



LED MODUL

Production of Led Lighting Modules

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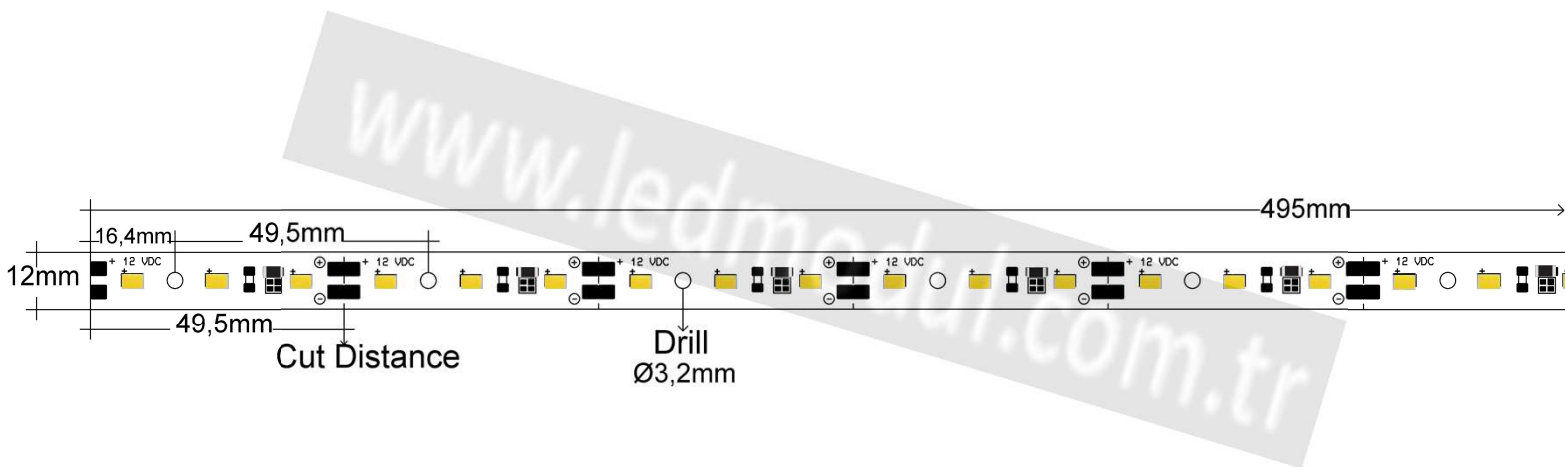
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Constant Voltage Linear Module

CSV12L495X-12M30



Product Description

Constant voltage	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
CSV12L495X-12M30	60	12 Vdc	< 1.2 A	< 14 Watt	2700K	1560 lm	108 lm/W	MacAdam 3	> 80
					3000K	1620 lm	113 lm/W		
					4000K	1680 lm	117 lm/W		
					6500K	1680 lm	117 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product. Please consult the sales team to clarify any doubt.

CSV12L495X-24M30



Constant voltage

Optimal solution for linear and concealed light where cost is a top priority

Excellent linear light intensity

Simple installation

Perfectly uniform light, even if several LED modules are used together in a line

Led Chip Osram - Samsung

Rated life [L70]	50 000 h
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Origin Turkey

Warranty Up to 3 Years

Beam angle

120° C

Ambient temperature range -40....+65° C

Tp rated 60° C

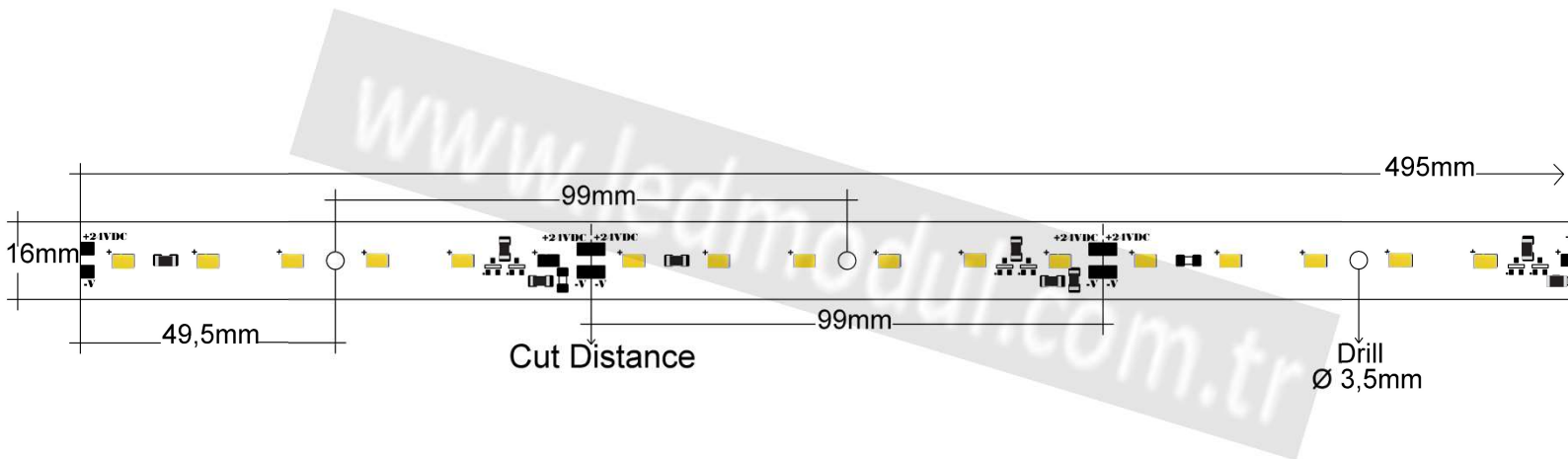
Tc 85° C

CSV12L495X-24M30

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Constant Voltage Linear Module

CSV16L495X-24M30



Product Description

Constant voltage	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

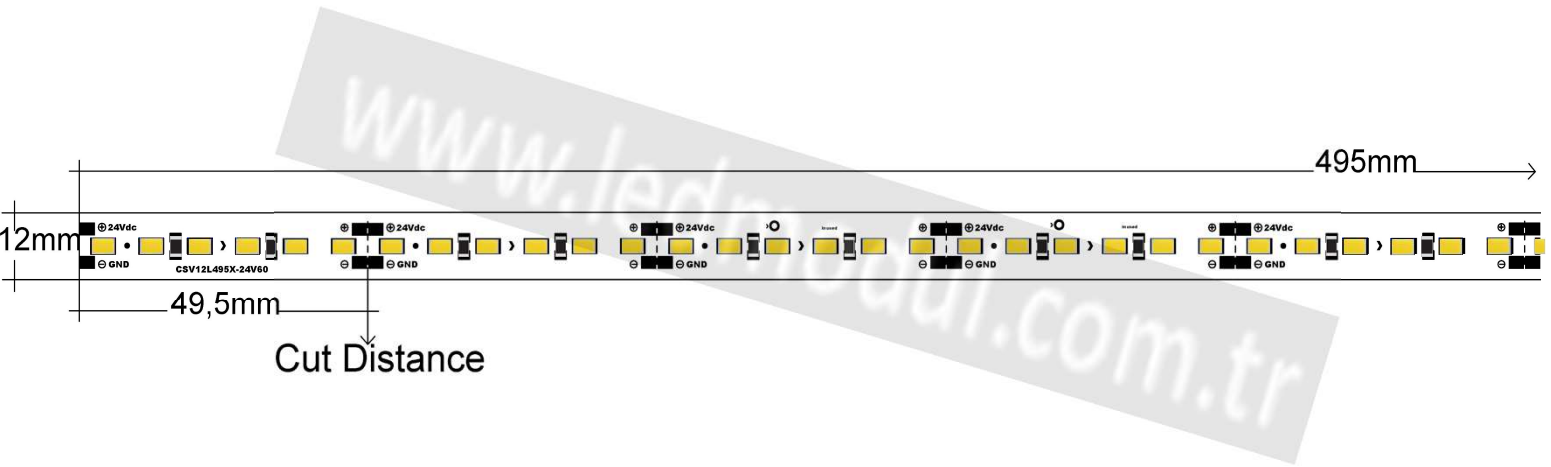
Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
CSV16L500X-24M30	60	24 Vdc	< 0.60 A	< 14 Watt	2700K	1560 lm	108 lm/W	MacAdam 3	> 80
					3000K	1620 lm	113 lm/W		
					4000K	1680 lm	117 lm/W		
					6500K	1680 lm	117 lm/W		

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Constant Voltage Linear Module
CSV12L495X-24M60



Product Description

Constant voltage	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

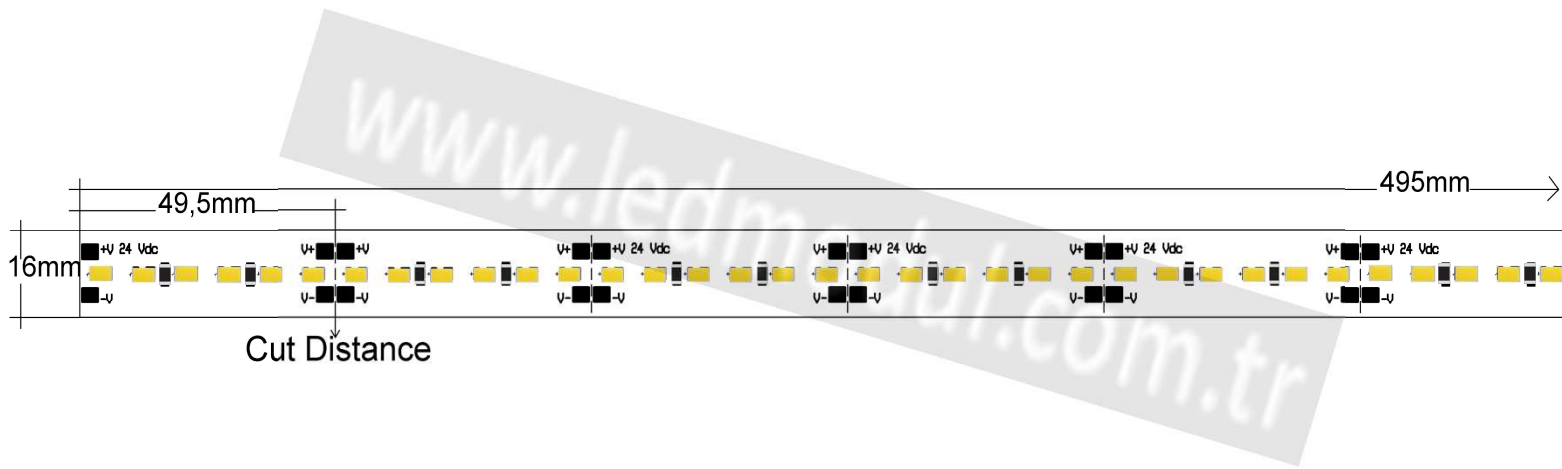
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
CSV12L495X-24M60	120	24 Vdc	< 0.60 A	< 14 Watt	2700K	1600 lm	112 lm/W	MacAdam 3	> 80
					3000K	1650 lm	115 lm/W		
					4000K	1720 lm	120 lm/W		
					6500K	1720 lm	120 lm/W		

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Constant Voltage Linear Module

CSV16L495X-24M60



Product Description

Constant voltage	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

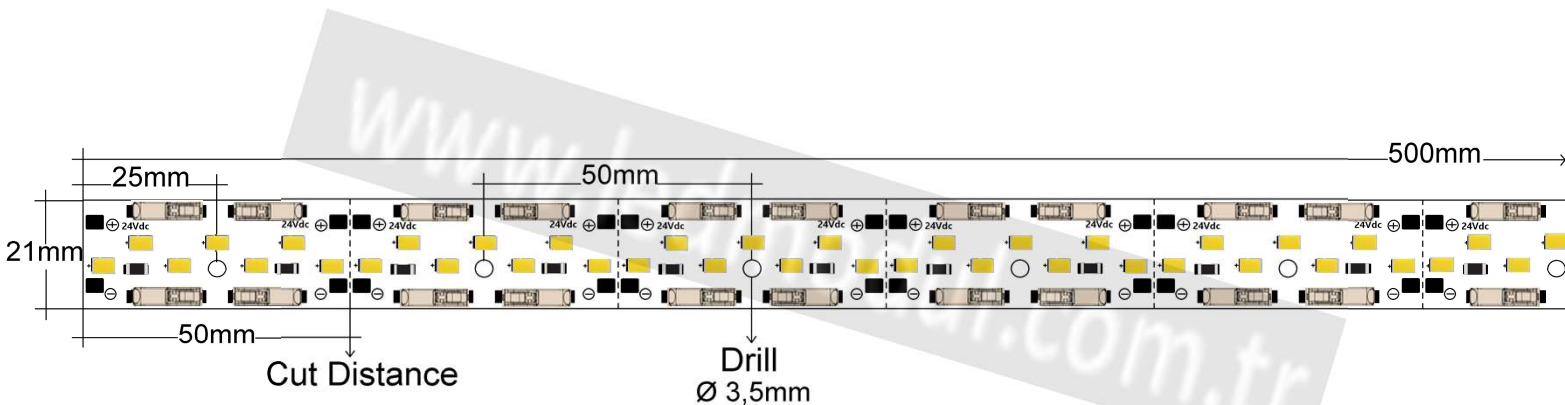
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
CSV16L495X-24M60	120	24 Vdc	< 0.875 A	< 21 Watt	2700K	2540 lm	121 lm/W	MacAdam 3	> 80
					3000K	2600 lm	124 lm/W		
					4000K	2800 lm	134 lm/W		
					6500K	2800 lm	134 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product. Please consult the sales team to clarify any doubt.

Constant Voltage Linear Module

CSV21L500X-24M70



Product Description

Constant voltage	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

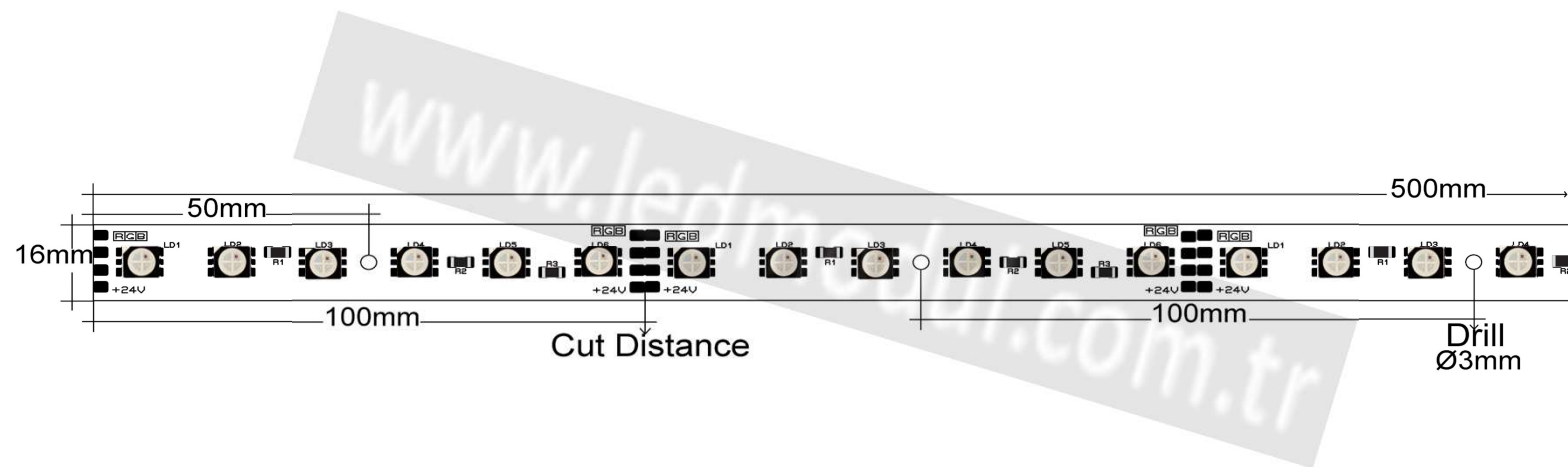
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colur Tolerance	CRI
CSV21L500X-24M70	140	24 Vdc	< 1.2 A	< 29 Watt	2700K	3500 lm	121 lm/W	MacAdam 3	> 80
					3000K	3590 lm	124 lm/W		
					4000K	3880 lm	134 lm/W		
					6500K	3880 lm	134 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

RGB Constant Voltage Linear Module

CSV16L500X-24RGB30



Product Description

Constant voltage RGB	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Cree - Edison
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

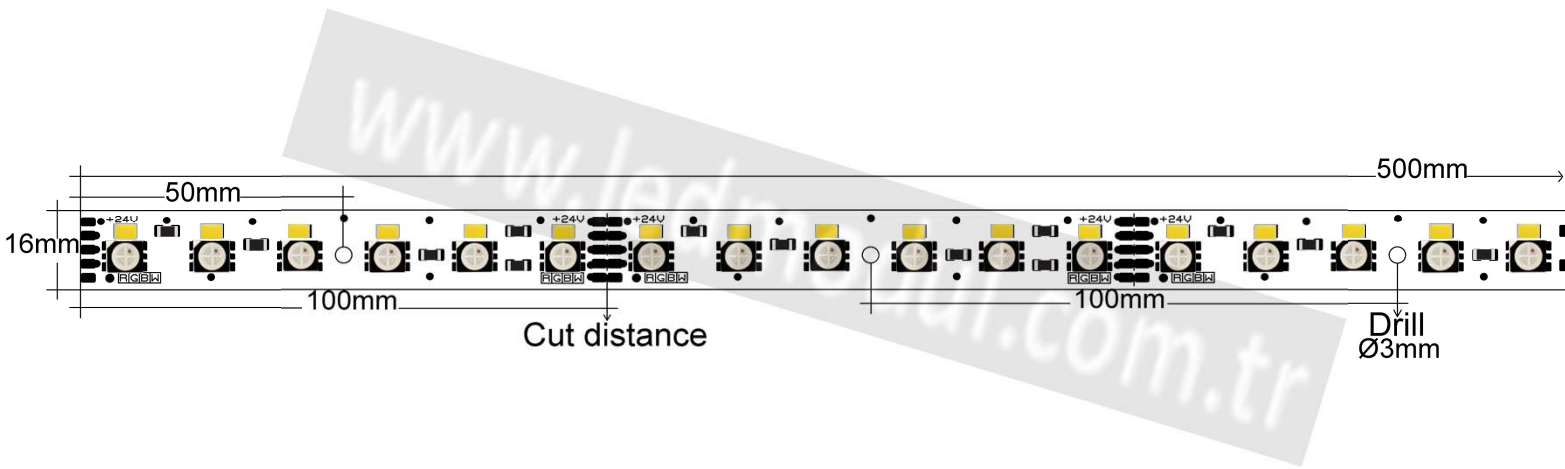
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Chip: nm / mcd	Productivity	Colour Tolerance	CRI
CSV16L495X-24RGB30	60	24 Vdc	R:< 0.20 A G:< 0,20A B:< 0,20A	<14 Watt	R	624nm / 900mcd	-	MacAdam 3	> 80
					G	540nm / 1400mcd	-		
					B	480nm / 505mcd	-		
					-	-	-		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

RGBW Constant Voltage Linear Module

CSV16L500X-24RGB30W30



Product Description

Constant voltage RGBW		
Optimal solution for linear and concealed light where cost is a top priority		
Excellent linear light intensity		
Simple installation		
Perfectly uniform light, even if several LED modules are used together in a line		
Led Chip	WHITE LED: Osram - Samsung	RGB LED: Cree - Edison
Rated life [L70]	50 000 h	
Origin	Turkey	
Warranty	Up to 3 Years	

Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

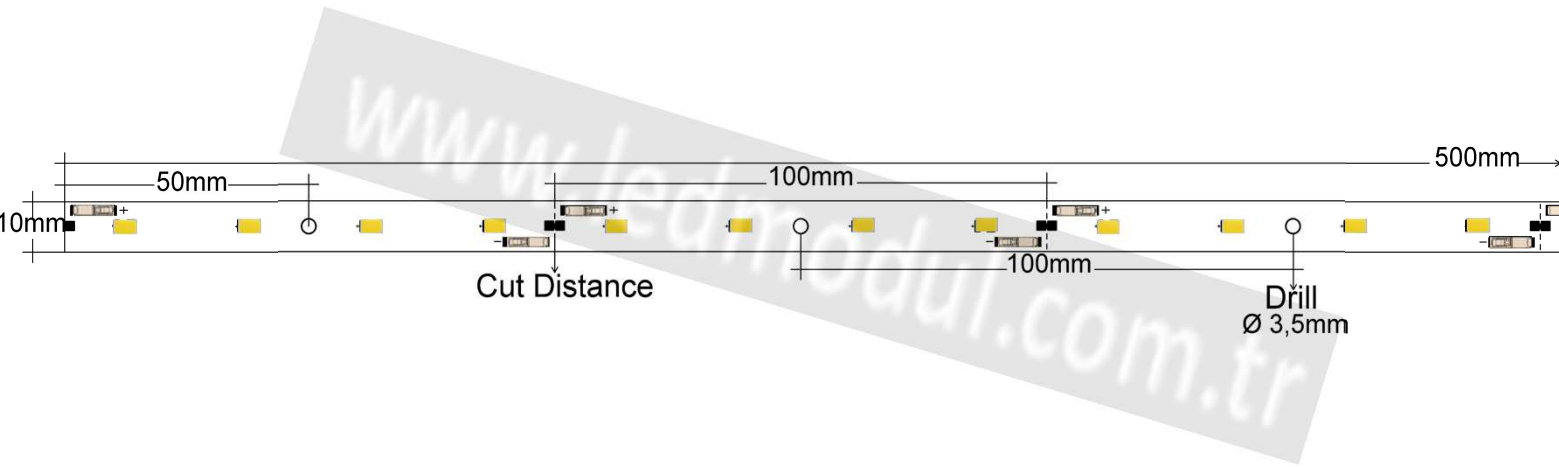
Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
<u>CSV16L495X-24RGB30W30</u>	60RGB + 60 White	24 Vdc	R:< 0,20 A G:< 0,20A B:< 0,20A W:< 0,60A	< 14 Watt & <14Watt	R	624nm / 900mcd		MacAdam 3	> 80
					G	540nm / 1400mcd			
					B	480nm / 505mcd			
					2700K < 6500K	1680 lm	117 lm/W		

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Constant Current Linear Module
YSA10L500X-15M20



Product Description

Constant Current	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

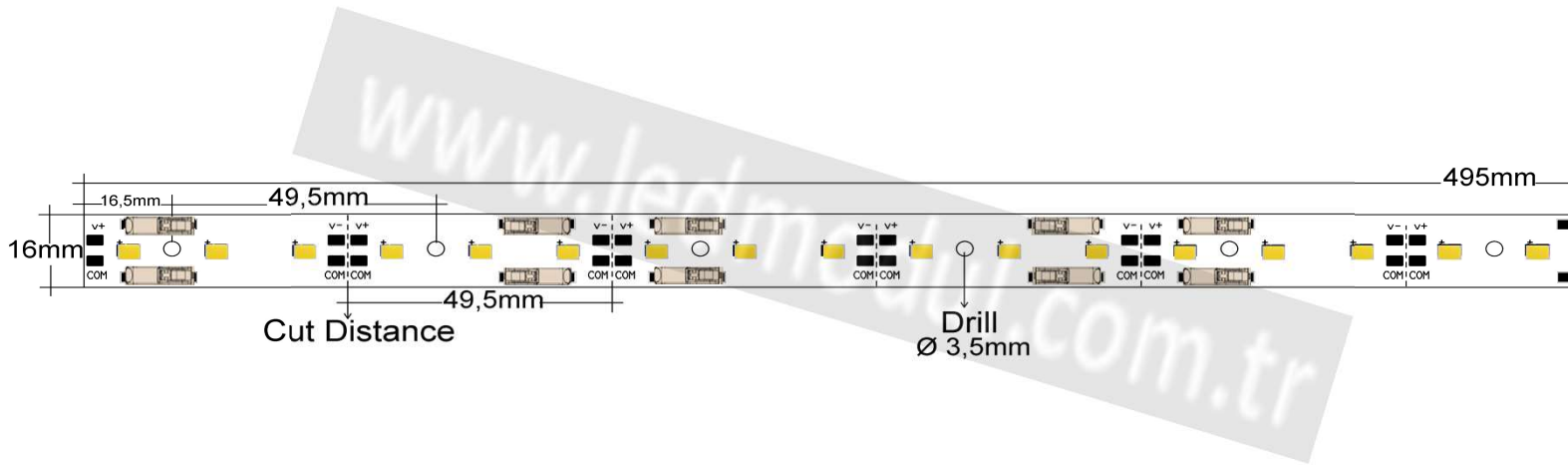
Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
YSA10L500X-15M20	20	15 Vdc	350mA	5.25 Watt	2700K	730 lm	139 lm/W	MacAdam 3	> 80
					3000K	760 lm	145 lm/W		
					4000K	785 lm	150 lm/W		
					6500K	785 lm	150 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

Constant Current Linear Module
YSA16L495X-30M30



Product Description

Constant Current	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

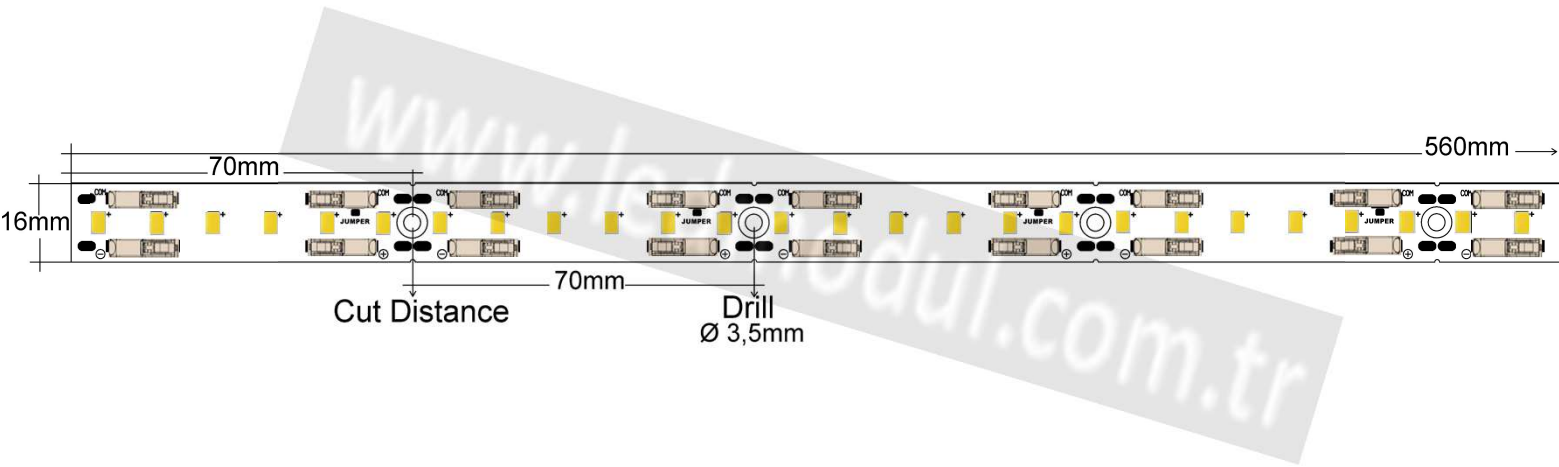
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
YSA16L495X-30M30	30	30 Vdc	350mA	10.5 Watt	2700K	1400 lm	134 lm/W	MacAdam 3	> 80
					3000K	1450 lm	138 lm/W		
					4000K	1530 lm	146 lm/W		
					6500K	1530 lm	146 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

Constant Current Linear Module

YSA16L560X-48M48



Product Description

Constant Current	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

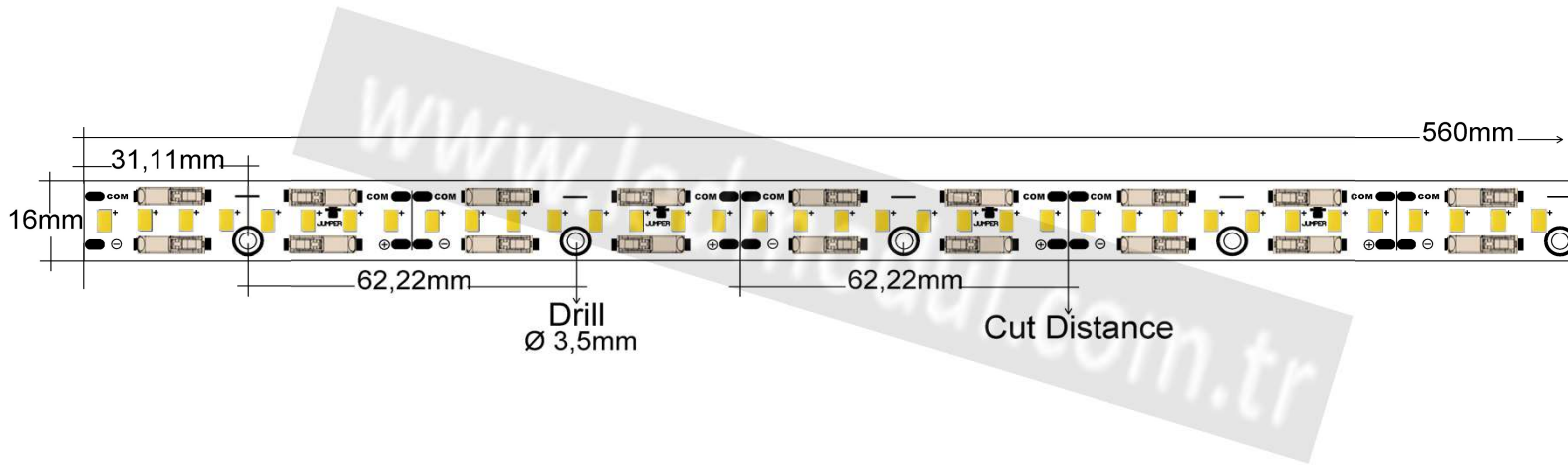
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
YSA16L560X-48M48	48	48 Vdc	350mA	16.8 Watt	2700K	2250 lm	134 lm/W	MacAdam 3	> 80
					3000K	2310 lm	138 lm/W		
					4000K	2450 lm	146 lm/W		
					6500K	2450 lm	146 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

Constant Current Linear Module

YSA16L560X-54M72



Product Description

Constant Current	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

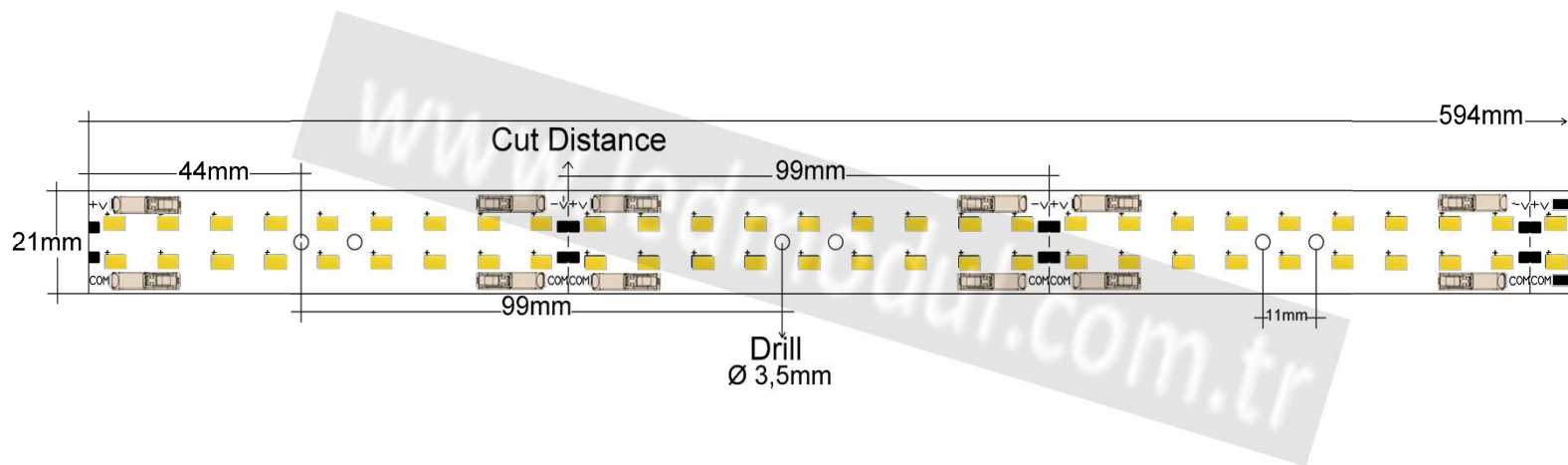
Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colur Tolerance	CRI
YSA16L560X-54M72	72	54 Vdc	350mA	18.9 Watt	2700K	2620 lm	139 lm/W	MacAdam 3	> 80
					3000K	2740 lm	145 lm/W		
					4000K	2830 lm	150 lm/W		
					6500K	2830 lm	150 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product. Please consult the sales team to clarify any doubt.

YSA21L594X-54M108



Technical Data

Beam angle 120° C

Ambient temperature range -40....+65° C

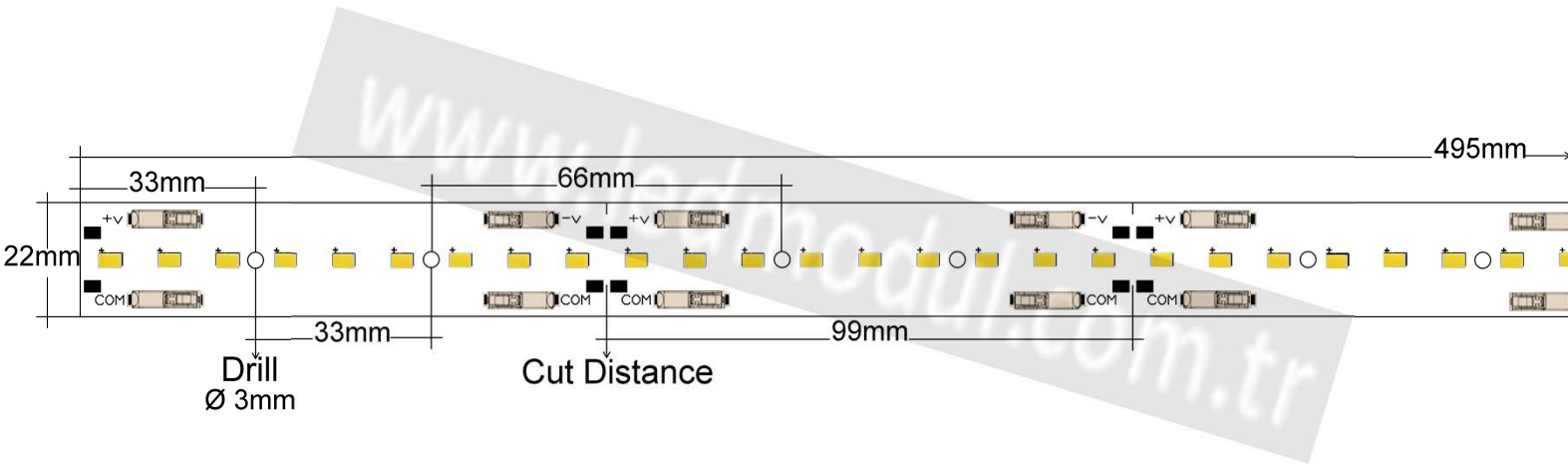
Tp rated 60° C

Tc 85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colur Tolerance	CRI
<u>YSA21L594X-54M108</u>	108	54 Vdc	350mA	18.9 Watt	2700K	2620 lm	139 lm/W	MacAdam 3	> 80
					3000K	2740 lm	145 lm/W		
					4000K	2830 lm	150 lm/W		
					6500K	2830 lm	150 lm/W		
			500mA	27 Watt	2700K	3750 lm	139 lm/W	MacAdam 3	> 80
					3000K	2900 lm	145 lm/W		
					4000K	4050 lm	150 lm/W		
					6500K	4050 lm	150 lm/W		

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Constant Current Linear Module
YSA22L495X-45M45



Product Description

Constant Current	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

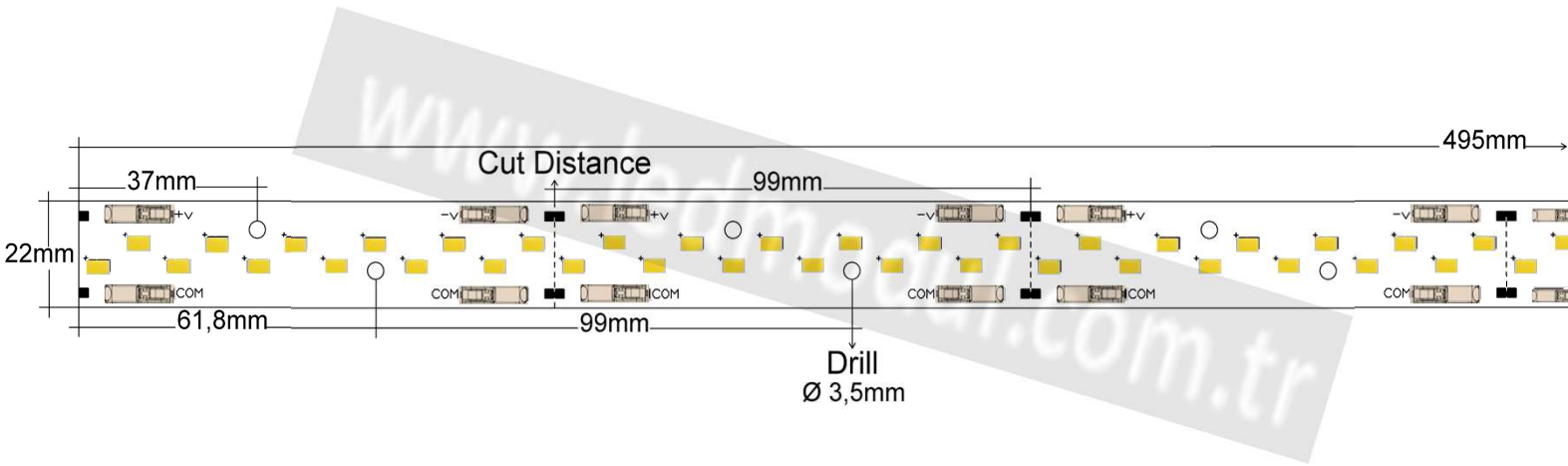
Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
YSA22L495X-45M45	45	45 Vdc	350mA	15.75 Watt	2700K	2110 lm	134 lm/W	MacAdam 3	> 80
					3000K	2170 lm	138 lm/W		
					4000K	2300 lm	146 lm/W		
					6500K	2300 lm	146 lm/W		

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Constant Current Linear Module
YSA22L495X-45M60



Product Description

Constant Current	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

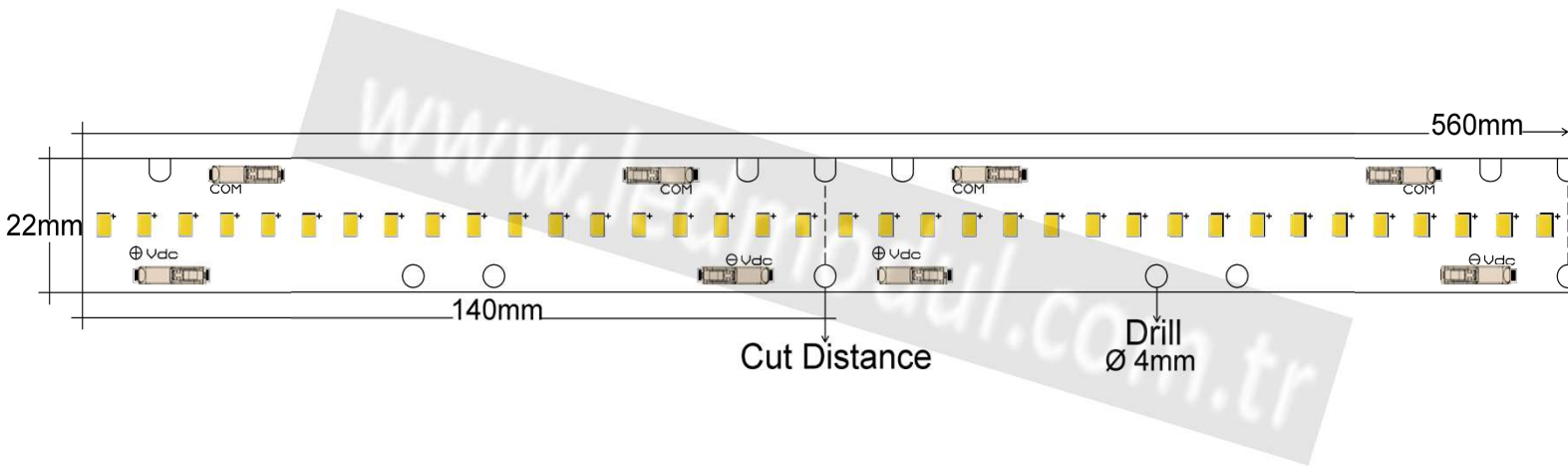
Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
YSA22L495X-45M60	60	45 Vdc	350mA	15.75 Watt	2700K	2180 lm	139 lm/W	MacAdam 3	> 80
					3000K	2280 lm	145 lm/W		
					4000K	2360 lm	150 lm/W		
					6500K	2360 lm	150 lm/W		

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Please consult the sales team to clarify any doubt.

Constant Current Linear Module
YSA24L560X-72M72



Product Description

Constant Current	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
YSA24L560X-72M72	72	72 Vdc	350mA	25.2 Watt	2700K	3370 lm	134 lm/W	MacAdam 3	> 80
					3000K	3470 lm	138 lm/W		
					4000K	3680 lm	146 lm/W		
					6500K	3680 lm	146 lm/W		

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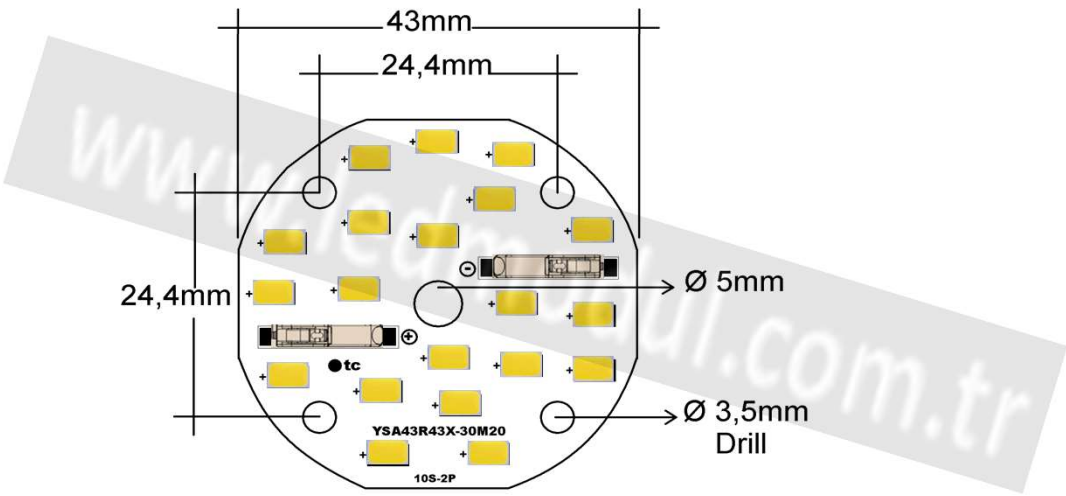
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Constant Current Round Module

YSA43R43X-30M20



Product Description

Constant Current	
The most suitable solution for led spotlights and similar fixtures where cost is important	
Excellent angular light intensity	
Simple installation	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

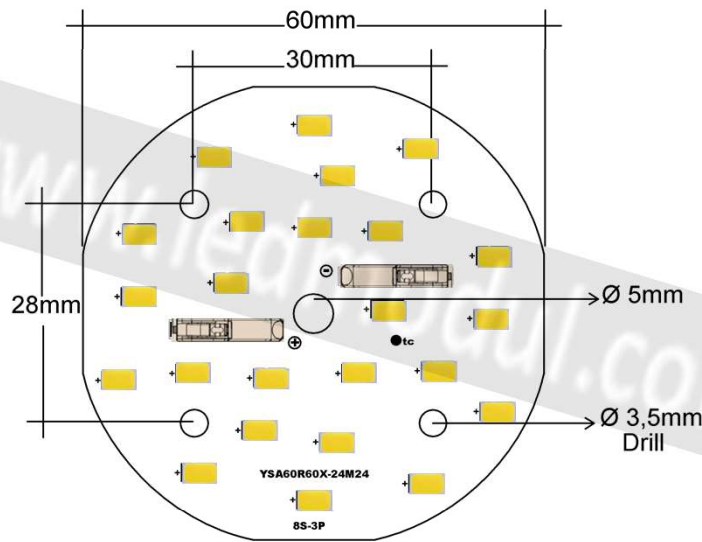
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Color Tolerance	CRI
YSA43R43X-30M20	20	30 Vdc	200mA	6 Watt	2700K	848 lm	141 lm/W	MacAdam 3	> 80
					3000K	876 lm	146 lm/W		
					4000K	926 lm	154 lm/W		
					6500K	926 lm	154 lm/W		
			250mA	7.5 Watt	2700K	1034 lm	138 lm/W	MacAdam 3	> 80
					3000K	1068 lm	143 lm/W		
					4000K	1128 lm	151 lm/W		
					6500K	1128 lm	151 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product. Please consult the sales team to clarify any doubt.

Constant Current Round Module

YSA60R60X-24M24



Product Description

Constant Current	
The most suitable solution for led spotlights and similar fixtures where cost is important	
Excellent angular light intensity	
Simple installation	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

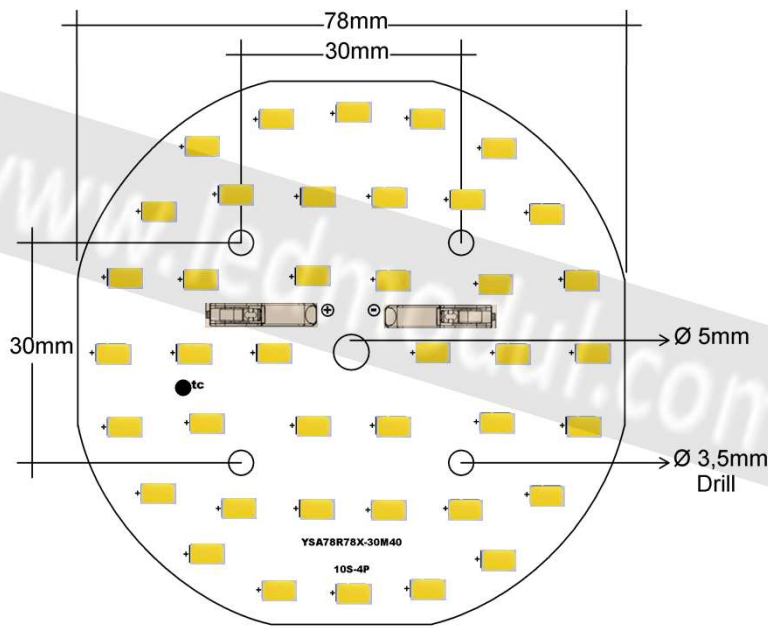
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
YSA60R60X-24M24	24	24 Vdc	350mA	8.4 Watt	2700K	1162 lm	139 lm/W	MacAdam 3	> 80
					3000K	1200 lm	143 lm/W		
					4000K	1268 lm	151 lm/W		
					6500K	1268 lm	151 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product. Please consult the sales team to clarify any doubt.

Constant Current Round Module

YSA78R78X-30M40



Product Description

Constant Current	
The most suitable solution for led spotlights and similar fixtures where cost is important	
Excellent angular light intensity	
Simple installation	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

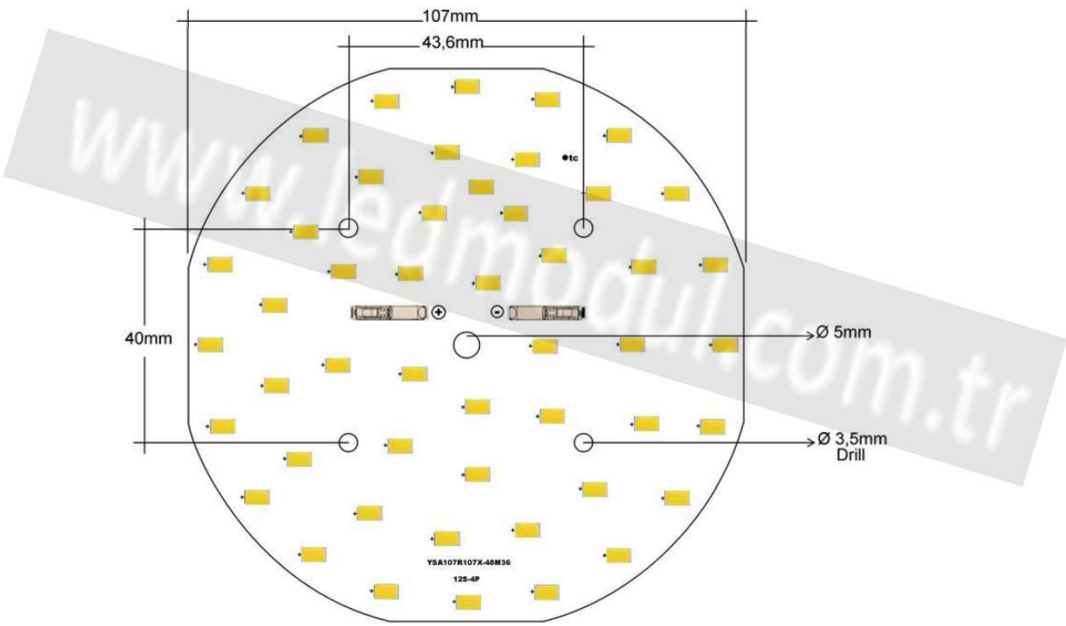
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colur Tolerance	CRI
YSA78R78X-30M40	40	30Vdc	350mA	10,5 Watt	2700K	1512 lm	144 lm/W	MacAdam 3	> 80
					3000K	1564 lm	149 lm/W		
					4000K	1652 lm	158 lm/W		
					6500K	1652 lm	158 lm/W		
			500mA	15 Watt	2700K	2068 lm	138 lm/W	MacAdam 3	> 80
					3000K	2136 lm	143 lm/W		
					4000K	2256 lm	151 lm/W		
					6500K	2256 lm	151 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

Constant Current Round Module

YSA107R107X-36M48



Product Description

Constant Current	
The most suitable solution for led spotlights and similar fixtures where cost is important	
Excellent angular light intensity	
Simple installation	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

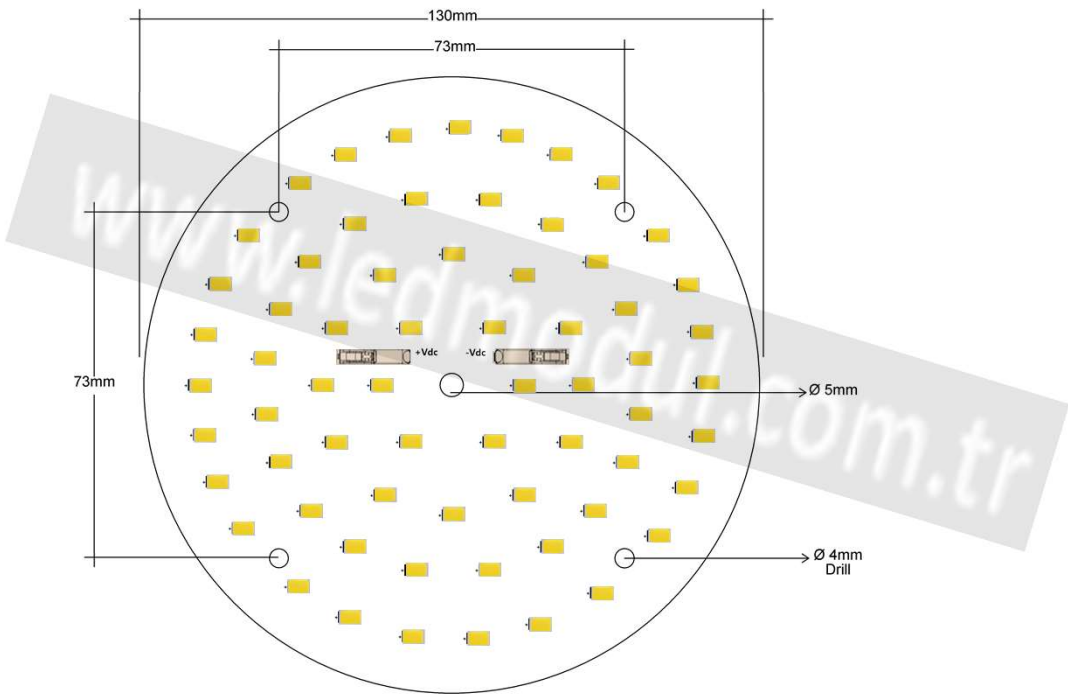
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
YSA107R107X-36M48	48	36Vdc	350mA	12.6 Watt	2700K	1815 lm	145 lm/W	MacAdam 3	> 80
					3000K	1877 lm	149 lm/W		
					4000K	1983 lm	158 lm/W		
					6500K	1983 lm	158 lm/W		
			500mA	18 Watt	2700K	2482 lm	138 lm/W		
					3000K	2564 lm	143 lm/W		
					4000K	2708 lm	151 lm/W		
					6500K	2708 lm	151 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product. Please consult the sales team to clarify any doubt.

Constant Current Round Module

YSA130R130X-39M65



Product Description

Constant Current	
The most suitable solution for led spotlights and similar fixtures where cost is important	
Excellent angular light intensity	
Simple installation	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

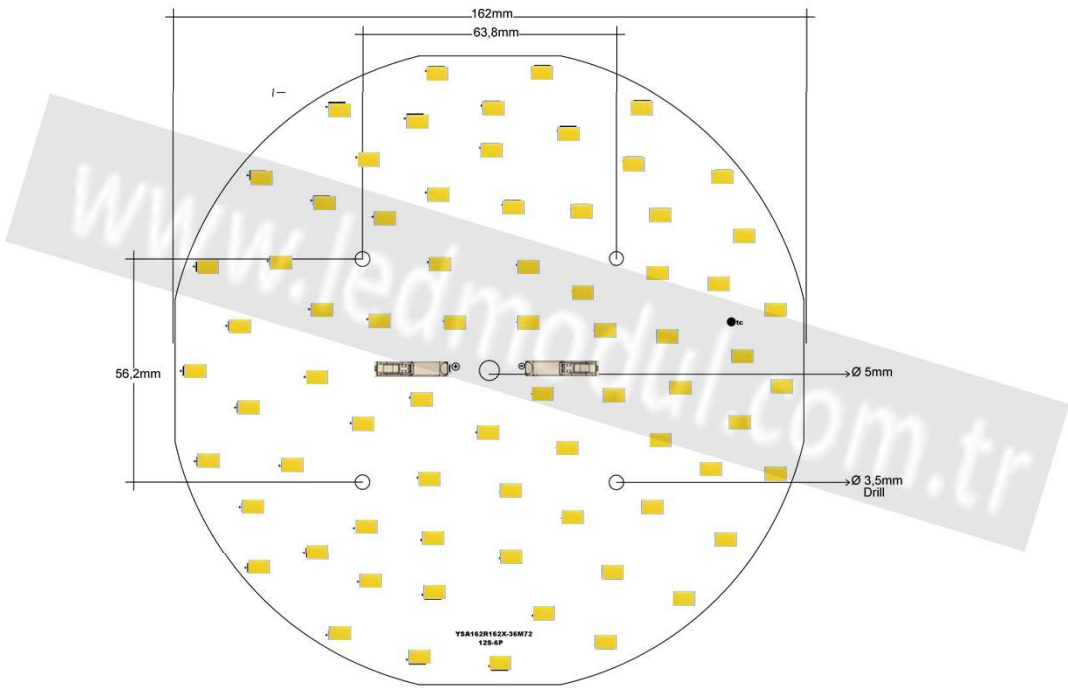
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
YSA130R130X-39M65	65	39Vdc	350mA	13.7 Watt	2700K	1900 lm	139 lm/W	MacAdam 3	> 80
					3000K	1980 lm	145 lm/W		
					4000K	2050 lm	150 lm/W		
					6500K	2050 lm	150 lm/W		
			500mA	19.5 Watt	2700K	2690 lm	138 lm/W		
					3000K	2800 lm	144 lm/W		
					4000K	2900 lm	149 lm/W		
					6500K	2900 lm	149 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product. Please consult the sales team to clarify any doubt.

Constant Current Round Module

YSA162R162X-36M72



Product Description

Constant Current	
The most suitable solution for led spotlights and similar fixtures where cost is important	
Excellent angular light intensity	
Simple installation	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
TP rated	60° C
Tc	85° C

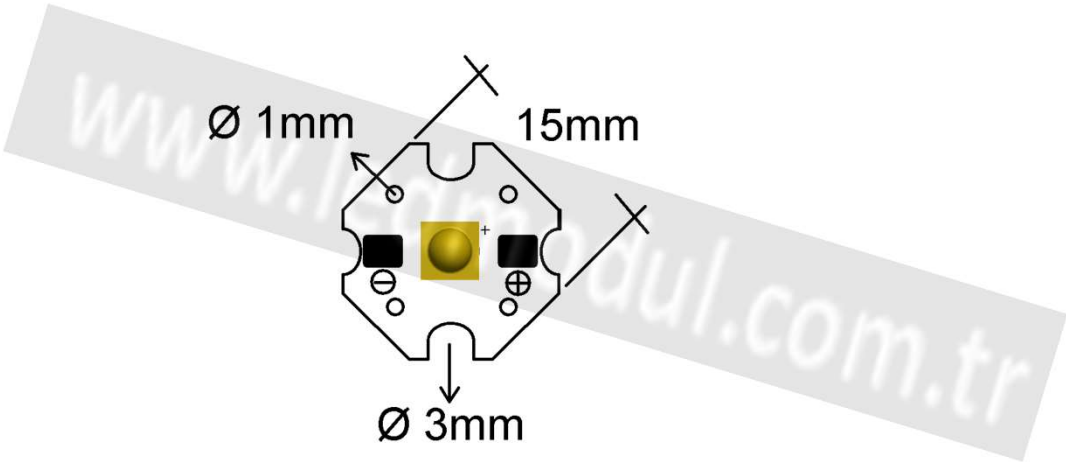
Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
YSA162R162X-36M72	72	36Vdc	350mA	12,6 Watt	2700K	1887 lm	150 lm/W	MacAdam 3	> 80
					3000K	1952 lm	155 lm/W		
					4000K	2060 lm	164 lm/W		
					6500K	2060 lm	164 lm/W		
			500mA	18 Watt	2700K	2614 lm	146 lm/W		
					3000K	2700 lm	150 lm/W		
					4000K	2852 lm	159 lm/W		
					6500K	2852 lm	159 lm/W		
			700mA	25,2 Watt	2700K	3514 lm	140 lm/W		
					3000K	3629 lm	145 lm/W		
					4000K	3831 lm	152 lm/W		
					6500K	3831 lm	152 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product. Please consult the sales team to clarify any doubt.

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<u>PSA43Q144X-36H12</u>	<u>Page 34</u>
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Constant Current High Power Led Module
PSA15R15X-03H01



Product Description

Constant Current High Power Led	
The most suitable solution for led spotlights and special lighting fixtures where cost is important	
Excellent angular light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Cree - Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

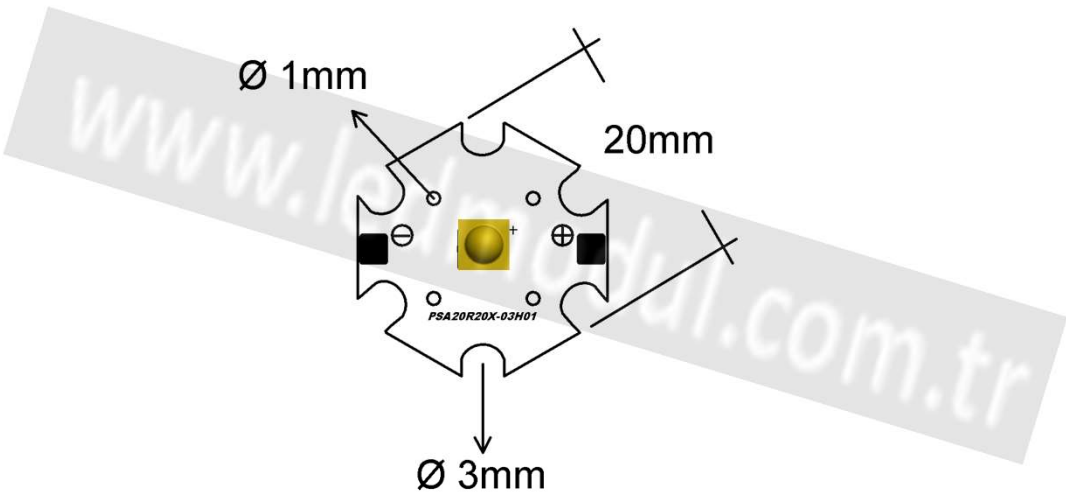
Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
PSA15R15X-03H01	1	3 Vdc	350mA	1 Watt	2700K	144 lm	144 lm/W	MacAdam 3	> 80
					3000K	154 lm	154 lm/W		
					4000K	164 lm	164 lm/W		
					6500K	164 lm	164 lm/W		
			500mA	1.5 Watt	2700K	208 lm	139 lm/W		
					3000K	223 lm	149 lm/W		
					4000K	238 lm	159 lm/W		
					6500K	238 lm	159 lm/W		
			700mA	2.2 Watt	2700K	298 lm	136 lm/W		
					3000K	320 lm	146 lm/W		
					4000K	343 lm	156 lm/W		
					6500K	343 lm	156 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

Constant Current High Power Led Module
PSA20R20X-03H01



Product Description

- Constant Current High Power Led
- The most suitable solution for led spotlights and special lighting fixtures where cost is important
- Excellent angular light intensity
- Simple installation

Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
TP rated	60° C
Tc	85° C

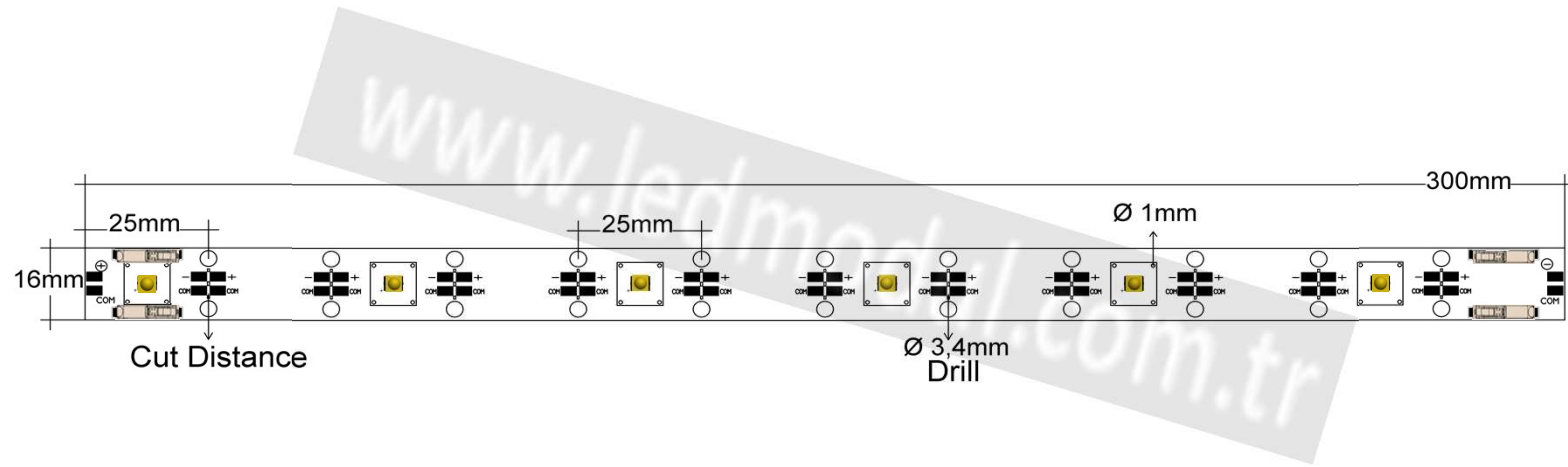
Led Chip	Cree - Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
PSA20R20X-03H01	1	3 Vdc	350mA	1 Watt	2700K	144 lm	144 lm/W	MacAdam 3	> 80
					3000K	154 lm	154 lm/W		
					4000K	164 lm	164 lm/W		
					6500K	164 lm	164 lm/W		
			500mA	1.5 Watt	2700K	208 lm	139 lm/W		
					3000K	223 lm	149 lm/W		
					4000K	238 lm	159 lm/W		
					6500K	238 lm	159 lm/W		
			700mA	2.2 Watt	2700K	298 lm	136 lm/W		
					3000K	320 lm	146 lm/W		
					4000K	343 lm	156 lm/W		
					6500K	343 lm	156 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

Constant Current High Power Led Module

PSA16L300X-18H06



Product Description

Constant Current High Power Led
The most suitable solution for led spotlights and special lighting fixtures where cost is important
Excellent angular light intensity
Simple installation

Led Chip	Cree - Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

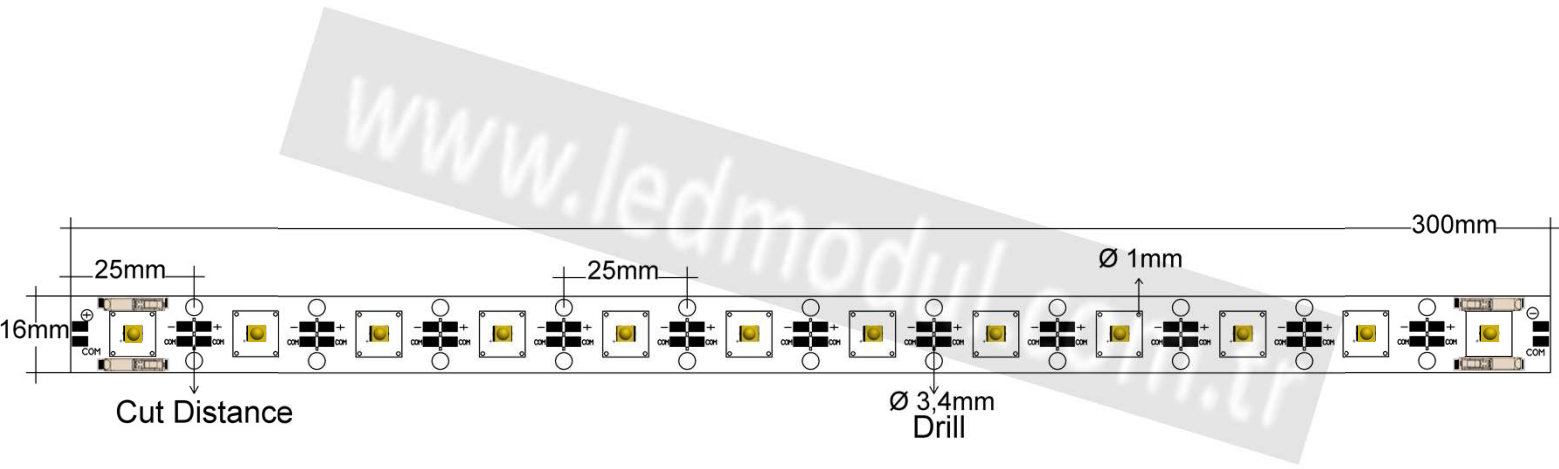
Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
PSA16L300X-18H06	6	18 Vdc	350mA	6 Watt	2700K	870 lm	144 lm/W	MacAdam 3	> 80
					3000K	930 lm	154 lm/W		
					4000K	990 lm	164 lm/W		
					6500K	990 lm	164 lm/W		
			500mA	9 Watt	2700K	1250 lm	139 lm/W		
					3000K	1340 lm	149 lm/W		
					4000K	1430 lm	159 lm/W		
					6500K	1430 lm	159 lm/W		
			700mA	13 Watt	2700K	1770 lm	136 lm/W		
					3000K	1900 lm	146 lm/W		
					4000K	2020 lm	156 lm/W		
					6500K	2020 lm	156 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

Constant Current High Power Led Module PSA16L300X-36H12



Product Description

- Constant Current High Power Led
- The most suitable solution for led spotlights and special lighting fixtures where cost is important
- Excellent angular light intensity
- Simple installation

Technical Data

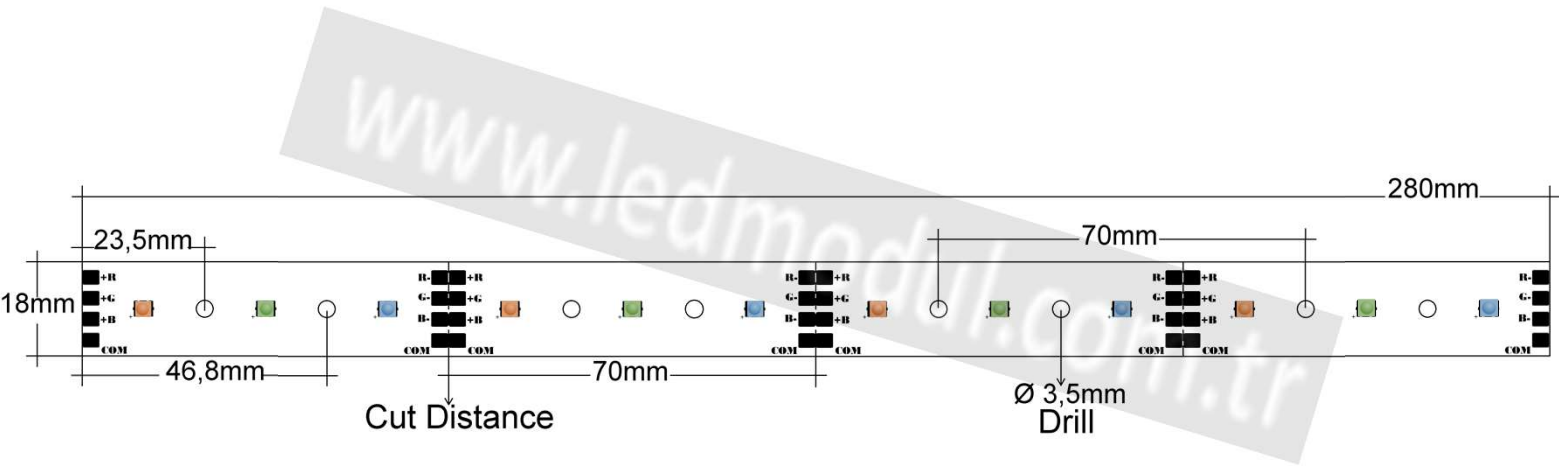
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Led Chip	Cree - Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
PSA16L300X-36H12	12	36 Vdc	350mA	12 Watt	2700K	1728 lm	144 lm/W	MacAdam 3	> 80
					3000K	1848 lm	154 lm/W		
					4000K	1968 lm	164 lm/W		
					6500K	1968 lm	164 lm/W		
			500mA	18 Watt	2700K	2500 lm	139 lm/W		
					3000K	2680 lm	149 lm/W		
					4000K	2860 lm	159 lm/W		
					6500K	2860 lm	159 lm/W		
			700mA	26 Watt	2700K	3530 lm	136 lm/W		
					3000K	3800 lm	146 lm/W		
					4000K	4050 lm	156 lm/W		
					6500K	4050 lm	156 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

Constant Current RGB High Power Led Module
PSA18L280X-12H12RGB



Product Description

- Constant Current RGB High Power Led
- The most suitable solution for led spotlights and special lighting fixtures where cost is important
- Excellent angular light intensity
- Simple installation

Led Chip	Cree - Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

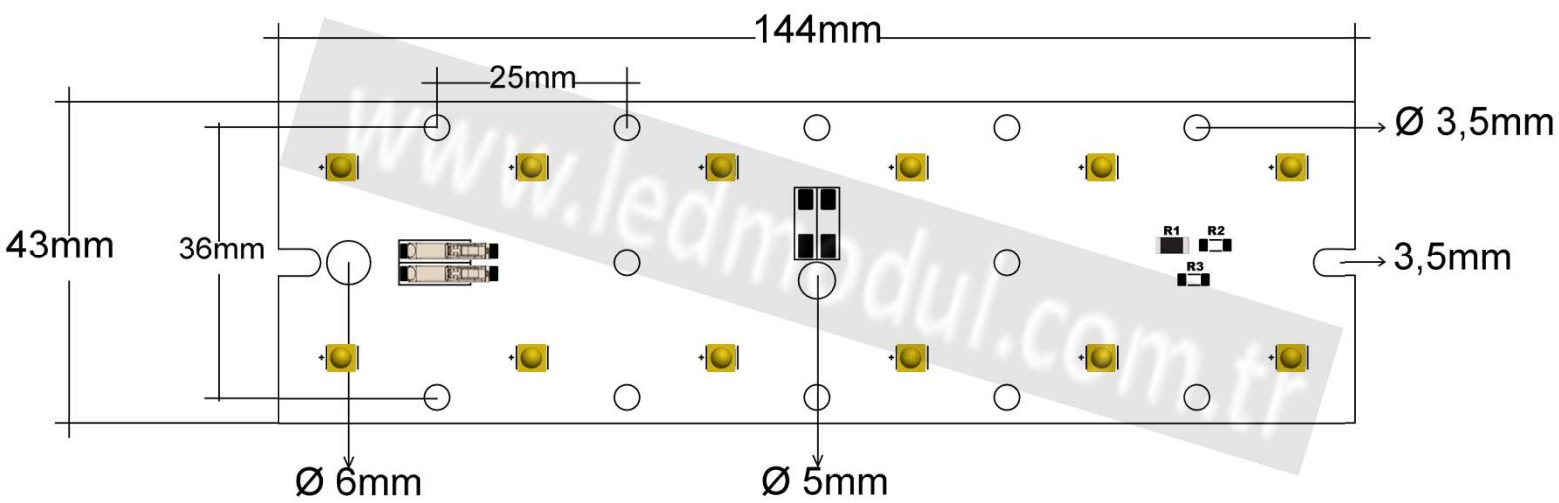
Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
PSA18L280X-12H12RGB	4R+4G+4B =12	12 Vdc	350<700 mA	12 < 25 Watt	R	67,2	-	MacAdam 3	> 80
					G	100	-		
					B	39.8	-		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

Constant Current High Power Led Module
PSA43Q144X-36H12



Product Description

Constant Current High Power Led	
The most suitable solution for led spotlights and special lighting fixtures where cost is important	
Excellent angular light intensity	
Simple installation	
Led Chip	Cree - Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

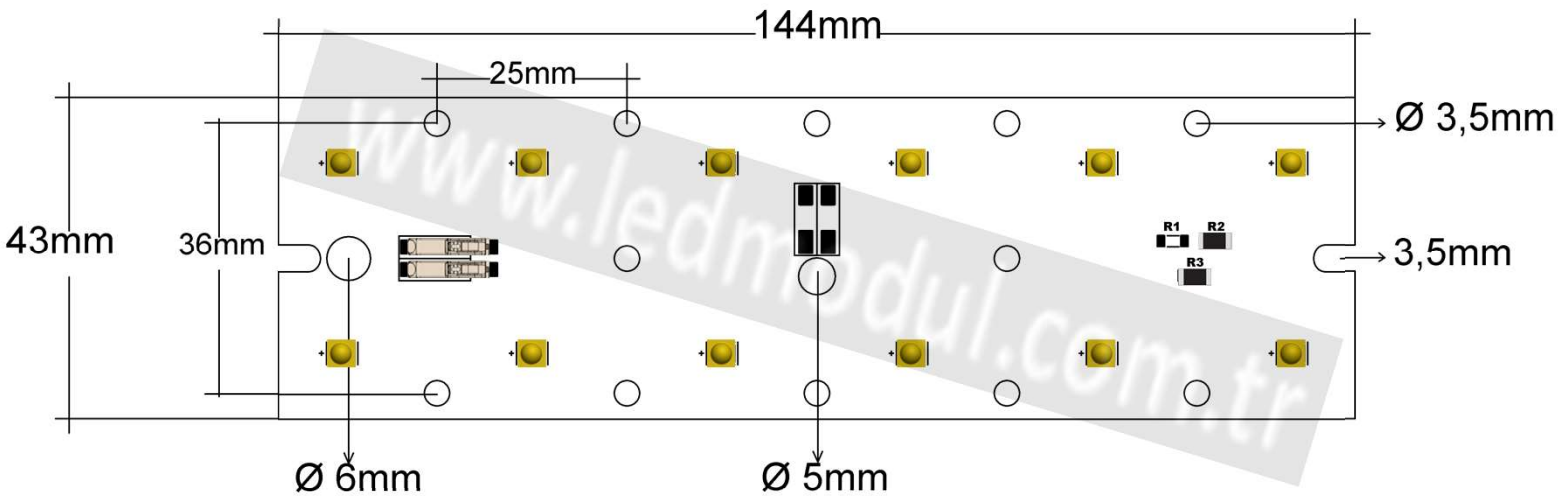
Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
PSA43Q144X-36H12	12	36 Vdc	350mA	12 Watt	2700K	1728 lm	144 lm/W	MacAdam 3	> 80
					3000K	1848 lm	154 lm/W		
					4000K	1968 lm	164 lm/W		
					6500K	1968 lm	164 lm/W		
			500mA	18 Watt	2700K	2502 lm	139 lm/W		
					3000K	2682 lm	149 lm/W		
					4000K	2862 lm	159 lm/W		
					6500K	2862 lm	159 lm/W		
			700mA	26 Watt	2700K	3536 lm	136 lm/W		
					3000K	3796 lm	146 lm/W		
					4000K	4056 lm	156 lm/W		
					6500K	4056 lm	156 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product. Please consult the sales team to clarify any doubt.

Constant Current High Power Led Module
PSA43Q144X-18H12



Product Description

- Constant Current High Power Led
- The most suitable solution for led spotlights and special lighting fixtures where cost is important
- Excellent angular light intensity
- Simple installation

Led Chip	Cree - Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

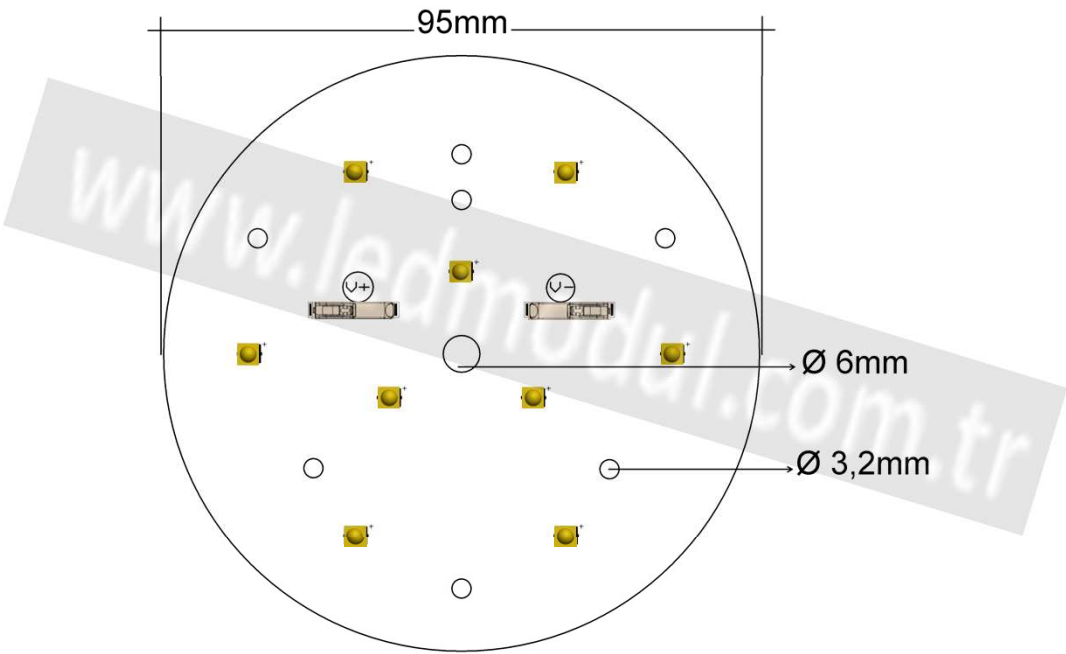
Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
TP rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
PSA43Q144X-18H12	12	18 Vdc	700mA	12 Watt	2700K	1728 lm	144 lm/W	MacAdam 3	> 80
					3000K	1848 lm	154 lm/W		
					4000K	1968 lm	164 lm/W		
					6500K	1968 lm	164 lm/W		
			1050mA	18 Watt	2700K	2502 lm	139 lm/W		
					3000K	2682 lm	149 lm/W		
					4000K	2862 lm	159 lm/W		
					6500K	2862 lm	159 lm/W		
			1400mA	26 Watt	2700K	3536 lm	136 lm/W		
					3000K	3796 lm	146 lm/W		
					4000K	4056 lm	156 lm/W		
					6500K	4056 lm	156 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product. Please consult the sales team to clarify any doubt.

Constant Current High Power Led Module
PSA95R95X-27H09



Product Description

- Constant Current High Power Led
- The most suitable solution for led spotlights and special lighting fixtures where cost is important
- Excellent angular light intensity
- Simple installation

Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
TP rated	60° C
Tc	85° C

Led Chip	Cree - Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
PSA95R95X-27H09	9	27 Vdc	350mA	9.5 Watt	2700K	1320 lm	144 lm/W	MacAdam 3	> 80
					3000K	1380 lm	154 lm/W		
					4000K	1430 lm	164 lm/W		
					6500K	1430 lm	164 lm/W		
			500mA	13.5 Watt	2700K	1320 lm	139 lm/W		
					3000K	1380 lm	149 lm/W		
					4000K	1430 lm	159 lm/W		
					6500K	1430 lm	159 lm/W		
			700mA	19 Watt	2700K	1320 lm	136 lm/W		
					3000K	1380 lm	146 lm/W		
					4000K	1430 lm	156 lm/W		
					6500K	1430 lm	156 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

TUNABLE WHITE SERIES

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PSA15R15X-03H01

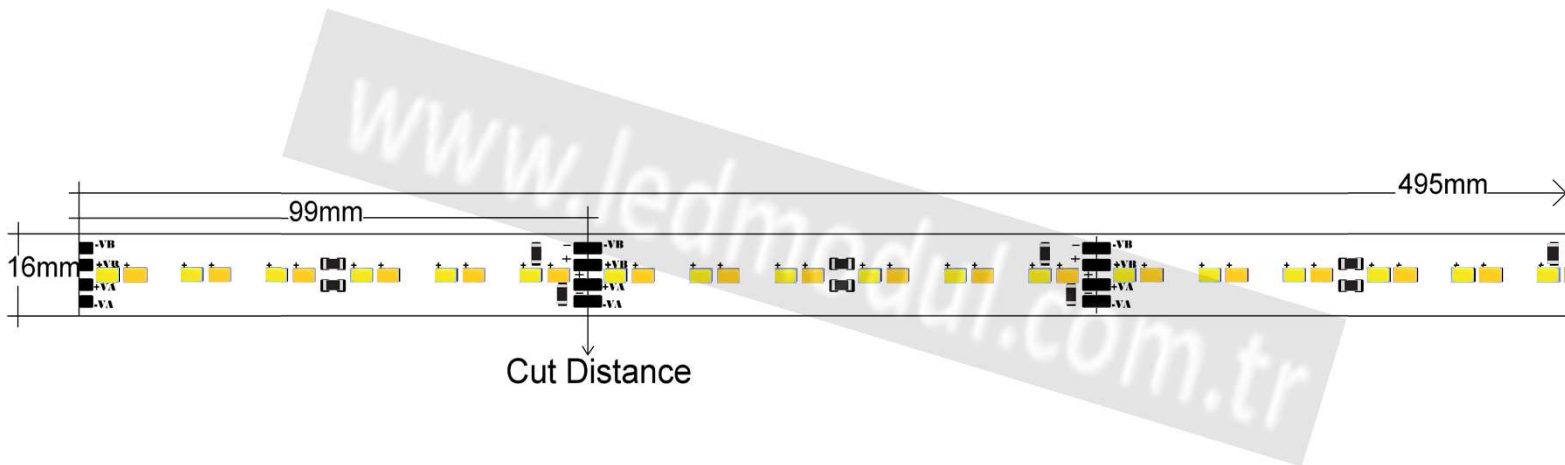
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PSA20R20X-03H01

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Constant Voltage Linear Module

CSV16L495X-24M30TW



Product Description

Tunable White according to the environment with controls	
Constant voltage	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

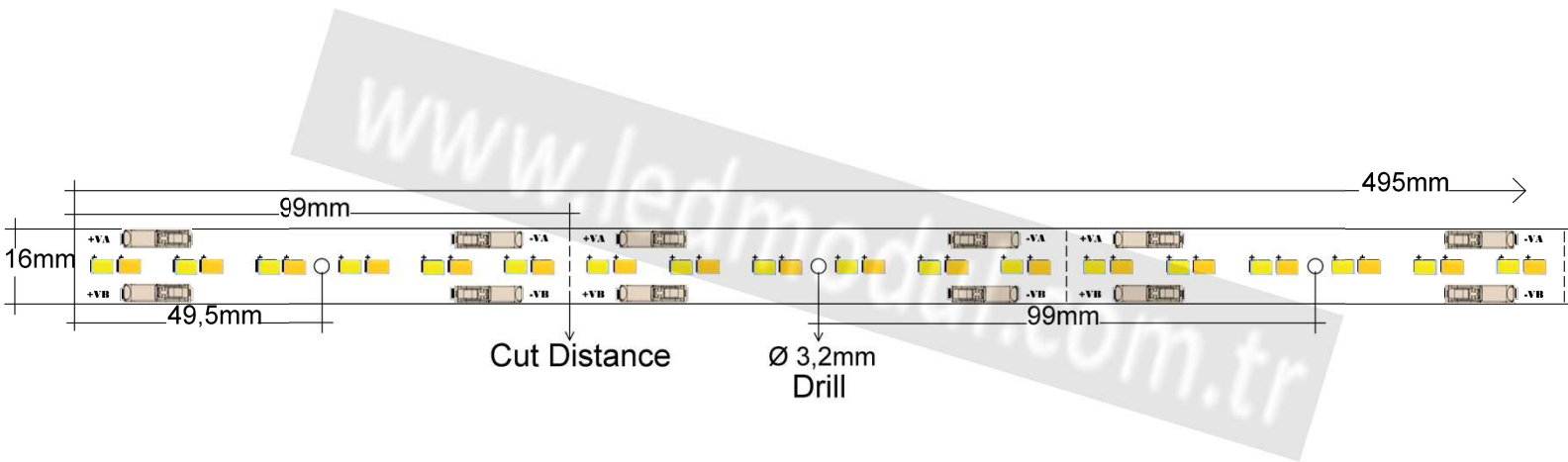
Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
CSV16L495X-24M30TW	60+60 (120)	24 Vdc	< 0.40 A	< 19 Watt	2700K	1100 lm	114 lm/W	MacAdam 3	> 80
					3000K	1300 lm	117 lm/W		
					4000K	1820 lm	121 lm/W		
					6500K	1170 lm	121 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

Constant Current Linear Module

YSA16L495X-30M30TW



Product Description

Tunable White according to the environment with controls	
Constant Current	
Optimal solution for linear and concealed light where cost is a top priority	
Excellent linear light intensity	
Simple installation	
Perfectly uniform light, even if several LED modules are used together in a line	
Led Chip	Osram - Samsung
Rated life [L70]	50 000 h
Origin	Turkey
Warranty	Up to 3 Years

Technical Data

Beam angle	120° C
Ambient temperature range	-40....+65° C
Tp rated	60° C
Tc	85° C

Product Code	LED Quantity	VDC	AMP	WATT	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Colour Tolerance	CRI
<u>YSA16L495X-30M30TW</u>	30+30 (60)	30 Vdc	350mA	<21 Watt	2700K	1400 lm	134 lm/W	MacAdam 3	> 80
					3000K	1690 lm	138 lm/W		
					4000K	2400 lm	146 lm/W		
					6500K	1530 lm	146 lm/W		

LEDMODUL reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.
Please consult the sales team to clarify any doubt.

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LED Luminaire LEDBAR-S Surface Mounted
Linear Series
LEDBAR-S



Electrical Data

Operating Voltage	24VDC
Driver (Excluded)	Not Included
Led Chip	Osram - Samsung

Performance Data

Operating Temperature [Ta]	-30°C to +60°C
Colour rendering index [CRI]	Ra>80 – Ra>90
Rated life [L70]	50 000 h

Product Features

Mounting Location	Indoor
Mounting Type	Independent / S.M.
Light Source	LED
Optic	Polycarbonate Diffuser
Body Material	Aluminum
Body Color	Anodized/Electrostatic Powder Coating
IP Rating	20-44
Origin	Turkey
Additional Accesories	Surface Mounting Bracket
Warranty	Up to 3 Years

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Cut Distance	CRI
LEDBAR-S	60	24 Vdc	< 0.60 A	< 14 Watt	2700K	1410 lm	101 lm/W	10cm	> 80
					3000K	1470 lm	105 lm/W		
					4000K	1560 lm	112 lm/W		
					6500K	1560 lm	112 lm/W		
	120	24 Vdc	< 0.60 A	< 14 Watt	2700K	1550 lm	111 lm/W	5cm	> 80
					3000K	1620 lm	115 lm/W		
					4000K	1700 lm	122 lm/W		
					6500K	1700 lm	122 lm/W		

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LED Luminaire LEDBAR-B Surface Mounted
Linear Series
LEDBAR-B



Dimensions :
Width : 18.5mm
Height : 15mm

Electrical Data

Operating Voltage	24VDC
Driver (Excluded)	Not Included
Led Chip	Osram - Samsung

Performance Data

Operating Temperature [Ta]	-30°C to +60°C
Colour rendering index [CRI]	Ra>80
Rated life [L70]	50 000 h

Product Features

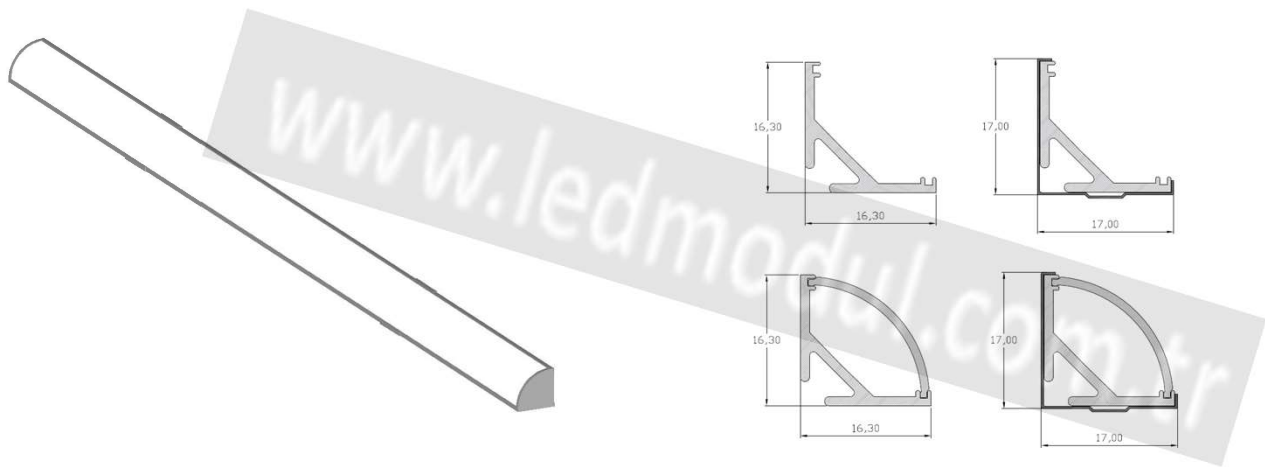
Mounting Location	Indoor
Mounting Type	Independent / S.M.
Light Source	LED
Optic	Polycarbonate Diffuser
Body Material	Aluminum
Body Color	Anodized/Electrostatic Powder Coating
IP Rating	20
Origin	Turkey
Additional Accesories	Surface Mount Bracket
Warranty	3 Years

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Cut Distance	CRI
LEDBAR-B	60	24 Vdc	< 0.60 A	< 14 Watt	2700K	1410 lm	101 lm/W	10cm	> 80
					3000K	1470 lm	105 lm/W		
					4000K	1560 lm	112 lm/W		
					6500K	1560 lm	112 lm/W		
	120	24 Vdc	< 0.83 A	< 20 Watt	2700K	2080 lm	104 lm/W	5cm	> 80
					3000K	2160 lm	108 lm/W		
					4000K	2300 lm	115 lm/W		
					6500K	2300 lm	115 lm/W		

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LED Luminaire LEDBAR-C Surface Mounted
Linear Series

LEDBAR-C



Electrical Data

Operating Voltage	24VDC
Driver (Excluded)	Not Included
Led Chip	Samsung - Osram

Performance Data

Operating Temperature [Ta]	-30°C to +60°C
Colour rendering index [CRI]	Ra>80 – Ra>90
Rated life [L70]	50 000 h
System Efficiency [lm/W]	Up to 90

Product Features

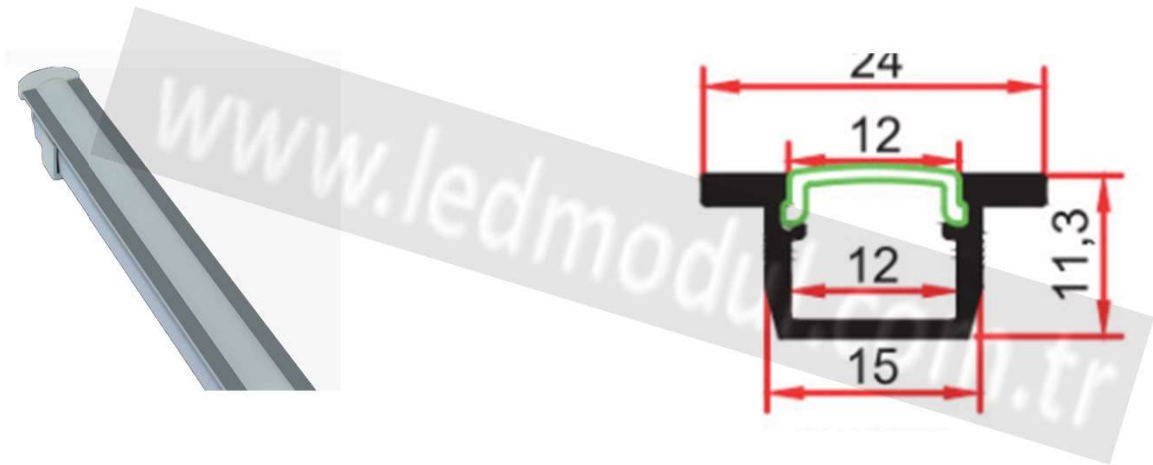
Mounting Location	Indoor
Mounting Type	Independent / S.M.
Light Source	LED
Optic	Polycarbonate Diffuser
Body Material	Aluminum
Body Color	Anodized/Electrostatic Powder Coating
IP Rating	20
Origin	Turkey
Additional Accesories	Surface Mount Bracket
Warranty	Up to 3 Years

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Cut Distance	CRI
LEDBAR-C	60	24 Vdc	< 0.60 A	< 14 Watt	2700K	1410 lm	101 lm/W	10cm	> 80
					3000K	1470 lm	105 lm/W		
					4000K	1560 lm	112 lm/W		
					6500K	1560 lm	112 lm/W		
	120	24 Vdc	< 0.60 A	< 14 Watt	2700K	1550 lm	111 lm/W	5cm	> 80
					3000K	1620 lm	115 lm/W		
					4000K	1700 lm	122 lm/W		
					6500K	1700 lm	122 lm/W		

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LED Luminaire LEDBAR-A Surface Mounted
Linear Series

LEDBAR-A



Electrical Data

Operating Voltage	24VDC
Driver (Excluded)	Not Included
Led Chip	Samsung - Osram

Performance Data

Operating Temperature [Ta]	-30°C to +60°C
Colour rendering index [CRI]	Ra>80 – Ra>90
Rated life [L70]	50 000 h
System Efficiency [lm/W]	Up to 90

Product Features

Mounting Location	Indoor
Mounting Type	Built-in
Light Source	LED
Optic	Polycarbonate Diffuser
Body Material	Aluminum
Body Color	Anodized/Electrostatic Powder Coating
IP Rating	20
Origin	Turkey
Additional Accessories	Surface Mount Bracket
Warranty	Up to 3 Years

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Cut Distance	CRI
LEDBAR-A	60	24 Vdc	< 0.60 A	< 14 Watt	2700K	1410 lm	101 lm/W	10cm	> 80
					3000K	1470 lm	105 lm/W		
					4000K	1560 lm	112 lm/W		
					6500K	1560 lm	112 lm/W		
	120	24 Vdc	< 0.60 A	< 14 Watt	2700K	1550 lm	111 lm/W	5cm	> 80
					3000K	1620 lm	115 lm/W		
					4000K	1700 lm	122 lm/W		
					6500K	1700 lm	122 lm/W		

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LED Luminaire LEDBAR-Q Surface Mounted
Linear Series

LEDBAR-Q



Width : 20mm
Height : 20mm

Electrical Data

Operating Voltage	24VDC
Driver (Excluded)	Not Included
Led Chip	Samsung - Osram

Performance Data

Operating Temperature [Ta]	-30°C to +60°C
Colour rendering index [CRI]	Ra>80 – Ra>90
Rated life [L70]	50 000 h
System Efficiency [lm/W]	Up to 90

Product Features

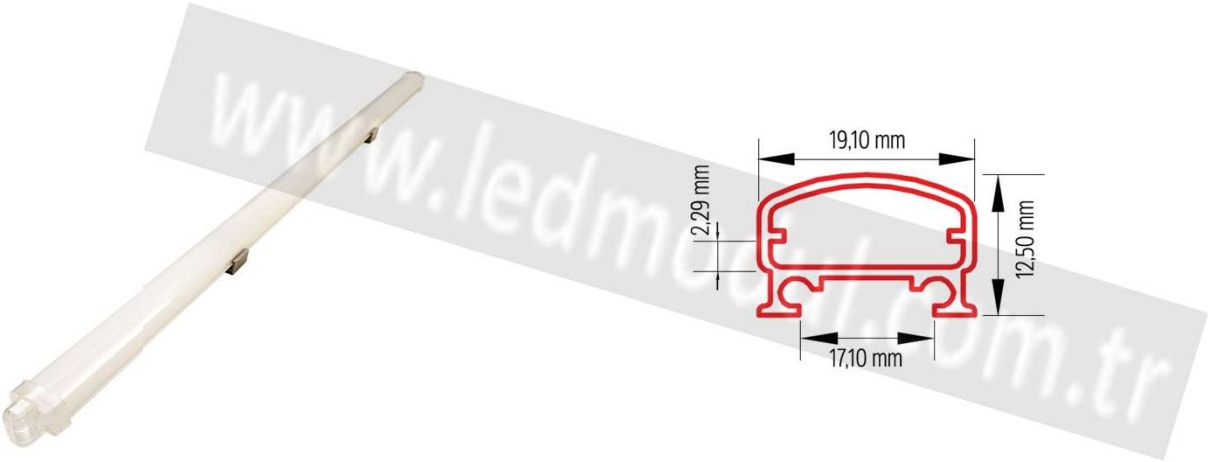
Mounting Location	Indoor
Mounting Type	Independent / S.M.
Light Source	LED
Optic	Polycarbonate Diffuser
Body Material	Aluminum
Body Color	Anodized/Electrostatic Powder Coating
IP Rating	20
Origin	Turkey
Additional Accesories	Surface Mount Bracket
Warranty	Up to 3 Years

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Cut Distance	CRI
LEDBAR-Q	60	24 Vdc	< 0.60 A	< 14 Watt	2700K	1410 lm	101 lm/W	10cm	> 80
					3000K	1470 lm	105 lm/W		
					4000K	1560 lm	112 lm/W		
					6500K	1560 lm	112 lm/W		
	120	24 Vdc	< 0.60 A	< 14 Watt	2700K	1550 lm	111 lm/W	5cm	> 80
					3000K	1620 lm	115 lm/W		
					4000K	1700 lm	122 lm/W		
					6500K	1700 lm	122 lm/W		

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LED Luminaire LEDBAR-T Surface Mounted
Linear Series

LEDBAR-T



Electrical Data

Operating Voltage	24VDC
Driver (Excluded)	Not Included
Led Chip	Osram - Samsung

Performance Data

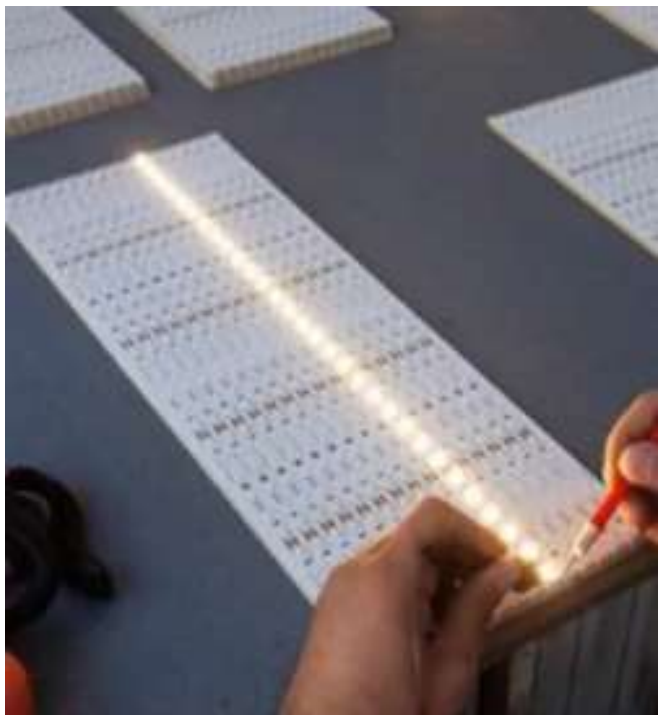
Operating Temperature [Ta]	-5°C to +35°C
Colour rendering index [CRI]	Ra>80 – Ra>90
Rated life [L70]	50 000 h
System Efficiency [lm/W]	Up to 90

Product Features

Mounting Location	Outdoor
Mounting Type	Independent / S.M.
Light Source	LED
Optic	Polycarbonate Diffuser
Body Material	Polycarbonate
Body Color	Frosted/Clear Polycarbonate Cover
IP Rating	65
Origin	Turkey
Additional Accesories	Surface Mounting Bracket
Warranty	3 Years

Product Code	Mt/LED Quantity	VDC	AMP (mt.)	WATT (W/mt.)	Colour Kelvin	Luminous Flux lm/mt.	Productivity	Cut Distance	CRI
LEDBAR-T	60	24 Vdc	< 0.60 A	< 14 Watt	2700K	1410 lm	101 lm/W	10cm	> 80
					3000K	1470 lm	105 lm/W		
					4000K	1560 lm	112 lm/W		
					6500K	1560 lm	112 lm/W		
	120	24 Vdc	< 0.60 A	< 14 Watt	2700K	1550 lm	111 lm/W	5cm	> 80
					3000K	1620 lm	115 lm/W		
					4000K	1700 lm	122 lm/W		
					6500K	1700 lm	122 lm/W		

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