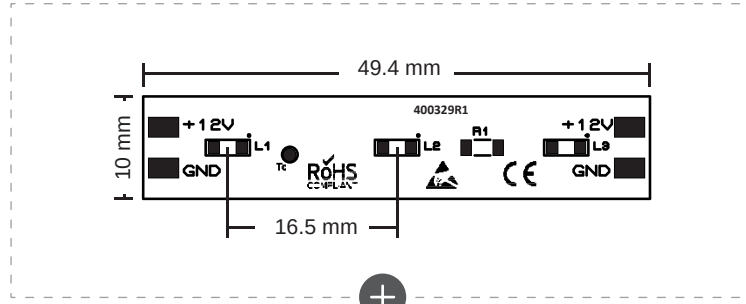
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
20 mA	331	355	384	384	3,8	12	≥80
25 mA	403	432	470	470	4,8	12	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

12V

Low
Power

LINEAR



OSRAM

DURIS E3

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	49,5 x 10 mm	-	CEM1	12 V	3	3	1	-20/+45
Bar	495 x 10 mm	10	CEM1	12 V	30	3	10	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
40 mA	486	525	570	570	4,8	12	≥80
60 mA	699	750	810	810	7,2	12	≥80
80 mA	891	960	1020	1020	9,6	12	≥80

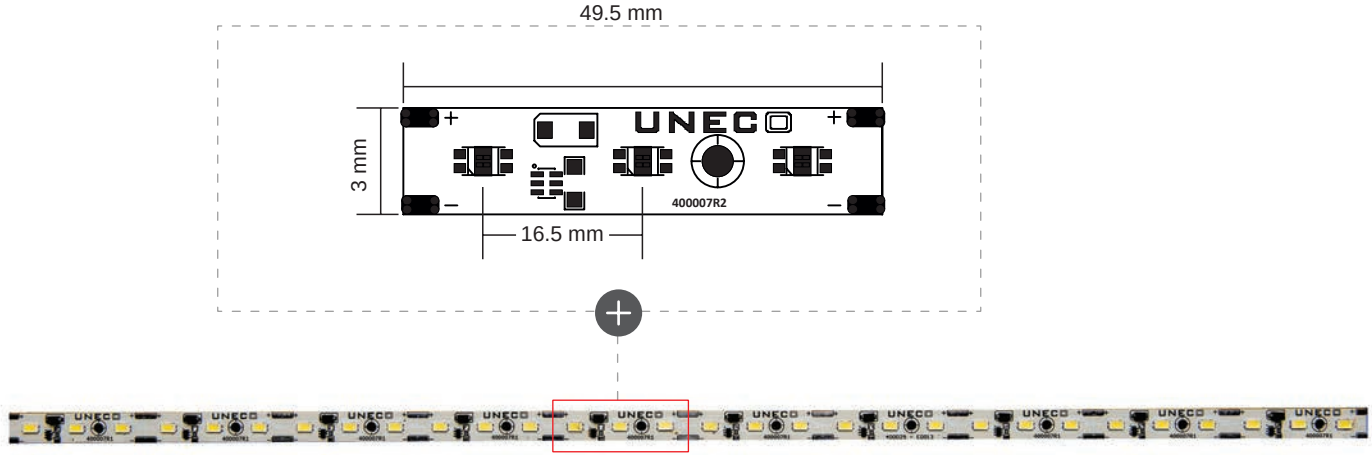
Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

400007R2

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uneco.com.tr/products/u/400007R1

UNECO**12V****Mid
Power**

LINEAR

**OSRAM****DURIS E5**

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	51 x 11 mm	-	CEM1	12 V	3	3	1	-25/+45
Bar	510 x 11 mm	10	CEM1	12 V	30	3	10	-25/+45

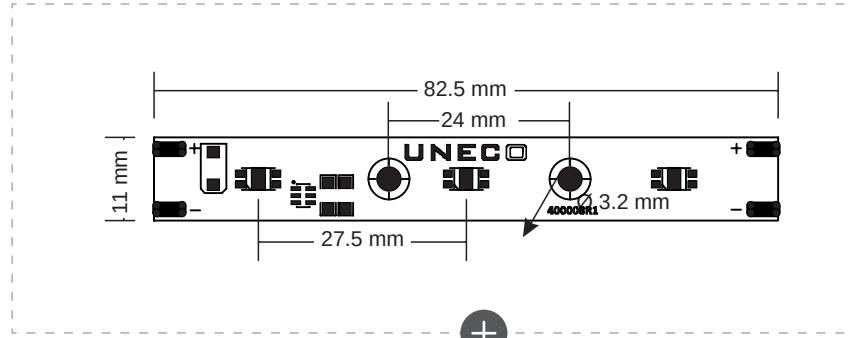
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	720	780	855	855	7,2	12	≥80
80 mA	1164	1260	1380	1380	9,6	12	≥80
100 mA	1581	1710	1860	1860	12	12	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

12V

Mid
Power

LINEAR



OSRAM

DURIS E5

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	82,5 x 11 mm	-	CEM1	12 V	3	3	1	-20/+45
Bar	495 x 11 mm	10	CEM1	12 V	18	3	6	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	432	468	513	513	4,3	12	≥80
80 mA	558	607	666	666	5,8	12	≥80
100 mA	698	756	828	828	7,2	12	≥80

Driver Selection

FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

400009

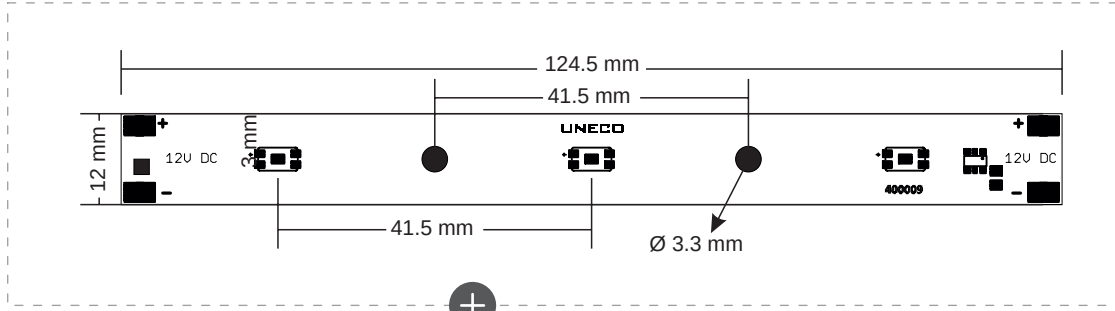
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uneco.com.tr/products/u/400009

UNECO

12V

Mid
Power

LINEAR



OSRAM

DURIS E5

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	124,5 x 12 mm	-	FR4	12 V	3	3	1	-25/+45
Bar	498 x 12 mm	10	FR4	12 V	12	3	4	-25/+45

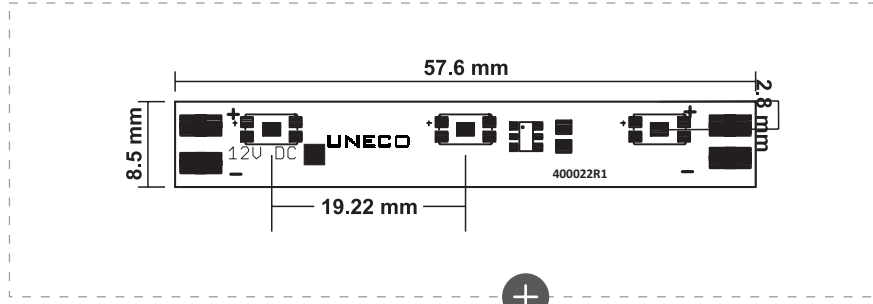
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	288	312	342	342	2,9	12	≥80
80 mA	372	404	444	444	3,8	12	≥80
100 mA	466	504	552	552	4,8	12	≥80

Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

12V

Mid
Power

LINEAR



OSRAM

DURIS E5

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	57,5 x 8,5 mm	-	FR4(2 Layer)	12 V	3	3	1	-25/+45
Bar	460 x 8,5 mm	10	FR4(2 Layer)	12 V	24	3	8	-25/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	576	624	684	684	5,8	12	≥80
80 mA	744	809	888	888	7,7	12	≥80
100 mA	931	1008	1104	1104	9,6	12	≥80

Driver Selection

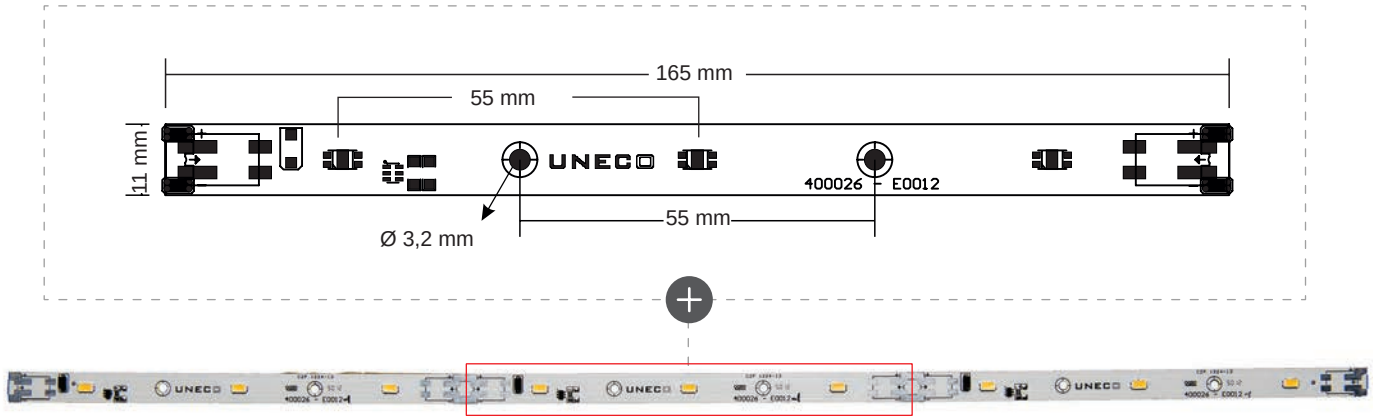
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

400026

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UNECO**12V****Mid
Power**

LINEAR

**OSRAM****DURIS E5**

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	165 x 11 mm	-	CEM1	12 V	3	3	1	-20/+45
Bar	495 x 11 mm	10	CEM	12 V	9	3	3	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	216	234	257	257	2,2	12	≥80
80mA	279	303	333	333	2,9	12	≥80
100 mA	349	378	414	414	3,6	12	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

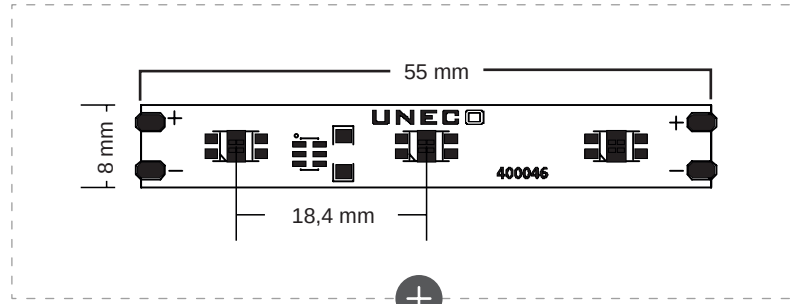
400026 2016-V3

31

12V

Mid
Power

LINEAR



OSRAM

DURIS E5

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	55 x 8 mm	-	CEM1	12 V	3	3	1	-20/+45
Bar	495 x 8 mm	10	CEM1	12 V	27	3	9	-20/+45

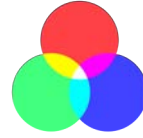
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	648	702	770	770	6,5	12	≥80
80 mA	837	910	999	999	8,6	12	≥80
100 mA	1048	1134	1242	1242	10,8	12	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

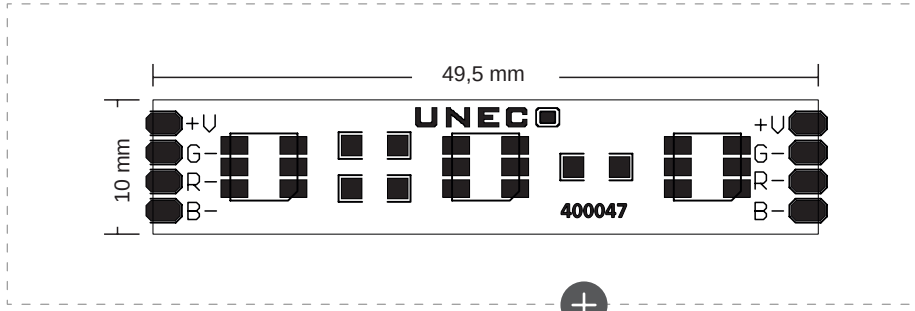
400047

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UNECO



12V

Mid
Power

TESLA OPTO

5050 (White)

5050 (RGB)

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	49,5 x 10 mm	-	FR4 (2 Layer)	12 V	3	3	-20/+45
Bar	495 x 10 mm	15	FR4 (2 Layer)	12 V	30	3	10

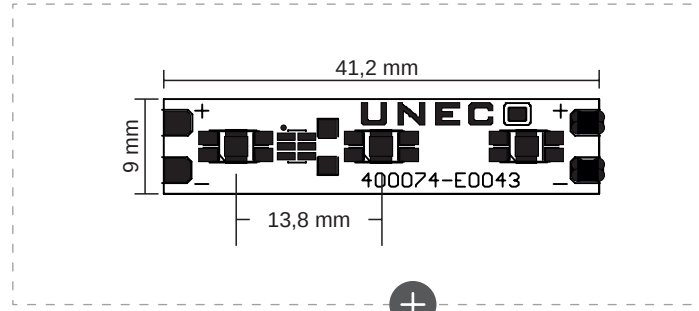
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	690	720	750	750	7,2	12	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

12V

Mid
Power

LINEAR



OSRAM

DURIS E5

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	41,25 x 9 mm	-	FR4(2 Layer)	12 V	3	3	1	-20/+45
Bar	495 x 9 mm	10	FR4(2 Layer)	12 V	36	3	12	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	864	936	1026	1026	8,6	12	≥80
80 mA	1116	1213	1332	1332	11,5	12	≥80

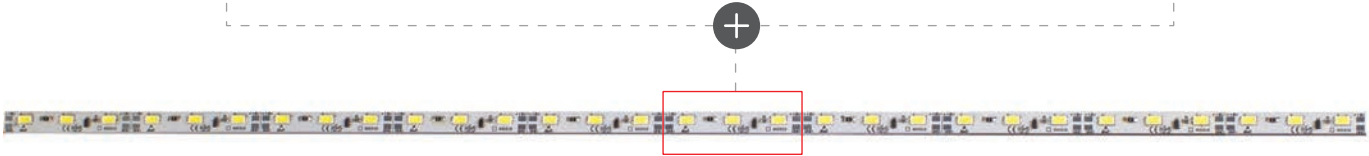
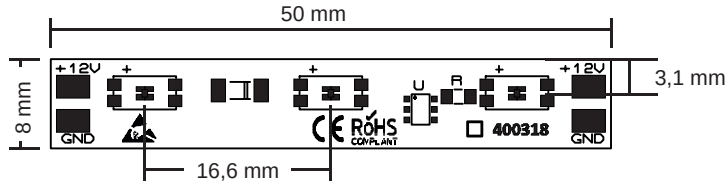
Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

400318

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UNECO**12V****Mid
Power**

LINEAR

**OSRAM****DURIS E5**

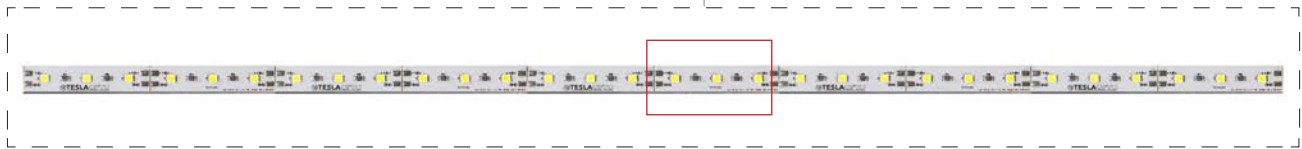
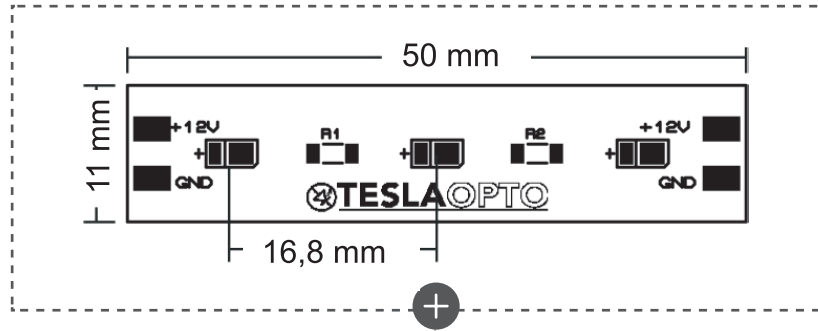
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	50 x 8 mm	-	ALU	12 V	3	3	1	-25/+45
Bar	500 x 8 mm	10	ALU	12 V	30	3	10	-25/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	639	687	741	741	7,2	12	≥80
100 mA	996	1080	1167	1161	12	12	≥80
140 mA	1329	1434	1551	1551	16,8	12	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

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35



TESLA OPTO

S2835B

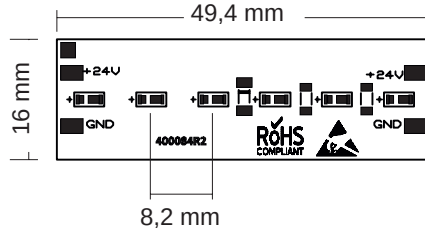
S2835A

	Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	500 x 11 mm	-	FR4(2 Layer)	12 V	3	3	1	-20/+45
Bar	50 x 11 mm	10	FR4(2 Layer)	12 V	30	3	10	-20/+45

	LED Current	Lumen				Watt	Vf(V)	CRI
		3000K	4000K	5000K	6500K			
S2835A S2835B	80 mA	960	1020	1050	1050	9,6	12	≥70
	100 mA	1200	1260	1410	1410	12	12	≥70
	120 mA	1350	1410	1445	1445	14,4	12	≥70
	40 mA	495	510	555	555	4,8	12	≥70
	50 mA	600	630	660	660	6	12	≥70
	60 mA	750	780	810	810	7,2	12	≥70

400084R2

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UNECO**24V****Low
Power****OSRAM**

DURIS E3

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	49,4 x 16 mm	-	CEM1	24 V	6	6	1	-20/+45
Bar	494 x 16 mm	10	CEM1	24 V	60	6	10	-20/+45

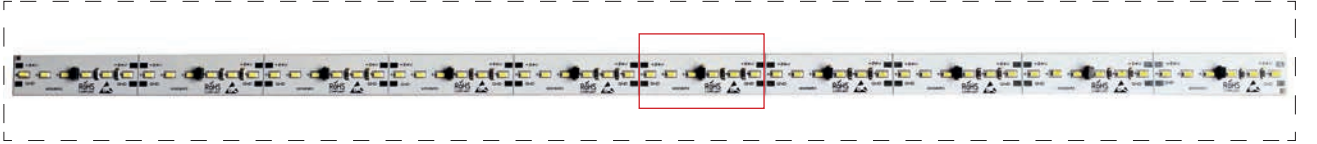
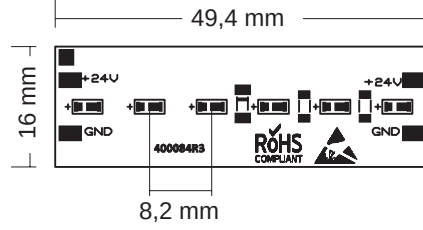
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
20 mA	414	444	480	480	4,8	24	≥80
25 mA	504	540	588	588	6	24	≥80
30 mA	594	636	684	684	7,2	24	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-24G	40 W/24 V 1,7 A
	FSP60-SZFP-24G	60 W/ 24 V 2,5 A
	FSP200-1FUB-24	200 W/24 V 8,3 A
	FSP250-1FUA-24	250 W/24 V 10,4 A

24V

Low
Power

LINEAR



OSRAM

DURIS E3

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	49,4 x 16 mm	-	ALU	24 V	6	6	1	-20/+45
Bar	494 x 16 mm	10	ALU	24 V	60	6	10	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
40 mA	972	1050	1140	1140	9,6	24	≥80
50 mA	1164	1254	1362	1362	12	24	≥80
60 mA	1398	1500	1620	1620	14,4	24	≥80

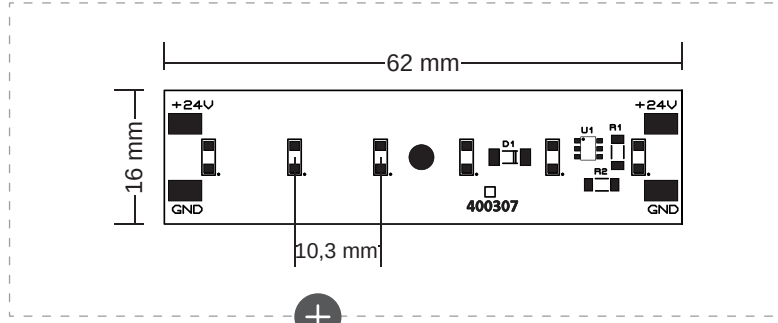
Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-24G	41 W/24 V 1,7 A
	FSP60-SZFP-24G	60 W/ 24 V 2,5 A
	FSP200-1FUB-24	200 W/24 V 8,3 A
	FSP250-1FUA-12	250 W/24 V 10,4 A

400307

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uneco.com.tr/products/u/400307

UNECO

24V

Low
Power

OSRAM

DURIS E5

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	62 x 16 mm	-	CEM1	24 V	6	3	1	-20/+45
Bar	496 x 16 mm	10	CEM1	24 V	48	3	8	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
40 mA	777	840	912	912	7,68	24	≥80
60 mA	1118	1200	1296	1296	11,5	24	≥80
80 mA	1425	1536	1632	1632	15,4	24	≥80

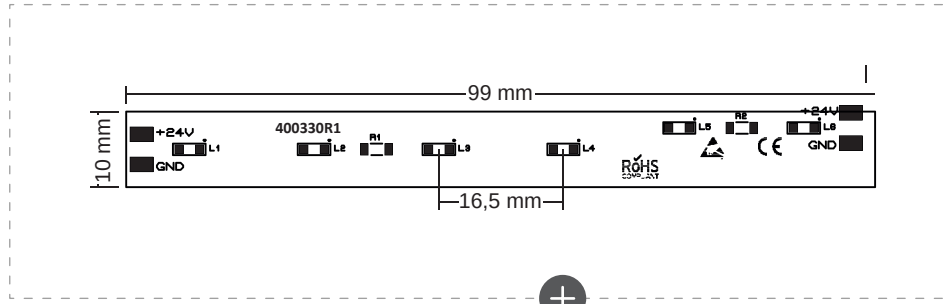
Driver Selection

FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-24G	41 W/24 V 1,7 A
	FSP60-SZFP-24G	60 W/24 V 2,5 A
	FSP200-1FUA-24	200 W/24 V 8,3 A
	FSP250-1FUA-24	250 W/24 V 10,4 A

24V

Low Power

LINEAR



OSRAM

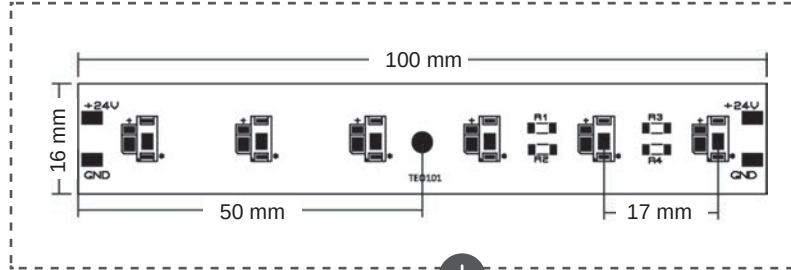
DURIS E5

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	99 x 10 mm	-	CEM1	24 V	6	6	1	-20/+45
Bar	495 x 10 mm	10	CEM	24 V	30	6	5	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
40 mA	486	525	570	570	4,8	24	≥80
60 mA	699	750	810	810	7,2	24	≥80
80 mA	891	960	1020	1020	9,6	24	≥80

Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-24G	41 W/24 V 1,7 A
	FSP60-SZFP-24G	60 W/24 V 2,5 A
	FSP200-1FUA-24	200 W/24 V 8,3 A
	FSP250-1FUA-24	250 W/24 V 10,4 A

24V

Mid
Power

TESLA OPTO

S2835B

S2835A

S5730A

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	500 x 16 mm	-	ALU	24 V	6	6	1	-20/+45
Bar	100 x 8 mm	10	ALU	24 V	30	6	5	-20/+45

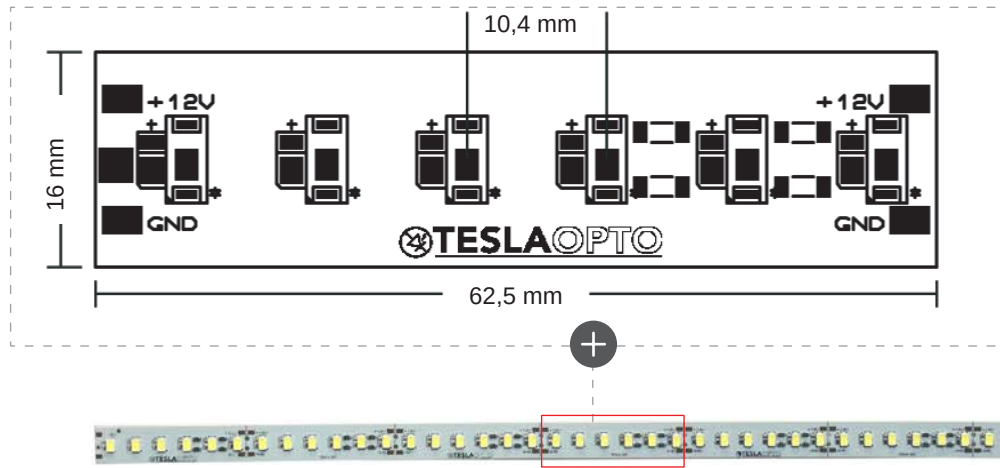
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
80 mA	960	1020	1050	1050	9,6	24	≥70
100 mA	1200	1260	1410	1410	12	24	≥70
120 mA	1350	1410	1445	1445	14,4	24	≥70
80 mA	960	1020	1050	1050	9,6	24	≥70
100 mA	1200	1260	1290	1290	12	24	≥70
120 mA	1350	1410	1440	1440	14,4	24	≥70

S2835B
S5730A

LINEAR

24V

Mid
Power



TESLA OPTO

S2835B

S2835A

S5730A

	Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	500 x 16 mm	-	CEM1	24 V	6	6	1	-20/+45
Bar	62,5 x 16 mm	10	CEM1	24 V	48	6	8	-20/+45

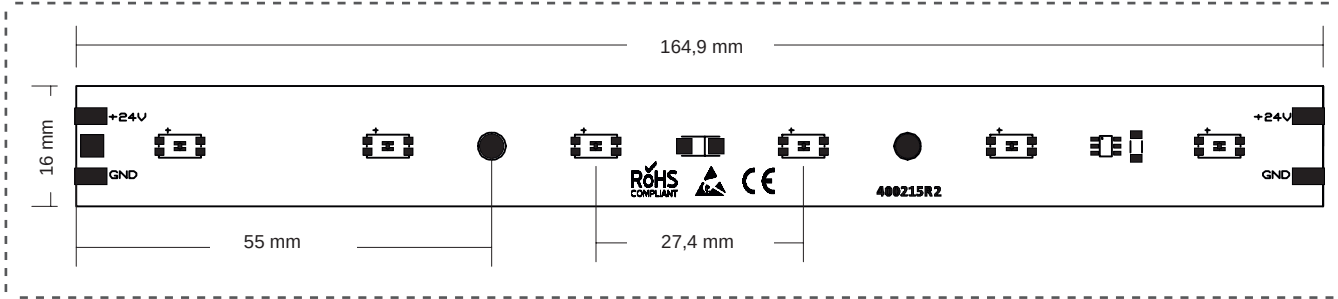
	LED Current	Lumen				Watt	Vf(V)	CRI
		3000K	4000K	5000K	6500K			
S2835B	60 mA	1152	1200	1248	1248	11,5	24	≥70
	80 mA	1536	1632	1680	1680	15,4	24	≥70
	100 mA	1920	2016	2064	2064	19,4	24	≥70
S5730A	60 mA	1152	1020	1248	1248	11,5	24	≥80
	80 mA	1536	1632	1680	1680	15,4	24	≥80
	100 mA	1920	2016	2064	2064	19,4	24	≥80

400215R2

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UNECO**24V****Mid
Power**

LINEAR

**OSRAM****DURIS E5**

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	165 x 16 mm	-	ALU	24 V	6	6	1	-20/+45
Bar	495 x 16 mm	10	ALU	24 V	18	6	3	-20/+45

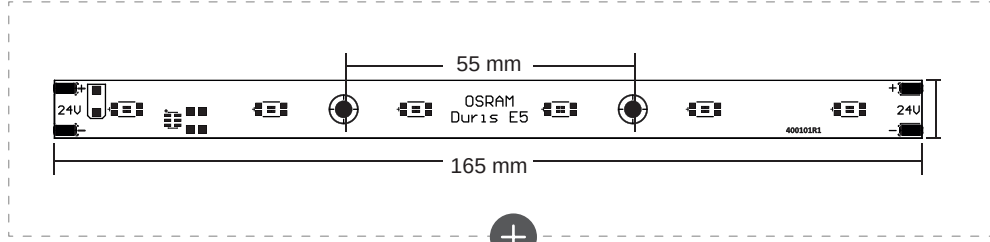
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	432	468	513	513	4,3	24	≥80
100 mA	698	756	828	828	7,2	24	≥80
140 mA	949	1026	1116	1116	10,1	24	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-24G	41 W/24 V 1,7 A
	FSP60-SZFP-24G	60 W/ 24 V 2,5 A
	FSP200-1FUB-24	200 W/24 V 8,3 A
	FSP250-1FUA-24	250 W/24 V 10,4 A

24V

Mid
Power

LINEAR



OSRAM

DURIS E5

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	165 x 11 mm	-	CEM1	24 V	6	6	1	-20/+45
Bar	495 x 11 mm	10	CEM1	24 V	18	6	3	-20/+45

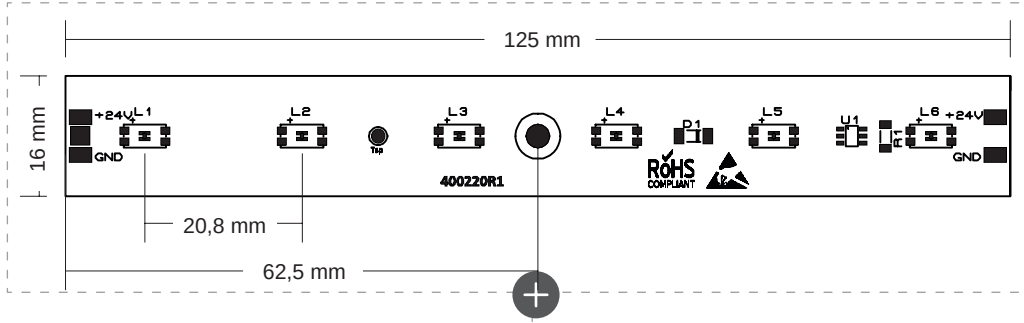
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	432	468	513	513	4,3	24	≥80
80 mA	558	607	666	666	5,8	24	≥80
100 mA	698	756	828	828	7,2	24	≥80

Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-24G	41 W/24 V 1,7 A
	FSP60-SZFP-24G	60 W/24 V 2,5 A
	FSP200-1FUA-24	200 W/24 V 8,3 A
	FSP250-1FUA-24	250 W/24 V 10,4 A

400220R1

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UNECO**24V****Mid
Power****OSRAM****DURIS E5**

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	125 x 16 mm	-	ALU	24 V	6	6	1	-20/+45
Bar	500 x 16 mm	10	ALU	24 V	24	6	4	-20/+45

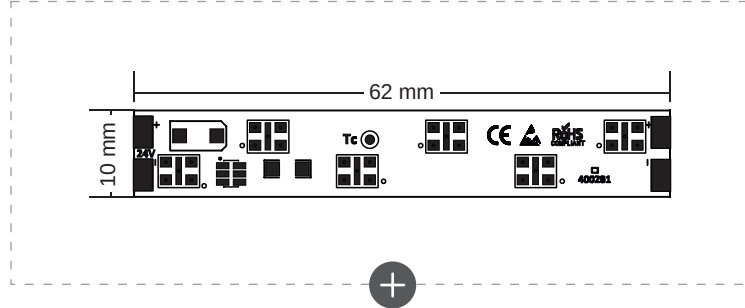
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	576	624	684	684	5,8	24	≥80
100 mA	931	1008	1104	1104	9,6	24	≥80
140 mA	1265	1368	1488	1488	13,4	24	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-24G	41 W/24 V 1,7 A
	FSP60-SZFP-24G	60 W/24 V 2,5 A
	FSP200-1FUA-24	200 W/24 V 8,3 A
	FSP250-1FUA-24	250 W/24 V 10,4 A

24V

Mid
Power

LINEAR



CREE

ML-B

ML-E

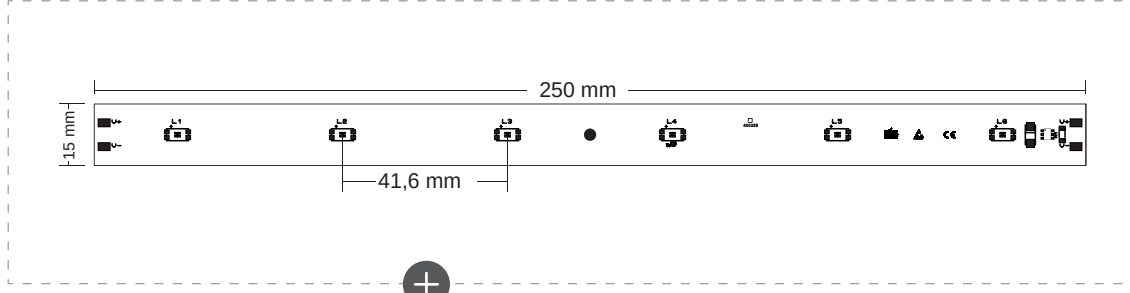
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	62 x 10 mm	-	CEM1	24 V	6	6	1	-20/+45
Bar	310 x 10 mm	10	CEM1	24 V	30	6	5	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
100 mA	511	907	950	950	12	24	typ.75
125 mA	796	1082	1133	1133	15	24	typ.75

Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-24G	41 W/24 V 1,7 A
	FSP60-SZFP-24G	60 W/24 V 2,5 A
	FSP200-1FUA-24	200 W/24 V 8,3 A
	FSP250-1FUA-24	250 W/24 V 10,4 A

400288

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UNECO**24V****Mid
Power**

LINEAR

OSRAM**DURIS E5**

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	250 x 15,5 mm	-	CEM1	24 V	6	6	1	-20/+45
Bar	500 x 15,5 mm	10	CEM	24 V	12	6	2	-20/+45

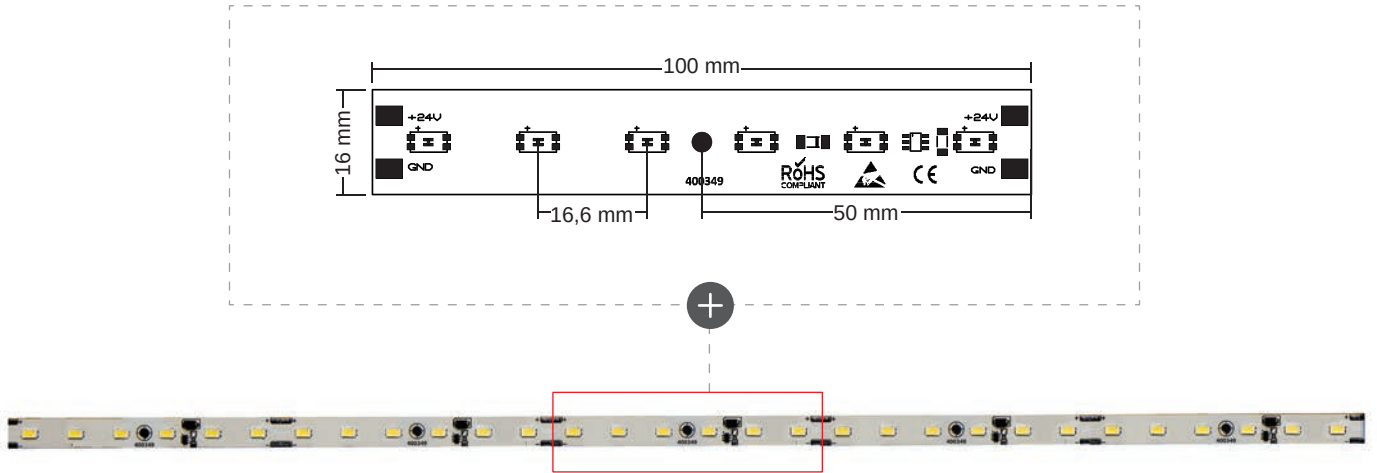
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	288	312	342	342	2,9	24	≥80
80 mA	372	404	444	444	3,8	24	≥80
100 mA	466	504	552	552	4,8	24	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-24G	41 W/24 V 1,7 A
	FSP60-SZFP-24G	60 W/24 V 2,5 A
	FSP200-1FUA-24	200 W/24 V 8,3 A
	FSP250-1FUA-24	250 W/24 V 10,4 A

24V

Mid
Power

LINEAR



OSRAM

DURIS E5

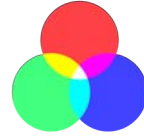
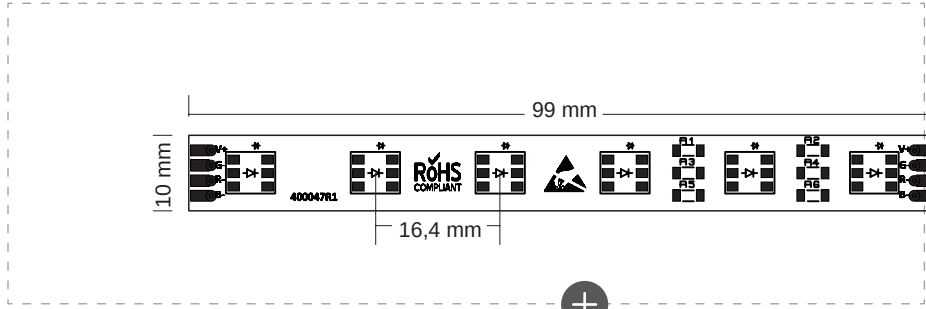
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	100 x 16 mm	-	ALU	24 V	6	6	1	-20/+45
Bar	500 x 16 mm	10	ALU	24 V	30	6	5	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	720	780	855	855	7,2	24	≥80
100 mA	1164	1260	1380	1380	12	24	≥80
140 mA	1581	1710	1860	1860	16,8	24	≥80

Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-24G	41 W/24 V 1,7 A
	FSP60-SZFP-24G	60 W/24 V 2,5 A
	FSP200-1FUA-24	200 W/24 V 8,3 A
	FSP250-1FUA-24	250 W/24 V 10,4 A

400047R1

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UNECO**24V****Mid
Power****TESLAOPTO**

5050 (White)

5050 (RGB)

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	49,5 x 10 mm	-	FR4 (2 Layer)	24 V	3	3	3	-20/+45
Bar	495 x 10 mm	15	FR4 (2 Layer)	24 V	30	3	5	-20/+45

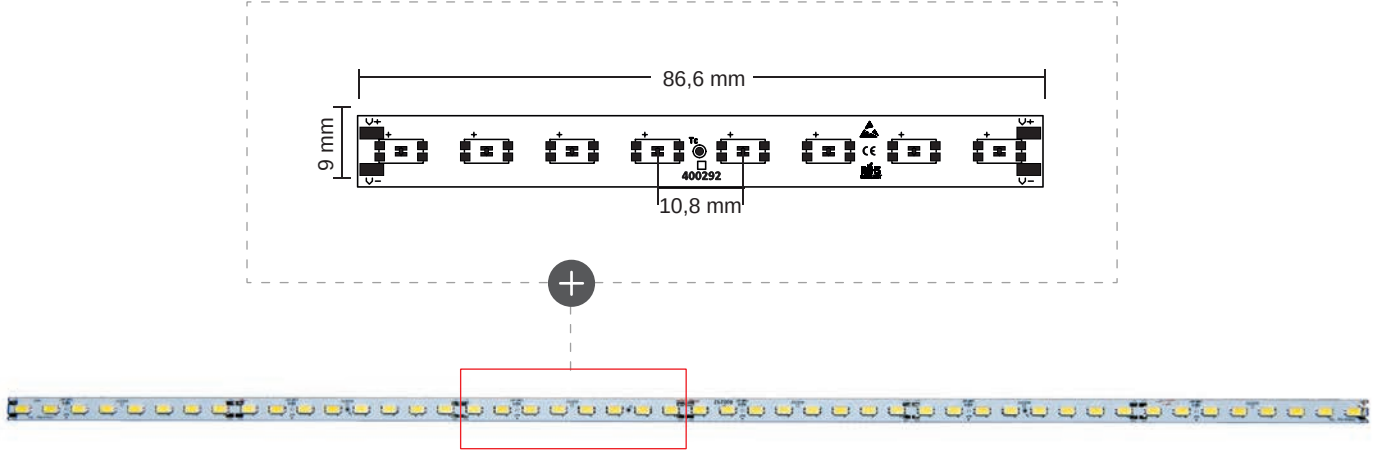
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
60 mA	690	720	750	750	7,2	24	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-SZFP-12G	40 W/12 V 3,4 A
	FSP60-SZFP-12G	60 W/ 12 V 5 A
	FSP200-1FUA-12	200 W/12 V 16,6 A
	FSP250-1FUA-12	250 W/12 V 20,8 A

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Akım

Mid
Power

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OSRAM

DURIS E5

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	86,6x9 mm	-	ALU	~24 V	8	8	1	-20/+45
Bar	520 x 9 mm	10	ALU	~24 V	48	8	6	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	1152	1248	1368	1368	8,2	~24 V	≥80
500 mA	1536	1680	1824	1824	11,5	~24 V	≥80
700 mA	2112	2304	2448	2448	17,4	~24 V	≥80

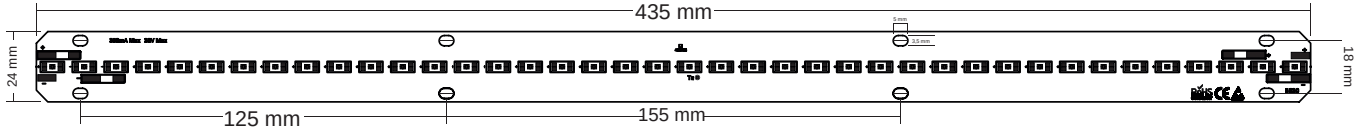
Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(035)	12 W/350 mA
	FSP012-1ZZN1AP(050)	12 W/500 mA
	FSP018-1ZZN1AP(070)	18 W/700 mA

400283

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**OSRAM****DURIS E5**

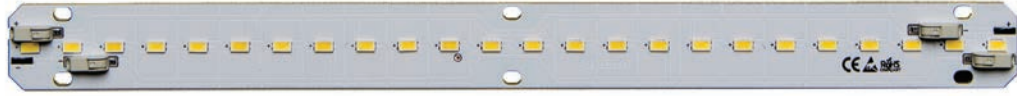
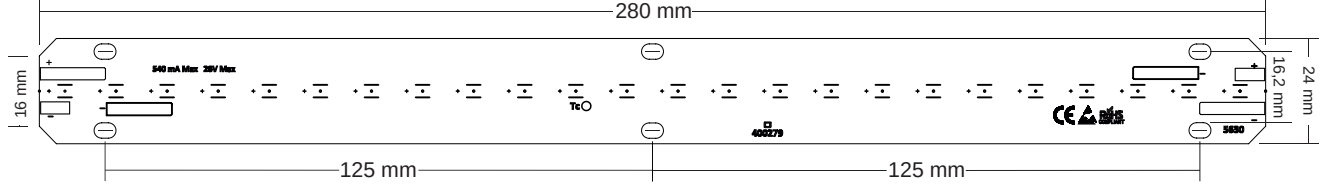
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	435x24mm	8	FR4	~31 V	40	10	4	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	1360	1476	1600	1600	10,6	CC	≥80
500 mA	1880	2040	2230	2230	15,6	CC	≥80

Driver Selection		
	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(035)	12 W/350 mA
	FSP012-1ZZN1AP(050)	12 W/500 mA

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Mid
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OSRAM

DURIS E5

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 280x24 mm	8	FR4	~24,8 V	24	8	3	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	1056	1150	1248	1248	8,6	~24,8 V	≥80

Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(035)	12 W/350 mA



400150

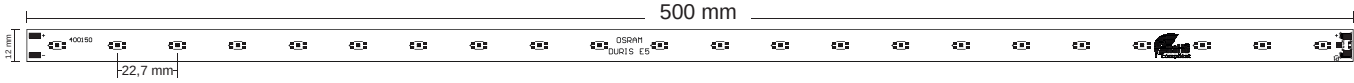
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Power

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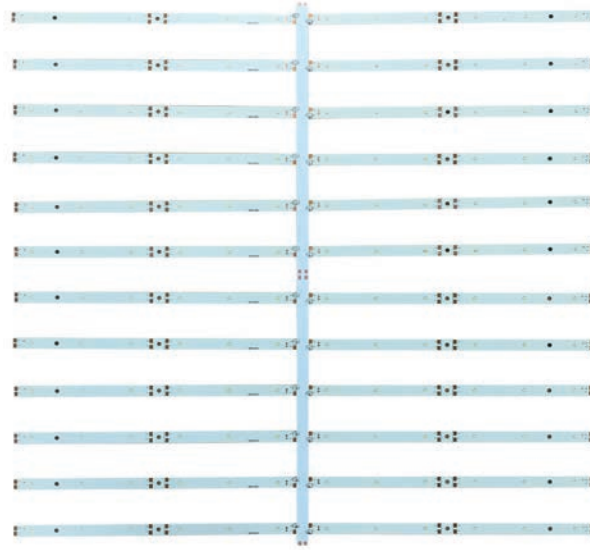
**OSRAM****DURIS E5**

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 500x12 mm	15	ALU	~68 V	22	22	1	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
87,5 mA	748	810	880	880	6	~68 V	≥80
125 mA	1034	1122	1232	1232	8,6	~68 V	≥80
175 mA	1408	1518	1672	1672	12,5	~68 V	≥80

Sabit
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Mid
Power



OSRAM

DURIS S2

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Panel : 540x540 mm	1	CEM1	37 V	144	12	12	-20/+45
Module 12x540 mm	-	CEM1	37 V	12	12	1	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
87,5 mA	5250	5437	5625	5625	37,8	37 V	≥80

Driver Selection



Ürün Kodu / Product Code

Açıklama / Description

40 W/1050 mA

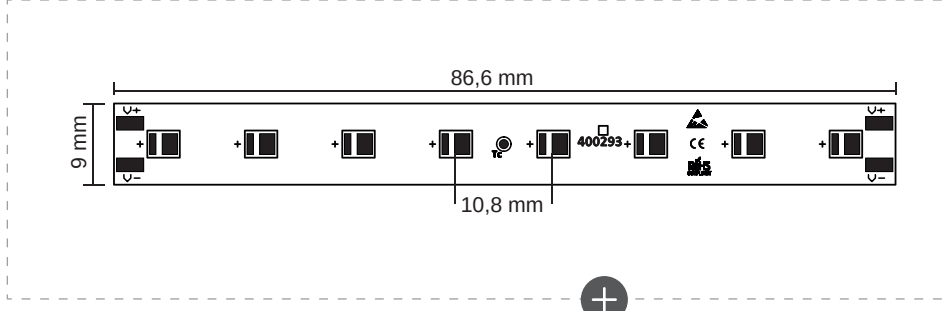
400293

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Power

LINEAR



SAMSUNG

LM281B

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	86,6x9mm	-	ALU	24,8 V	8	8	1	-20/+45
Bar	520x9 mm	10	ALU	24,8 V	48	8	6	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	1195	1262	1387	1387	8,17	24	≥80
500 mA	1651	1728	1920	1920	12	24	≥80
700 mA	2198	2300	2544	2544	17,36	24	≥80

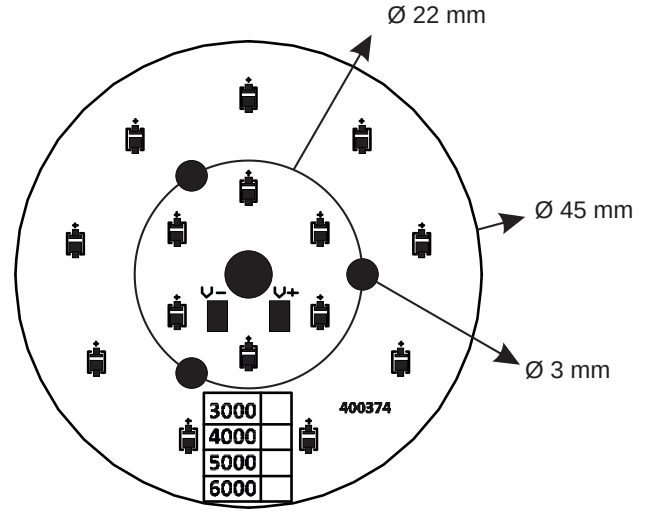
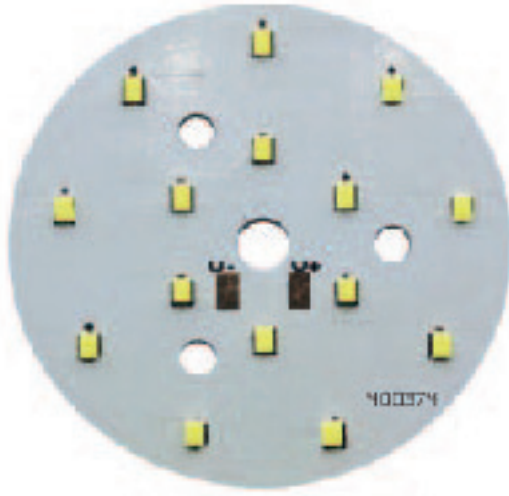
Driver Selection

FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(035)	12 W/350 mA
	FSP012-1ZZN1AP(050)	12 W/500 mA
	FSP018-1ZZN1AP(070)	18 W/700 mA

Sabit
Akım

Mid
Power

DIA



OSRAM

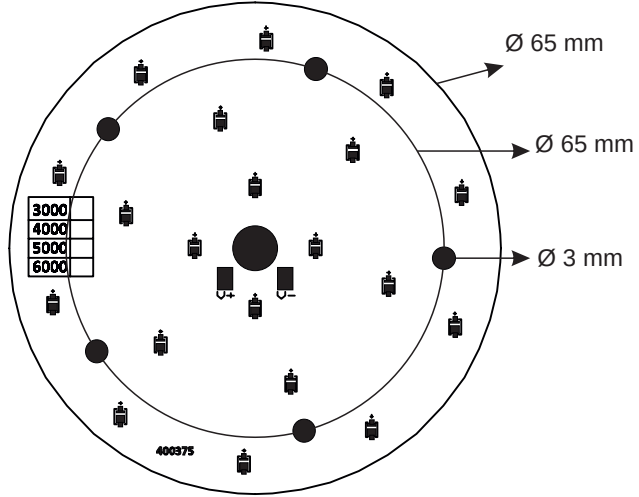
DURIS S2

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	45R	-	ALU	9 V	15	3	5	-20/+45

Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	473	473	518	518	3,0	CC	≥80
500 mA	660	660	713	713	4,5	CC	≥80
700 mA	884	884	959	959	6,5	CC	≥80

400375

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UNECO**DIA****Sabit
Akım****Mid
Power****OSRAM****DURIS S2**

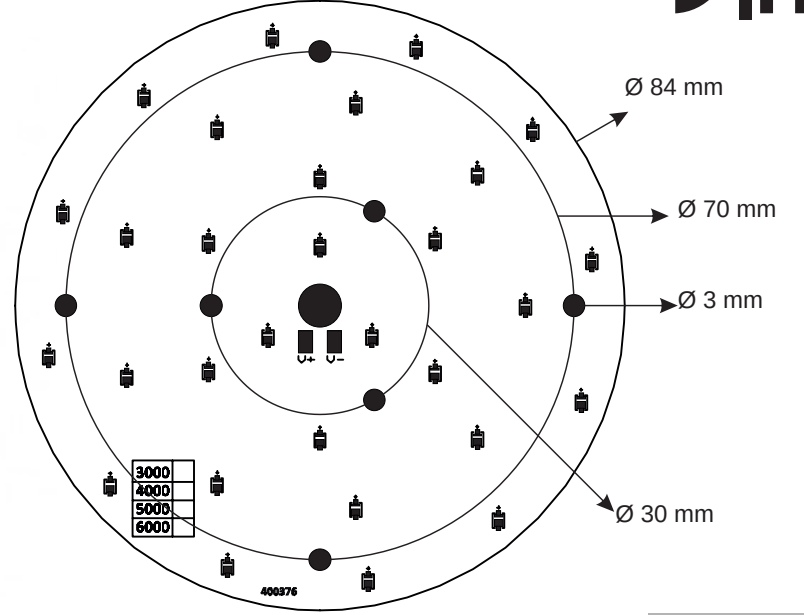
Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 65 R	-	ALU	12V	20	4	5	-20/+45

Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	630	630	690	690	4,1	CC	≥80
500 mA	880	880	950	950	6,0	CC	≥80
700 mA	1178	1178	1278	1278	15,6	CC	≥80

Sabit
Akım

Mid
Power

DIA



OSRAM

DURIS S2

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	84R	-	ALU	18 V	30	6	5	-20/+45

Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	945	945	1035	1035	6,1	CC	≥80
500 mA	1320	1320	1425	1425	9	CC	≥80
700 mA	1767	1767	1917	1917	13	CC	≥80

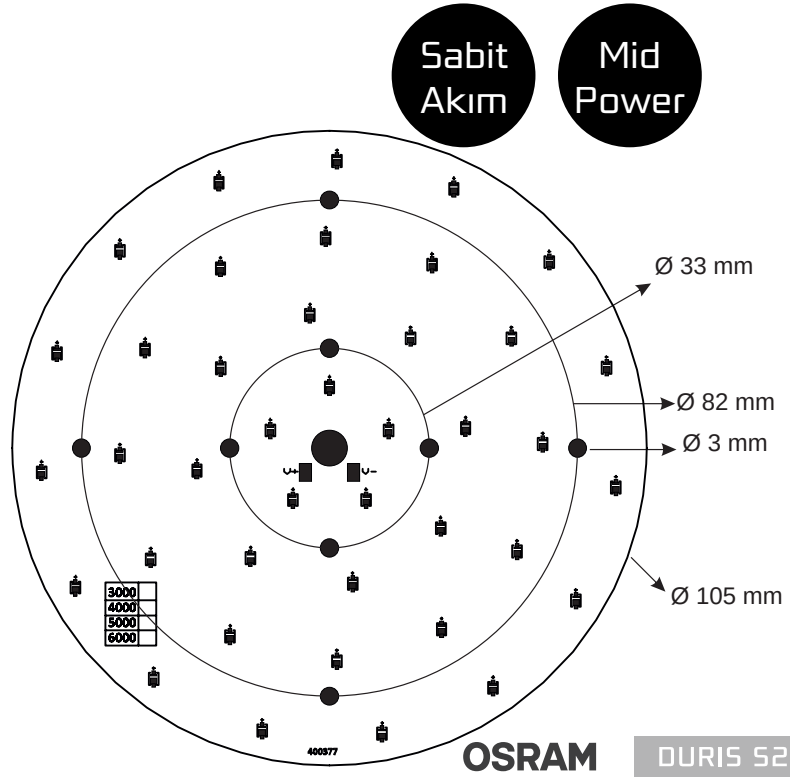
Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(035)	12 W/350 mA
	FSP012-1ZZN1AP(050)	12 W/500 mA
	FSP018-1ZZN1AP(070)	18 W/700 mA

400377

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UNECO

DIA



Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	105 R	-	ALU	18 V	40	8	5	-20/+45

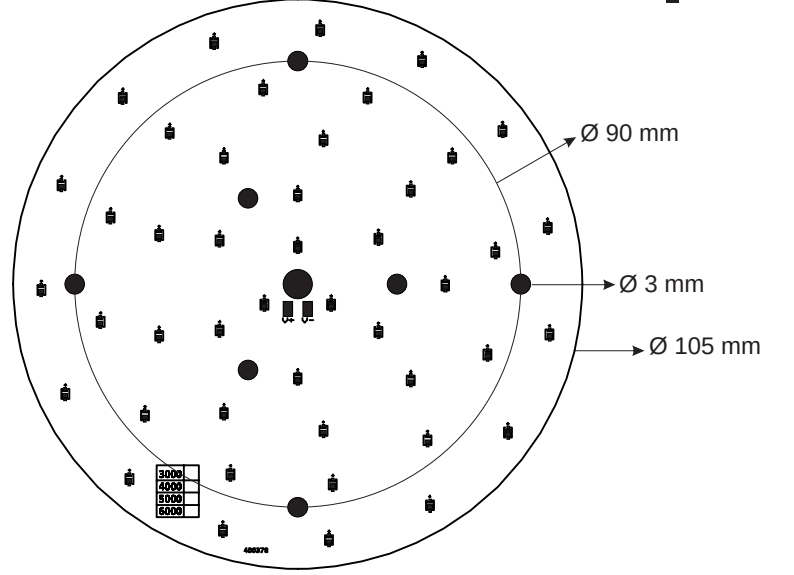
Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	1260	1260	1380	1380	8,1	CC	≥80
500 mA	1760	1760	1900	1900	12	CC	≥80
500 mA	2356	2356	2556	2556	17,4	CC	≥80

Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-IZZNIAP(035)	12 W/350 mA
	FSP012-IZZNIAP(050)	12 W/500 mA
	FSP018-IZZNIAP(070)	18 W/700 mA

Sabit
Akım

Mid
Power

DIA



OSRAM

DURIS S2

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	115 R	-	ALU	27 V	45	9	5	-20/+45

Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	1418	1418	1553	1553	9,1	CC	≥80
500 mA	1980	1980	2138	2138	13,5	CC	≥80
700 mA	2651	2651	2676	2676	19,5	CC	≥80

Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(035)	12 W/350 mA
	FSP018-1ZZN1AP(050)	18 W/500 mA
	FSP24-SZFP(070)	24 W/700 mA

400379

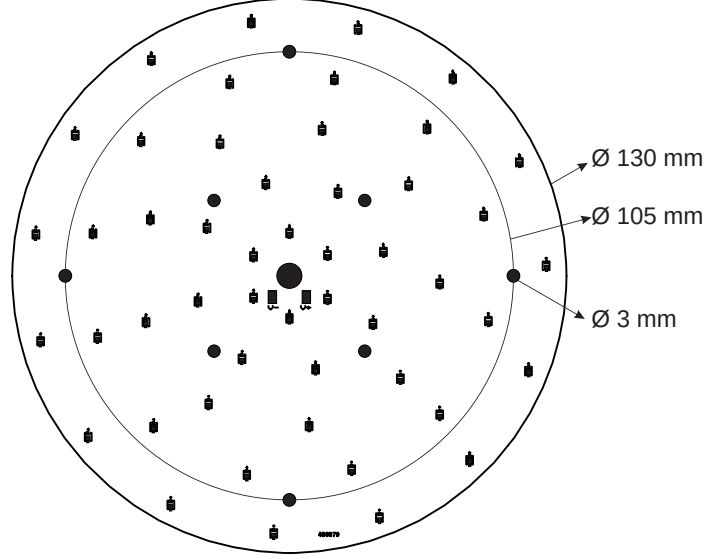
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DIA

Sabit
Akım

Mid
Power



OSRAM

DURIS S2

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	130 R	-	ALU	30 V	50	10	5	-20/+45

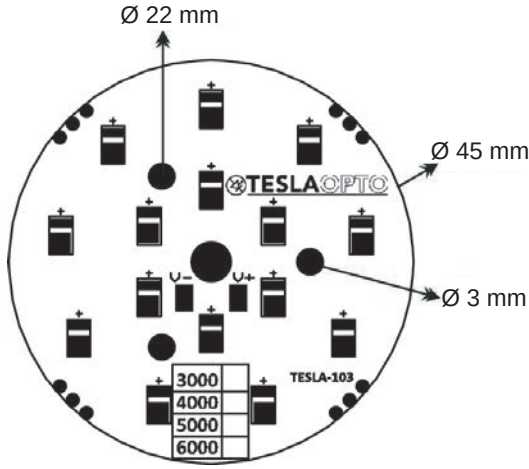
Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	1575	1575	1725	1725	10,2	CC	≥ 80
500 mA	2200	2200	2375	2375	15	CC	≥ 80
700 mA	2945	2945	3195	3195	21,7	CC	≥ 80

Driver Selection		
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(035)	12 W/350 mA
	FSP018-1ZZN1AP(050)	18 W/500 mA
	FSP24-SZFP(070)	24 W/700 mA

Sabit
Akım

Mid
Power

DIA



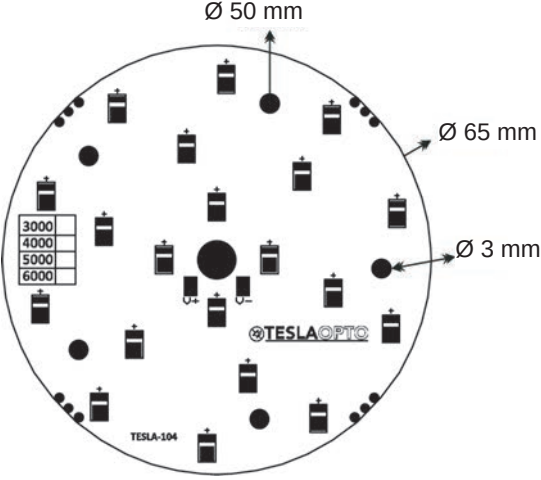
TESLA OPTO

52835B

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	45R	-	ALU	9,6/CC	15	3	5	-20/+45

Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	420	443	458	458	3,2	9,6/CC	≥70
500 mA	600	630	645	645	4,6	9,6/CC	≥70
700 mA	795	825	840	840	6,6	9,6/CC	≥70

DIA

Sabit
AkımMid
Power

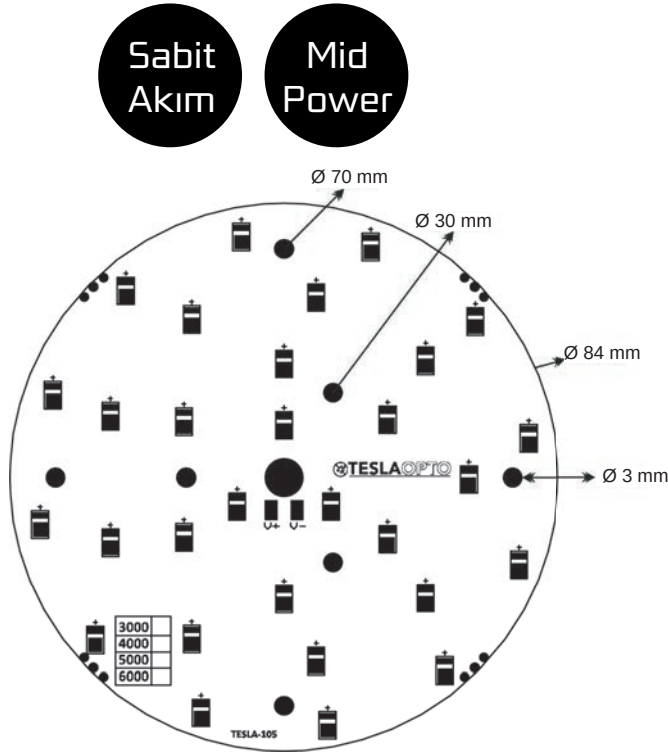
TESLA OPTO

S2835B

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	65 R	-	ALU	12,4/CC	20	4	5	-20/+45

Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	560	590	610	610	4,3	12,4/CC	≥70
500 mA	800	840	860	860	6,2	12,4/CC	≥70
700 mA	1060	1100	1120	1120	8,7	12,4/CC	≥70

DIA



TESLA OPTO

52835B

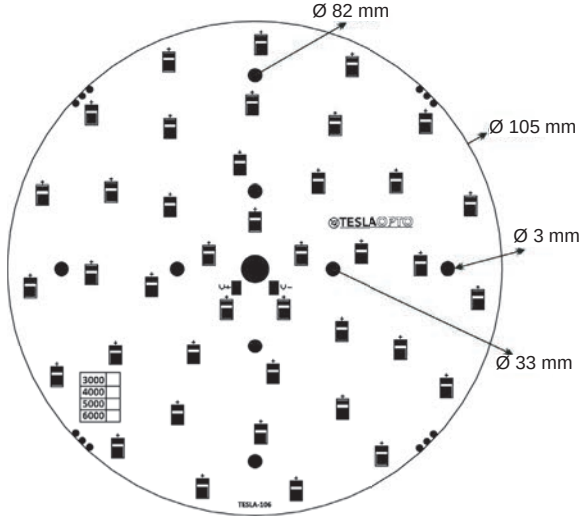
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	84R	-	ALU	18,6/CC	30	6	5	-20/+45

Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	840	885	915	915	6,4	18,6/CC	≥70
500 mA	1200	1260	1290	1290	9,3	18,6/CC	≥70
700 mA	1590	1650	1680	1680	13,3	18,6/CC	≥70

DIA

Sabit
Akım

Mid
Power



TESLA OPTO

S2835B

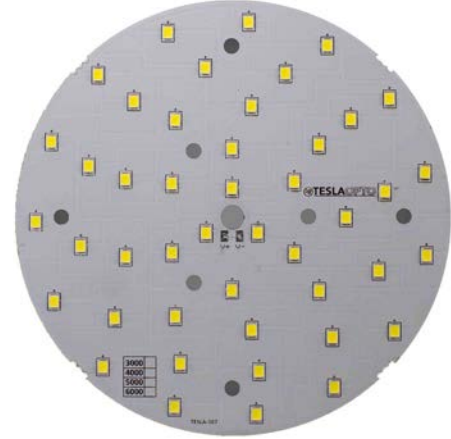
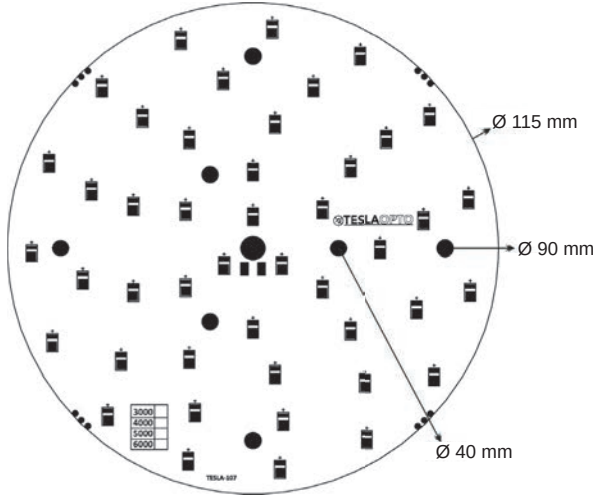
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	105 R	-	ALU	25,6/CC	40	8	5	-20/+45

Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	1120	1180	1220	1220	8,5	25,6/CC	≥70
500 mA	1600	1680	1720	1720	12	25,6/CC	≥70
700 mA	2120	2200	2240	2240	17,6	25,6/CC	≥70

Sabit
Akım

Mid
Power

DIA



TESLA OPTO

S2835B

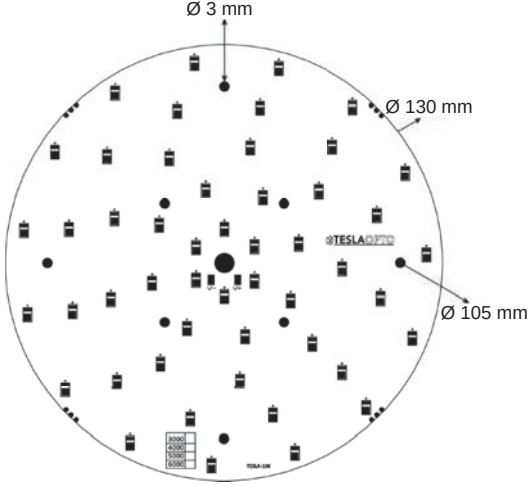
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	115 R	-	ALU	28,8/CC	45	9	5	-20/+45

Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	1260	1328	1373	1373	9,6	25,8/CC	≥70
500 mA	1800	1890	1935	1935	13,9	25,8/CC	≥70
700 mA	2385	2475	2520	2520	19,8	25,8/CC	≥70

DIA

Sabit
Akım

Mid
Power



TESLA OPTO

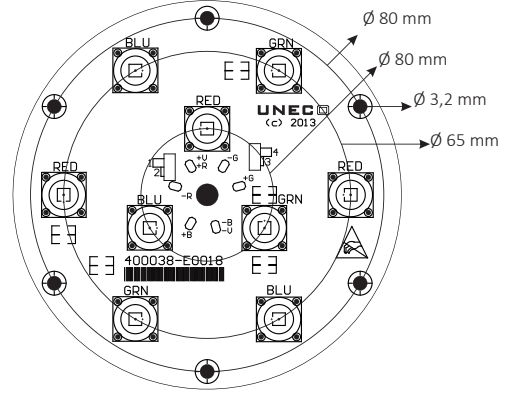
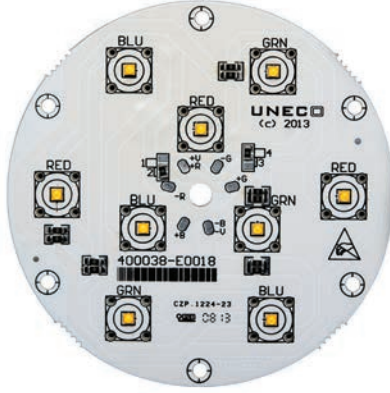
52835B

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	130R	-	ALU	32/CC	50	10	5	-20/+45

Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6500K			
350 mA	1400	1475	1525	1525	10,7	32/CC	≥70
500 mA	2000	2100	2150	2150	15,4	32/CC	≥70
700 mA	2650	2750	2800	2800	24	32/CC	≥70

Sabit
Akım

Mid
Power



OSRAM

SSL80

CREE

XB-D

LEDİL

TINA

TINA2

LEILA

LAURA

LISA

ROSE

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 88 R	-	ALU	28V/9,3V	9	9/3	1/3	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XB-D	350 mA	1025	1097	1169	1251	9,6
	500 mA	1368	1464	1560	1669	14,1
	700 mA	1765	1888	2012	2153	20,3
SSL-80	350 mA	1118	1203	1292	1292	9,2
	500 mA	1490	1602	1721	1721	13,6
	700 mA	1918	2064	2217	2217	19,5

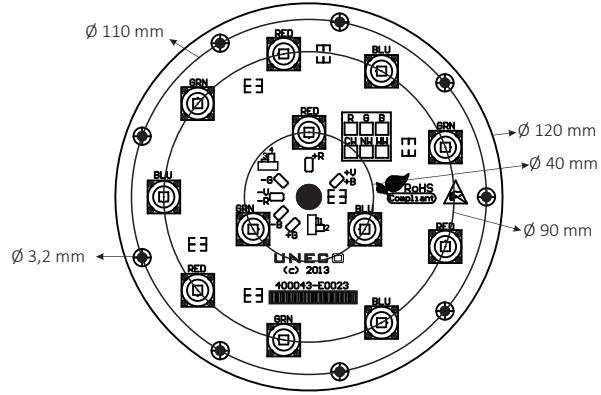
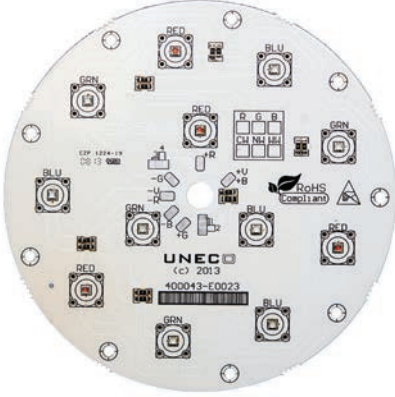
Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(035)	12 W/350 mA
	FSP018-1ZZN1AP(050)	20 W/500 mA
	FSP24-1ZZN1AP(070)	24 W/700 mA

400043

uneco.com.tr/urunler/u/400043
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UNECO

Sabit
AkımMid
Power

OSRAM

SSL80

CREE

XB-D

LEDİL

TINA

TINA2

LEILA

LAURA

LISA

ROSE

ROUND

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 120 R	-	ALU	36V/12V	12	12/4	1/3	-20/+45

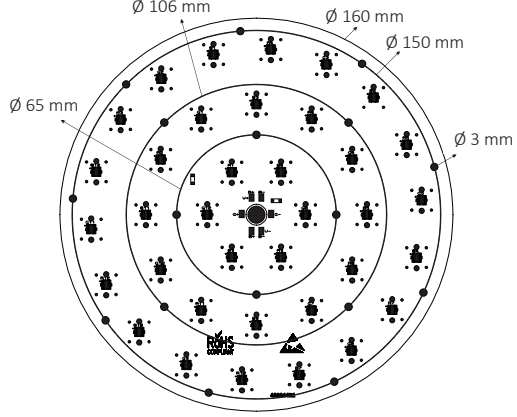
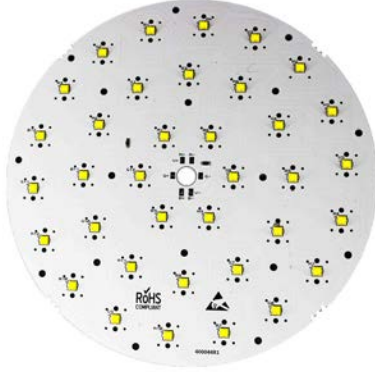
LED	Current	3000K	4000K	5000K	6500K	Watt
XB-D	350 mA	1356	1452	1548	1668	12,1
	500 mA	1824	1944	2076	2220	18,8
	700 mA	2352	2508	2676	2868	27,2
SSL-80	350 mA	1491	1604	1723	1723	12,3
	500 mA	1987	2137	2295	2295	18,1
	700 mA	2558	2752	2956	2956	26,1

Driver Selection

FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP018-1ZZN1AP(035)	18 W/350 mA
	FSP018-1ZZN1AP(050)	20 W/500 mA
	FSP030-1ZZN1AP(070)	34 W/700 mA

Sabit
Akım

Mid
Power



OSRAM

SSL80

CREE

XB-D

LEDİL

TINA

TINA2

LEILA

LAURA

LISA

ROSE

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 160 R	-	ALU	27V	54	32x12/36		-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XB-D	350 mA	4068	4356	4644	5004	38,4
	500 mA	5472	5832	6228	6660	56,5
	700 mA	7056	7524	8028	8604	81,6
SSL-80	350 mA	5306	5670	6040	6040	36,6
	500 mA	7290	7794	8300	8300	54,5
	700 mA	9700	10375	11050	11050	76,6

Driver Selection

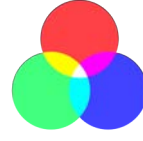
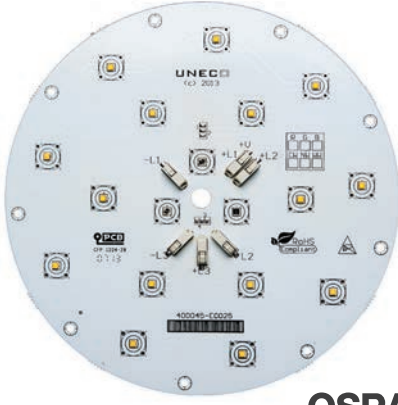
Ürün Kodu / Product Code	Açıklama / Description
FSP40-ZZAP(070)	40 W/350 mA
	60 W/500 mA
	100 W/700 mA



400045

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UNECO

Sabit
AkımMid
Power

OSRAM

SSL80

CREE

XB-D

LEDİL

TINA

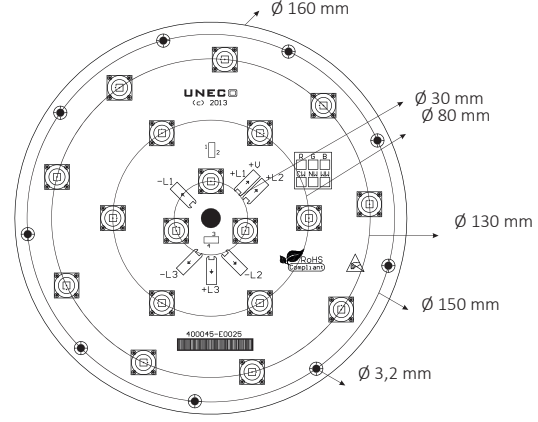
TINA2

LEILA

LAURA

LISA

ROSE



ROUND

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 160 R	-	ALU	54V/18V	18	18 or 16	1 or 3	-20/+45

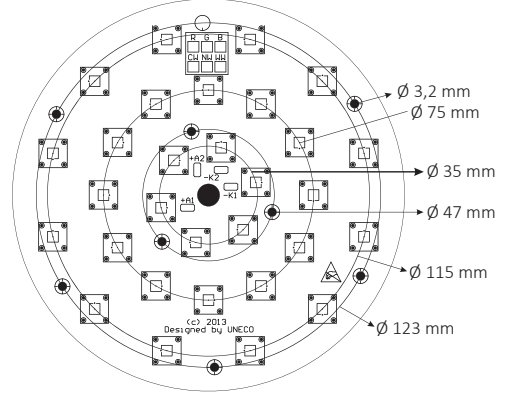
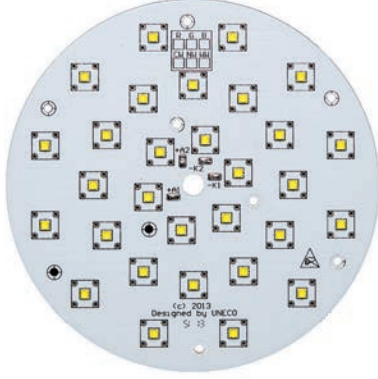
LED	Current	3000K	4000K	5000K	6500K	Watt
XB-D	350 mA	2034	2178	2322	2502	19,2
	500 mA	2736	2916	3114	3330	28,2
	700 mA	3528	3762	4014	4302	40,8
SSL-80	350 mA	2237	2406	2584	2584	18,5
	500 mA	2980	3205	3443	3443	27,2
	700 mA	3837	4129	4435	4435	39,1

Driver Selection

FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP24-SZFP(035)	24 W/350 mA
	-	30 W/500 mA
	FSP40-ZZAP(070)	41 W/700 mA

Sabit
Akım

Mid
Power



CREE

XT-E XP-E XP-G XP-L XP-C

LEDİL

TINA TINA2 LEILA LISA

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	140 R	-	ALU	45V/90V	30	15 or 30	2 or 1 -20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	3924	4200	4476	4476	31,5
	500 mA	5325	5697	6072	6072	46,35
	700 mA	6897	7479	7878	7878	67,2

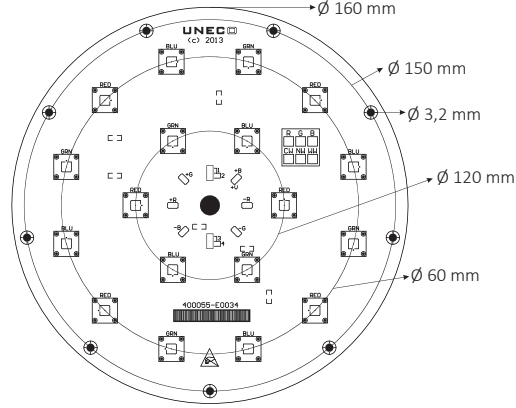
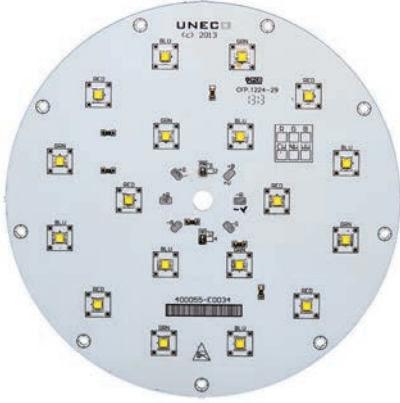
Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
	FSP40-ZZAP(070)	40 W/700 mA
	FSP075-NZMCH-700	75 W/700 mA

400055

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UNECO

Sabit
AkımMid
Power

OSRAM

SSL80 SQR SSL80(RGB)

CREE

XT-E XP-(X) XP-(RGB) XB-D

LEDİL

TINA TINA2 LEILA LAURA LISA ROSE

ROUND

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 160 R	-	ALU	18V/54V	18	6 or 18	3 or 1	-20/+45

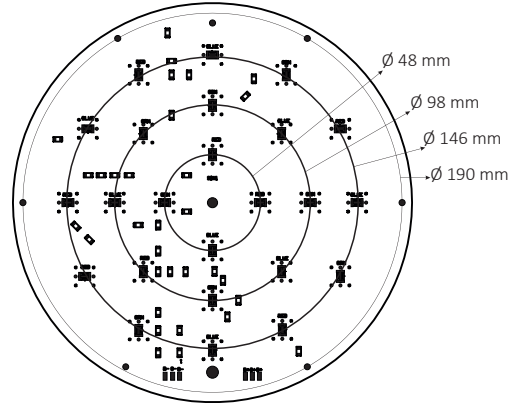
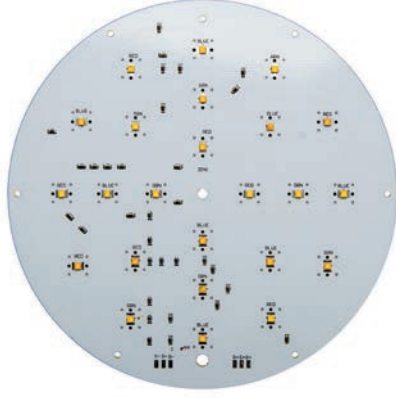
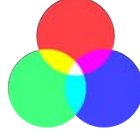
LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	2354	2520	2685	2685	18,9
	500 mA	3195	3418	3643	3643	27,8
	700 mA	4192	4487	4726	4726	40,3
SSL-80	350 mA	2237	2406	2584	2584	18,5
	500 mA	2980	3205	3443	3443	27,2
	700 mA	3837	4129	4435	4435	39,1

Driver Selection

FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP24-SZFP(035)	24 W/350 mA
	FSP40-ZZAP(070)	40 W/500 mA

Sabit
Akım

Mid
Power



OSRAM

SSL80

SSL80(RGB)

CREE

XB-D

XB-D(RGB)

LEDİL

TINA

TINA2

LEILA

LAURA

LISA

ROSE

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 200 R	-	ALU	24V/72V	24	8/24	3/1	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XB-D	350 mA	2712	2904	3096	3336	25,6
	500 mA	3648	3888	4152	4440	37,6
	700 mA	4704	5016	5352	5736	54,4
SSL-80	350 mA	2983	3208	3446	3446	24,7
	500 mA	3974	4274	4591	4591	36,3
	700 mA	5116	5505	5913	5913	52,2

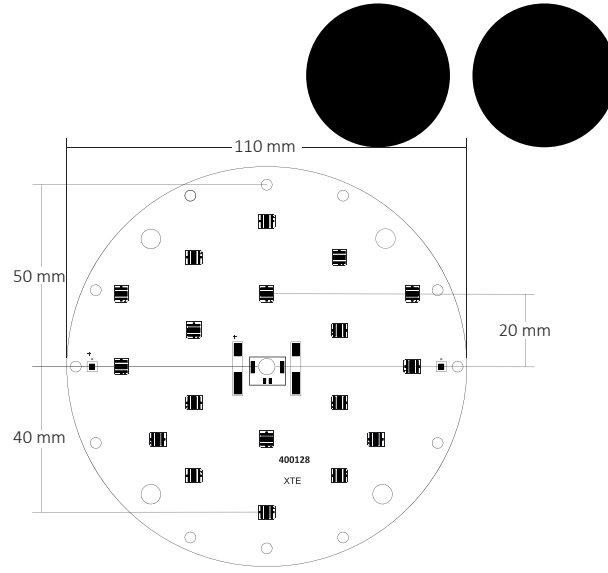
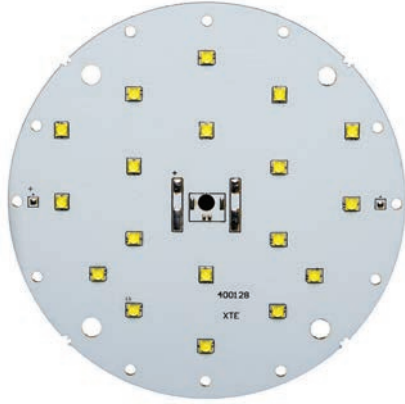
Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
	FSP30-ZZAP(105)	34 W/1050 mA
	FSP075-NZMCH-700	75 W/700 mA

400128

uneco.com.tr/urunler/u/400128
uneco.com.tr/products/u/400128

UNECO



CREE

XT-E

LEDİL

TINA

TINA2

ROUND

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	110 R	-	ALU	27V	18	9	2	-20/+45

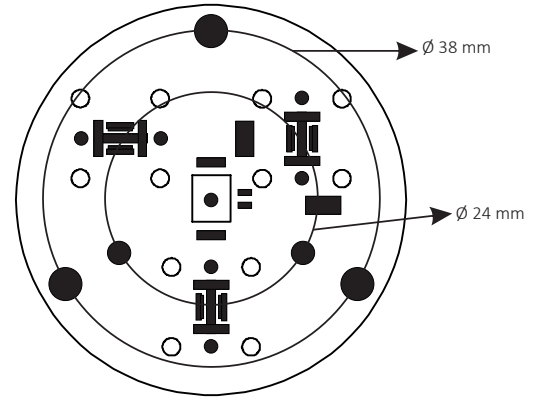
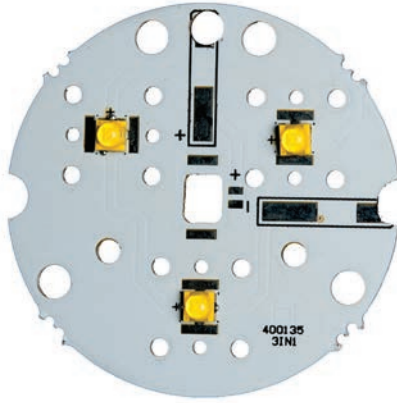
LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	2354	2520	2685	2685	18,9
	500 mA	3195	3418	3643	3643	27,8
	700 mA	4192	4487	4726	4726	40,3

Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
FSP	FSP24-SZFP(070)	24 W/700 mA 22-34V
	FSP40-ZZAP(140)	40 W/1400 mA 18-28V

Sabit
Akım

Mid
Power



OSRAM

SSL80 SQR

CREE

XT-E XB-D XP-E XP-G XP-L

LEDİL

TINA TINA2 LISA

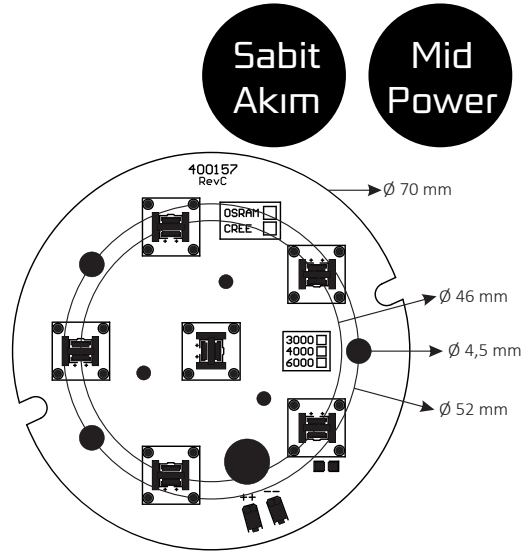
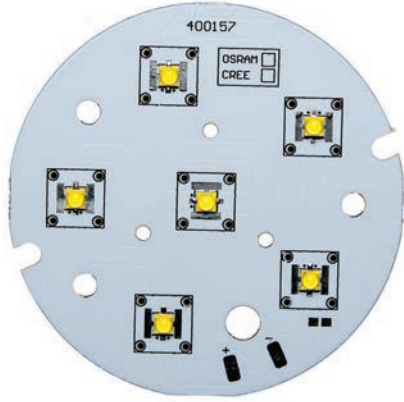
Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 44 R	-	ALU	9V	3	3	1	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XB-D	350 mA	392	420	447	447	3,15
	500 mA	532	569	607	607	4,6
	700 mA	698	747	787	787	6,7
SSL-80	350 mA	372	401	430	430	3
	500 mA	496	534	573	573	4,5
	700 mA	639	688	739	739	6,5

400157

uneco.com.tr/urunler/u/400157
uneco.com.tr/products/u/400157

UNECO



OSRAM

SSL80 | SQR

CREE

XT-E | XB-D | XP-E | XP-G | XP-L

LEDİL

TINA | TINA2 | LISA | LEILA

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 70 R	-	ALU	18V	6	6	1	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	784	840	895	895	6,3
	500 mA	1065	1139	1214	1214	9,2
	700 mA	1397	1495	1575	1575	13,4
SSL-80	350 mA	745	802	861	861	6,1
	500 mA	993	1068	1147	1147	9
	700 mA	1279	1376	1478	1478	13

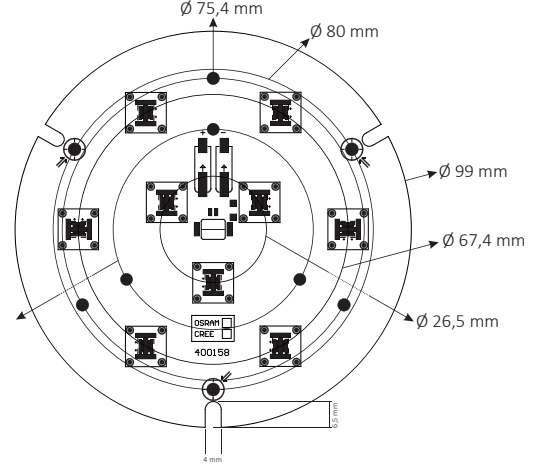
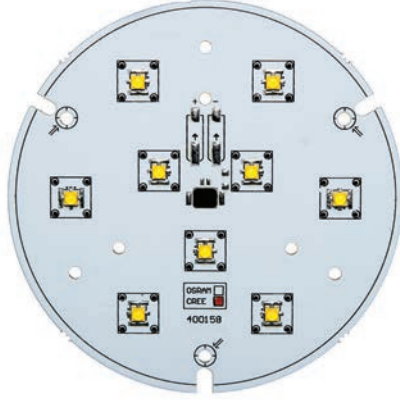
Driver Selection

FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(050)	12 W/500 mA
	FSP40-ZZAP(140)	18 /700 mA

ROUND

Sabit
Akım

Mid
Power



OSRAM

SSL80

SQR

CREE

XT-E

XB-D

XP-E

XP-G

XP-L

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 99 R	-	ALU	27V	9	9	1	-20/+45

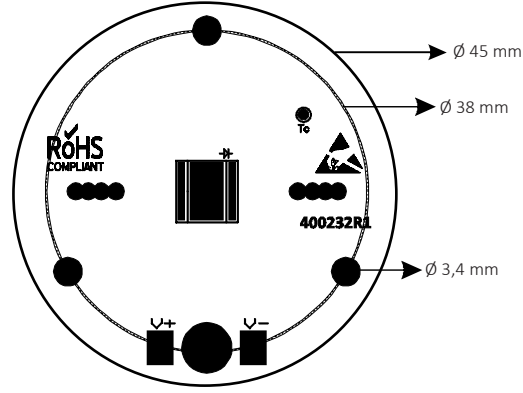
LED	Current	3000K	4000K	5000K	6500K	Watt
XB-D	350 mA	1177	1260	1342	1342	9,4
	500 mA	1597	1709	1821	1821	13,9
	700 mA	2096	2243	2363	2363	20,1
SSL-80	350 mA	1118	1203	1292	1292	9,2
	500 mA	1490	1602	1721	1721	13,6
	700 mA	1918	2064	2217	2217	19,5

Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(035)	12 W/350 mA
	FSP018-1ZZN1AP(050)	20 W/500 mA
	FSP24-SZFP(070)	24 W/700 mA

400232R1

uneco.com.tr/urunler/u/400232R1
uneco.com.tr/products/u/400232R1

UNECO**Sabit
Voltaj****Mid
Power****OSRAM**

55L80 | SQR

CREE

MK-R | XM-L | XT-E | XP-L | XB-D | XP-E

LEDİL

BILLIE | EMERALD | FLARE-MINI | FRIDA | HEIDI

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 45 R	-	ALU	MK-R=12V	1	1	1	-20/+45

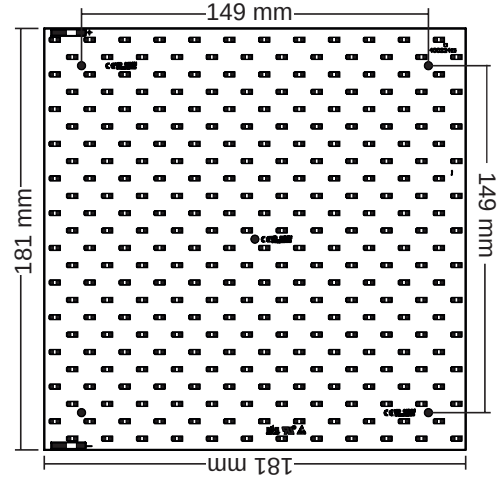
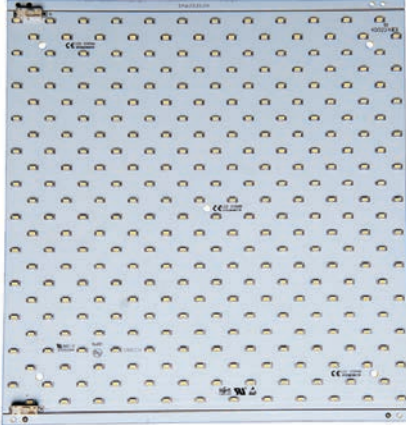
LED	Current	3000K	4000K	5000K	6500K	Watt
MK-R	350 mA	782	843	895	895	6,3
	500 mA	1044	1125	1214	1214	9,2
	700 mA	1446	1559	1575	1575	13,4

Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(050)	12 W/500 mA
	FSP40-ZZAP(140)	18 /700 mA

~36V

Low
Power



SQUARE

OSRAM

DURIS E3

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 181 x 181	1	FR4	~36V	288	12	24	-20/+45

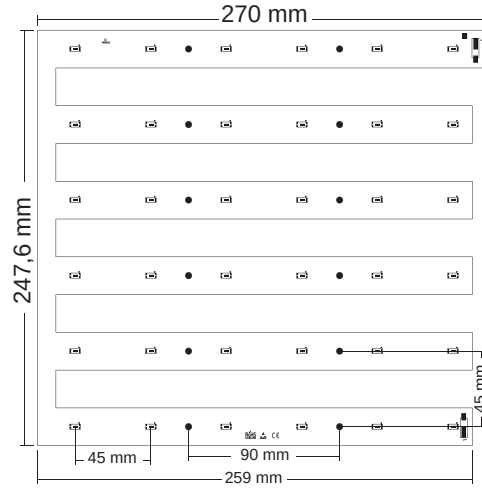
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6000K			
350 mA	1526	1555	1670	1670	12,3	CC	≥80
500 mA	2073	2096	2419	2419	18,3	CC	≥80
700 mA	2764	2966	3196	3196	26	CC	≥80

Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
	FSP018-1ZZN1AP(050)	20 W/500 mA
	FSP24-SZFP(070) M	24 W/700 mA

400319

uneco.com.tr/urunler/u/400319
uneco.com.tr/products/u/400319

UNECO**18,3V****Mid
Power****SAMSUNG****5618**

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 270 x 247	-	CEM1	18,3 V	36	6	6	-20/+45

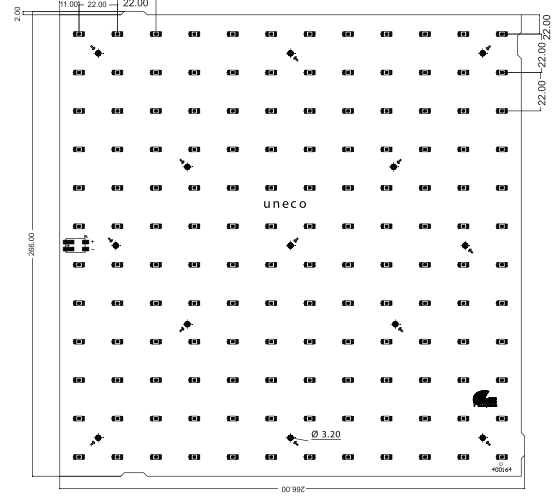
LED	Current	3000K	4000K	5000K	5000K	Watt	CRI
5618	83 mA	1188	1281	1317	1317	9	≥80
	116 mA	1584	1699	1764	1764	12,7	≥80

Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
	FSP018-1ZZN1AP(050)	20 W/500 mA
	FSP24-SZFP(070) M	24 W/700 mA

36V

Mid
Power



SQUARE

OSRAM

DURIS E5

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 266 x 266	1	CEM1	36V	144	12	12	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6000K			
700 mA	3420	3710	4090	4090	24,5	CC	≥80
1000 mA	4608	5040	5460	5460	38,3	CC	≥80
1400 mA	6330	6910	7466	7466	52,1	CC	≥80

Driver Selection

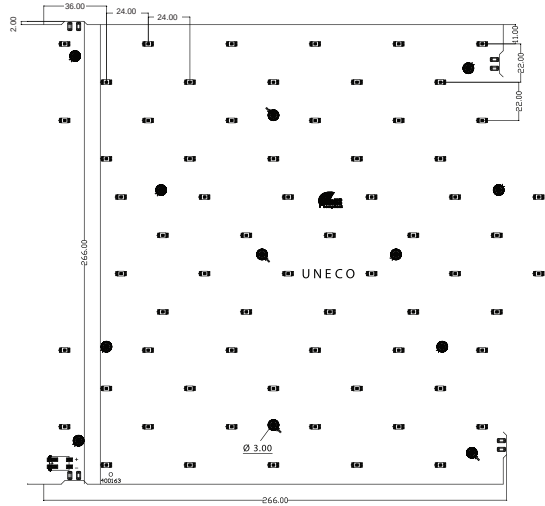
	Ürün Kodu / Product Code	Açıklama / Description
	FSP030-1ZZN1AP(070)	34 W/700 mA
	FSP40-ZZAP(100)	40 W/1000 mA
		60 W/1400 mA

400163

uneco.com.tr/urunler/u/400163
uneco.com.tr/products/u/400163

UNECO

~34V

Mid
Power

OSRAM

DURIS E5

SQUARE

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 266 x 266	1	CEM1	~34V	66	11	6	-20/+45

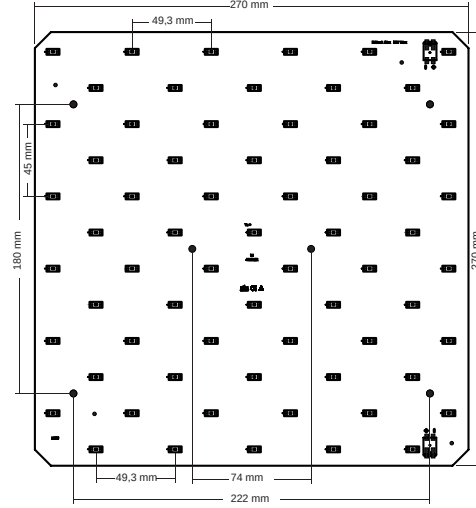
LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6000K			
350 mA	1570	1705	1880	1880	11,5	CC	≥80
500 mA	2112	2310	2508	2508	16	CC	≥80
700 mA	2905	3168	3420	3420	23,8	CC	≥80

Driver Selection

 FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP012-1ZZN1AP(035)	12 W/350 mA
	FSP018-1ZZN1AP(050)	20 W/500 mA

~45V

Mid
Power



OSRAM

DURIS E5

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 270 x 270	8	FR4	~45V	60	15	4	-20/+45

LED Current	Lumen				Watt	Vf(V)	CRI
	3000K	4000K	5000K	6000K			
87,5 mA	2040	2215	2400	2400	16	CC	≥80
125 mA	2820	3060	3350	3350	23,4	CC	≥80

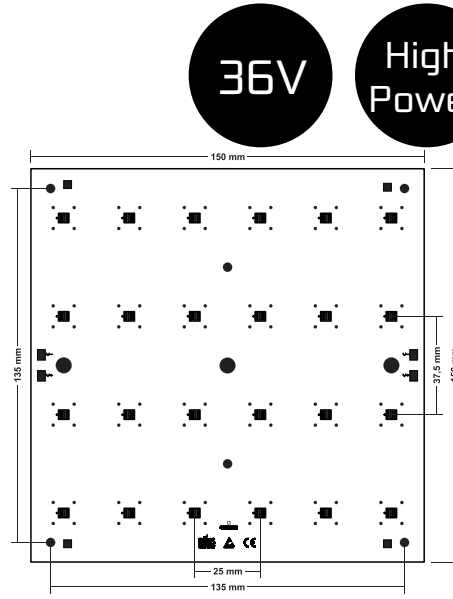
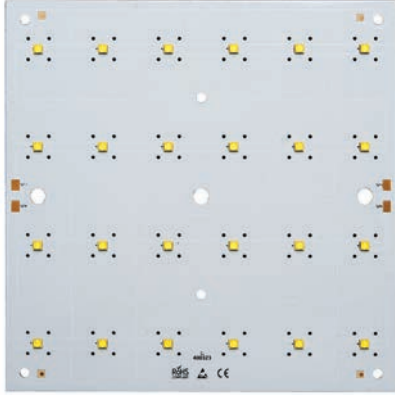
Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
	FSP018-1ZZN1AP(035)	18 W/350 mA
	FSP24-SZFP(050)	24 W/500 mA

400323

uneco.com.tr/urunler/u/400323
uneco.com.tr/products/u/400323

UNECO



36V

High Power

OSRAM

SSL80

SQR

CREE

X-TE

XP-G

XP-E

XB-D

LEDİL

TINA

TINA2

LEILA

LAURA

LISA

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	150 x 150	-	ALU	36V	24	12	1	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	3139	3360	3580	3580	25,2
	500 mA	4260	4557	4857	4857	37,08
	700 mA	5589	5983	6302	6302	53,7
SSL-80	350 mA	2983	3208	3446	3446	24,7
	500 mA	3974	4274	4591	4591	36,3
	700 mA	5116	5505	5913	5913	52,2

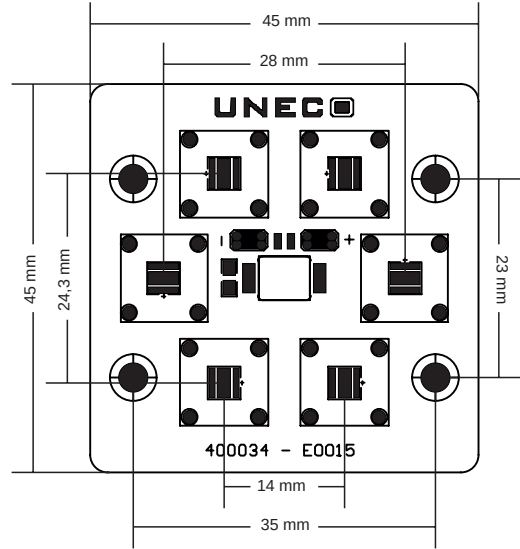
Driver Selection

Ürün Kodu / Product Code	Açıklama / Description
FSP030-1ZZN1AP(070)	34 W/700 mA
FSP40-ZZAP(100)	40 W/1000 mA
FSP60-ZZAE(140) U	60 W/1400 mA



18V

High
Power



CREE

XT-E

XP-E2

XP-G2

XP-L

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 45 x 45	-	ALU	18V	6	6	1	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	784	840	895	895	6,5
	500 mA	1065	1339	1214	1214	9,2
	700 mA	1397	1495	1575	1575	12,8

Driver Selection



Ürün Kodu / Product Code

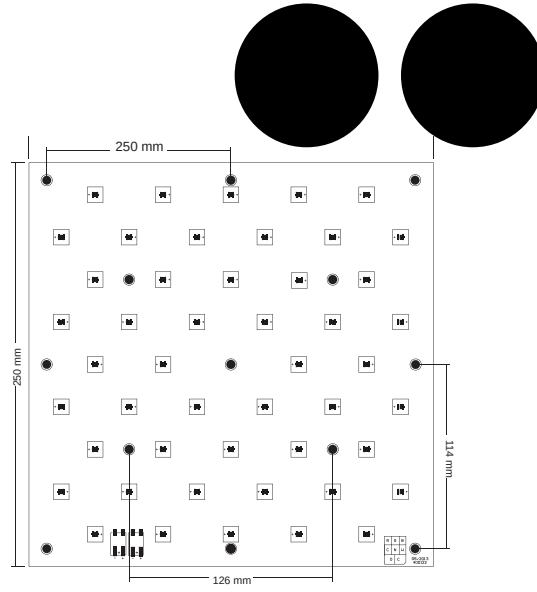
Açıklama / Description

FSP012-1ZZN1AP(050)

12 W/500 mA 16-24V

FSP012-1ZZN1AP(070)

13 W/700 mA 12-18V



OSRAM

SSL80

SQR

CREE

XT-E

XP-E2

XP-G2

XB-D

XP-L

LEDİL

TINA

TINA2

LEILA

LAURA

LISA

ROSE

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	250 x 250	-	ALU	36V/72V	48	12/24	4/2 -20/+45

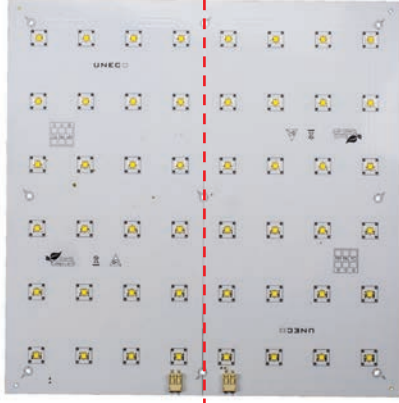
LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	6278	6720	7161	7161	50,4
	500 mA	8520	9115	9715	9715	74,1
	700 mA	11179	11966	12604	12604	107,5
SSL-80	350 mA	5966	6417	6892	6892	49,5
	500 mA	7948	8548	9182	9182	72,7
	700 mA	10233	11011	11827	11827	104,4

Driver Selection

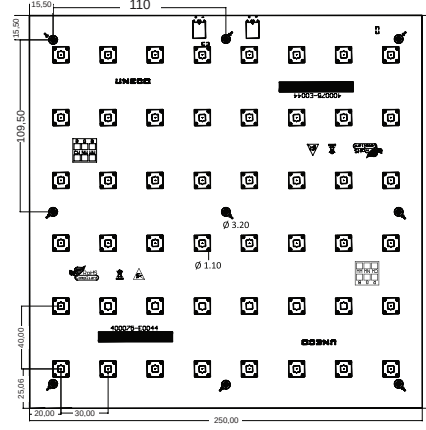
FSP	Ürün Kodu / Product Code	Açıklama / Description
	FSP075-NZMCH-1400	-
	FSP075-NZMCH-700	-
	FSP075-NZMCH-1050	-

76V

High Power



KIRILABİLİR



OSRAM

SSL80

SQR

CREE

XT-E

XP-E

XP-G

XB-D

LEDİL

TINA

TINA2

LEILA

LAURA

LISA

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 250 x 250	-	ALU	76V	48	24	2	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	6278	6720	7161	7161	50,4
	500 mA	8520	9115	9715	9715	74,1
	700 mA	11179	11966	12605	12605	107,5
SSL-80	350 mA	5966	6417	6893	6893	49,6
	500 mA	7949	8549	9182	9182	72,8
	700 mA	10234	11011	11827	11827	104,5

Driver Selection



Ürün Kodu / Product Code

Açıklama / Description

FSP075-NZMCH-1050

76 W/1050 mA

FSP075-NZMCH-1400

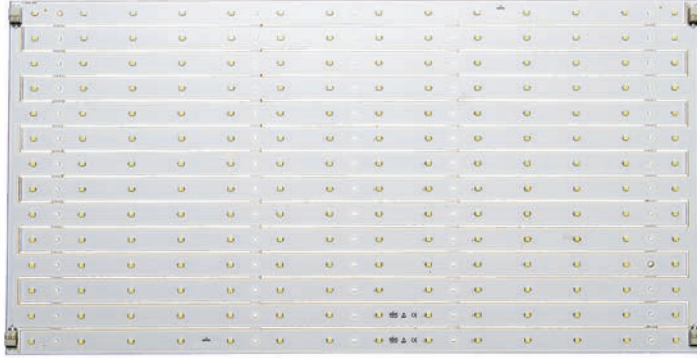
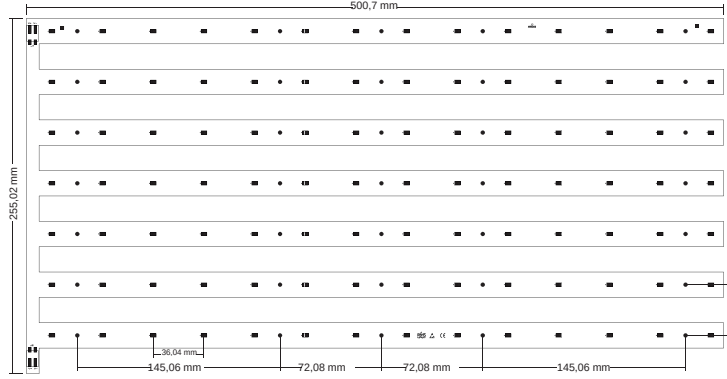
120 W/1400 mA

400306

uneco.com.tr/urunler/u/400306
uneco.com.tr/products/u/400306

UNECO

42V

Mid
Power

TESLA OPTO

2835T

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	510 x 255	-	CEM1	42V	98	14	7	-20/+45

XT-E	Current	Lumen				Watt	Vf(V)	CRI
		3000K	4000K	5000K	6000K			
	350 mA	1968	2352	2352	2352	15,2	CC	≥70

Driver Selection

Ürün Kodu / Product Code

Açıklama / Description



FSP018-1ZZN1AP(035)

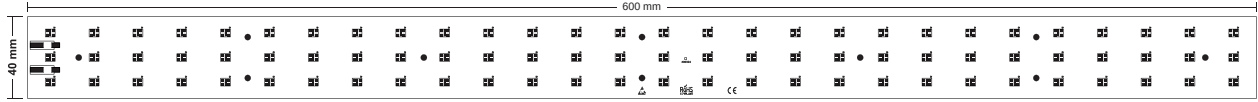
18 W/350 mA

FSP030-1ZZN1AP(070)

34 W/700 mA

38V

Mid
Power



CREE

ML-E ML-B

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 600 x 40	-	ALU	38V	84	12	7	-20/+45

ML-E	Current	Lumen				Watt	Vf(V)	CRI
		3000K	4000K	5000K	6000K			
	100 mA	2657	3006	3303	3303	25,7	CC	≥80
	150 mA	4930	5575	6125	6125	55,6	CC	≥80

Driver Selection

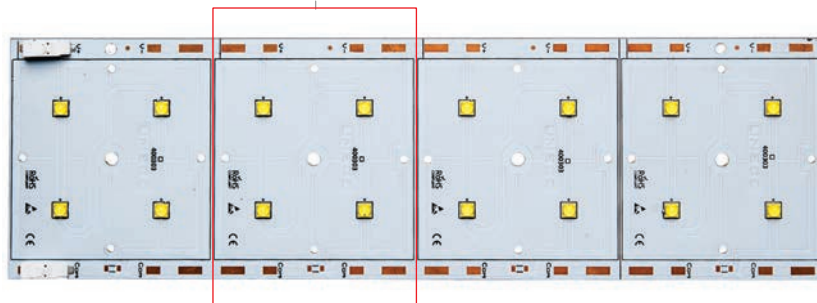
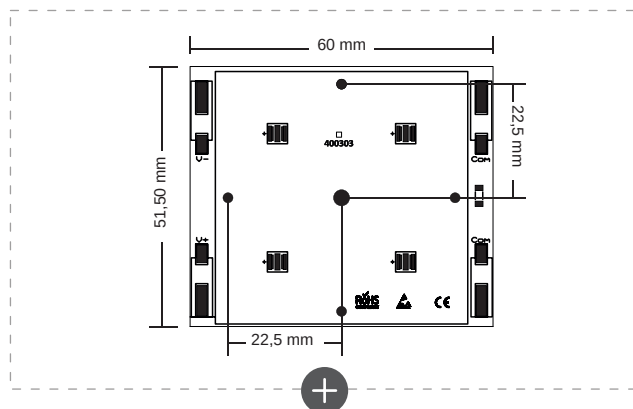
	Ürün Kodu / Product Code	Açıklama / Description
	FSP030-1ZZN1AP(070)	34 W/700 mA
	FSP40-ZZAP(100)	40 W/1000 mA
	FSP60-ZZAE(140) U	60 W/1400 mA

400303

uneco.com.tr/urunler/u/400303
uneco.com.tr/products/u/400303

UNECO

12,4V

High
Power**OSRAM**

SSL80 | SQR

CREE

XT-E | XP-L | XP-G2 | XP-E | XB-D

LEDİL

STRADA 2x2 | STRADA 5Q | STRADA A | STRADA SERIES

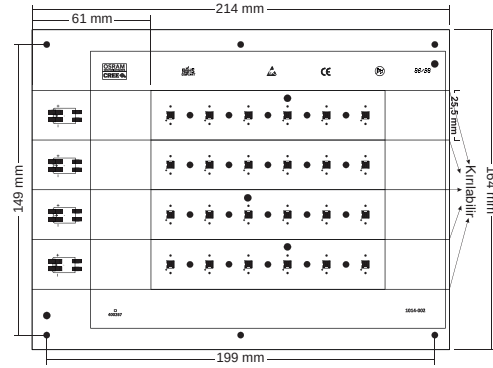
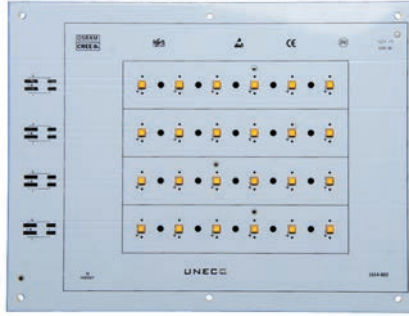
Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	150 x 150	-	ALU	36V	24	9	1	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	523	560	596	596	4,2
	500 mA	710	759	809	809	6,1
	700 mA	931	997	1050	1050	8,9
SSL-80	350 mA	497	534	574	574	4,1
	500 mA	662	712	765	765	6
	700 mA	852	917	985	985	8,7

RECTANGLE

18V

High
Power



OSRAM

SSL80 | SQR

CREE

XT-E | XP-E | XP-G | XB-D | XP-L

LEDİL

TINA | TINA2 | LEILA | LAURA | LISA | ROSE

Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module 214 x 164	-	ALU	18V	24	6	4	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	3139	3360	3581	3581	25,2
	500 mA	4260	4558	4858	4858	37,08
	700 mA	5590	5983	6302	6302	53,7
SSL-80	350 mA	2983	3209	3446	3446	24,7
	500 mA	3974	4274	4591	4591	36,3
	700 mA	5117	5506	5914	5914	52,2

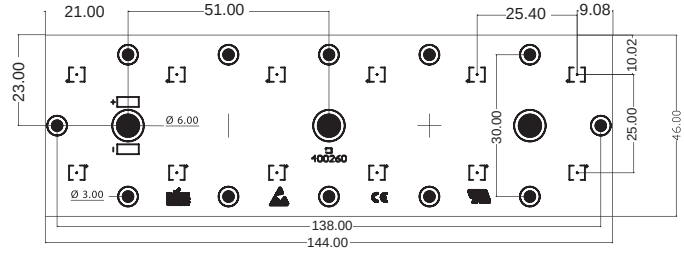
Driver Selection

Ürün Kodu / Product Code	Açıklama / Description
FSP030-1ZZN1AP(070)	34 W/700 mA
FSP40-ZZAP(100)	40 W/1000 mA
FSP60-ZZAE(140) U	60 W/1400 mA



400260

uneco.com.tr/urunler/u/400260
uneco.com.tr/products/u/400260

UNECO**36V****High Power****OSRAM**

SSL80 SQR

CREE

XT-E XB-D XP-E XP-G XP-L

LEDİL

HIGH BAY-IP 2x6 STRADA-IP 2x6

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	144 x 46	-	ALU	36V	12	12	1	-20/+45

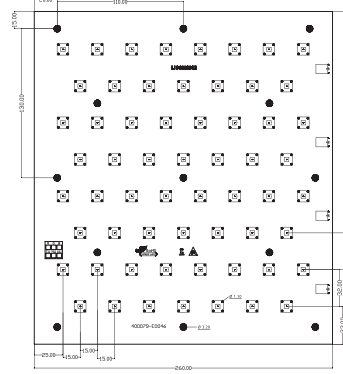
LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	1569	1680	1790	1790	12,6
	500 mA	2130	2278	2428	2428	18,5
	700 mA	2794	2991	3151	3151	26,8
SSL-80	350 mA	1461	1604	1723	1723	12,3
	500 mA	1987	2137	2295	2295	18,1
	700 mA	2558	2752	2956	2956	26,1

Driver Selection

	Ürün Kodu / Product Code	Açıklama / Description
	FSP018-1ZZN1AP(050)	20 W/500 mA
	FSP030-1ZZN1AP(70)	34 W/700 mA

RECTANGLE

46,5V High Power



OSRAM

SSL80 SQR

CREE

XT-E XP-E XP-G XB-D XP-L

LEDİL

TINA TINA2 LEILA LAURA LISA ROSE

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	290 x 260	-	ALU	46,5V	60	15x4	1	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	7848	8400	8952	8952	63
	500 mA	10650	11394	12144	12144	92,7
	700 mA	13974	14958	15756	15756	134,4
SSL-80	350 mA	7458	8022	8616	8616	61,9
	500 mA	9936	10686	11478	11478	90,9
	700 mA	12792	13764	14784	14784	130,6

Driver Selection

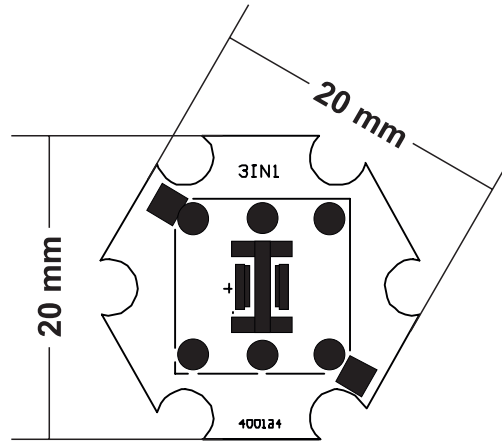
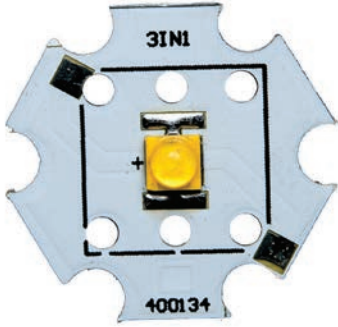
	Ürün Kodu / Product Code	Açıklama / Description
	FSP075-NZMCH-1400	75 W/1400 mA
	FSP150-NZKCH-2800	150 W/2800 mA
	FSP150-NZKCH-700	150 W/700 mA
	FSP100-NZMCH-1050	100 W/1050 mA

400134

uneco.com.tr/urunler/u/400260
uneco.com.tr/products/u/400260

UNECO

3V

High
Power

OSRAM

SSL80 | SQR

CREE

XT-E | XB-D | XP-E | XP-G | XP-L

LEDiL

BILLIE | EMERALD | FLARE-MINI | FRIDA | HEIDI

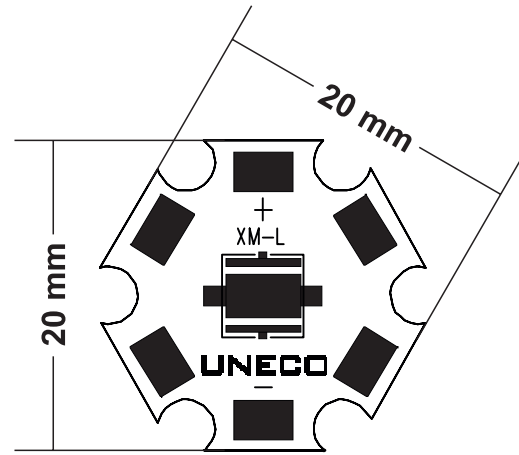
Dimension	MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	21 x 20	-	ALU	3V	1	1	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	350 mA	130	140	149	149	1
	500 mA	177	189	202	202	1,5
	700 mA	232	249	262	262	2,2
SSL-80	350 mA	124	133	143	143	1
	500 mA	165	178	191	191	1,5
	700 mA	213	229	246	246	2,1

STAR

3V

High
Power



CREE

XM-L

LEDİL

EVA

VERONICA

ROSE

LEILA

Dimension		MOQ	PCB	Vf (V)	LED	Serial	Parallel	Ta°C
Module	21 x 22	-	ALU	3V	1	1	1	-20/+45

LED	Current	3000K	4000K	5000K	6500K	Watt
XT-E	700 mA	275	296	318	318	2
	1050 mA	391	424	452	452	3,1
	1400 mA	499	540	582	582	4,3