MK173-12H1-36V-25W-145R45-17682











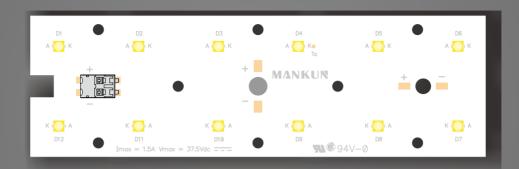












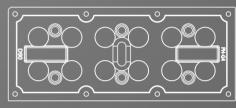












12H IP65 HIGH-BAY LENSES OF DARKOO.

Principais Aplicacoes:

- Luminarias comerciais
- High bay lighting
- Flood and Area lighting
- Urban street lighting
- Road lighting

- Dimensoes: 145 x 45mm(ZHAGA compliant)
- High color rendering(CRI > 70)
- Excellent color consistency of 5 SDCM
- High efficacy of the module up to 173Lm/W@700mA
- Conectores tipo push-pull

Туре	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	temperature	rendering		Max. forward voltage at tp = 25 °C	forward			Efficacy of the module at tp = 25 °C	
	2,068lm	1,991lm	- - - 5,700K	>70	32.4V	37.2V -	350mA	11.4W	carrent	188lm/W	181lm/W
	2,896lm	2,784lm					500mA	16.6W	1500mA	181lm/W	174lm/W
	3,979lm	3,818lm					700mA	23.6W		173lm/W	166lm/W
DK173-17682	5,760lm	5,508lm					1050mA	36.5W		160lm/W	153lm/W
	7,252lm	6,909lm	_				1400mA	49.8W		148lm/W	141lm/W
	7,632lm	7,261lm					1500mA	53.7W		144lm/W	137lm/W

- Other color temperatures under consultation.
- The values of Luminous Flux, Efficiency, Tension and Power are based on technical data provided by MANKUN. Optical losses are not being considered and thermal (luminaire mechanic) or electrical losses (LED Driver). All technical data refer only to the LED module. To get the final result of the lamp, must undergo tests in laboratories accredited by EVERFINE. All values are theoretical, and there may be variations in the end result. Medium tension of the module. This value may vary between +/-15%. This variation should be considered in choosing LED Driver.



MK173-12H1-36V-25W-145R45-17682







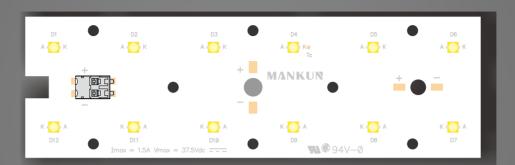












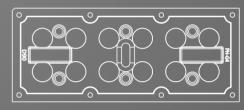








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12H IP65 HIGH-BAY LENSES OF DARKOO.

Principais Aplicacoes:

- Luminarias comerciais
- High bay lighting
- Flood and Area lighting
- Urban street lighting
- Road lighting

- Dimensoes: 145 x 45mm(ZHAGA compliant)
- High color rendering(CRI > 70)
- Excellent color consistency of 5 SDCM
- High efficacy of the module up to 140Lm/W@700mA
- Conectores tipo push-pull

Туре	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	temperature	rendering		Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C		Efficacy of the module at tp = 25 °C	
	1,837Lm	1,760Lm	4,000K	>70	33.6V	38.4V —	350mA	11.9W	1500mA	167Lm/W	160Lm/W
DK173-2X6- 3535-	2,635Lm	2,516Lm					500mA	17.5W		155Lm/W	148Lm/W
AL17682C	3,500Lm	3,325Lm					700mA	25.2W		140Lm/W	133Lm/W
	4,680Lm	4,407Lm					1050mA	39.6W		120Lm/W	113Lm/W

- Other color temperatures under consultation.
- The values of Luminous Flux, Efficiency, Tension and Power are based on technical data provided by MANKUN. Optical losses are not being considered and thermal (luminaire mechanic) or electrical losses (LED Driver). All technical data refer only to the LED module. To get the final result of the lamp, must undergo tests in laboratories accredited by EVERFINE. All values are theoretical, and there may be variations in the end result. Medium tension of the module. This value may vary between +/-15%. This variation should be considered in choosing LED Driver.



MK173-12H-36V-25W-145R45-16165

























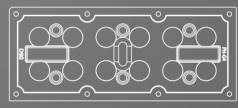








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12H IP65 HIGH-BAY LENSES OF DARKOO.

Principais Aplicacoes:

- Luminarias comerciais
- High bay lighting
- Flood and Area lighting
- Urban street lighting
- Road lighting

- Dimensoes: 145 x 45mm(ZHAGA compliant)
- High color rendering(CRI > 70)
- Excellent color consistency of 5 SDCM
- High efficacy of the module up to 171Lm/W@700mA
- Conectores tipo push-pull

Туре	Typ. luminous flux at	Typ. luminous flux at	Typ. Colour temperature			Max. forward voltage at	Typ. forward	Typ. power consumption	Max. forward	Efficacy of the module	Efficacy of the module
	tp = 25 °C	tp = 65 °C	(CCT)	index CRI	tp = 65 °C	tp = 25 °C	current	at tp = 65 °C	current	at tp = 25 °C	at tp = 65 °C
	2,057Lm	1,980Lm			32.4V	37.2V - -	350	11.4W	- - - 1500 -	187Lm/W	180Lm/W
	2,880Lm	2,768Lm					500	16.6W		180Lm/W	173Lm/W
DK173-	3,933Lm	3,772Lm	F 700K	>70			700	23.6W		171Lm/W	164Lm/W
16165	5,688Lm	5,436Lm	5,700K				1050	36.5W		158Lm/W	151Lm/W
•	7,154Lm	6,811Lm					1400	49.9W		146Lm/W	139Lm/W
	7,526Lm	7,155Lm					1500	53.8W		142Lm/W	135Lm/W

- Other color temperatures under consultation.
- The values of Luminous Flux, Efficiency, Tension and Power are based on technical data provided by CREE. Optical losses are not being considered and thermal (luminaire mechanic) or electrical losses (LED Driver). All technical data refer only to the LED module. To get the final result of the lamp, must undergo tests in laboratories accredited by EVERFINE. All values are theoretical, and there may be variations in the end result.

 Medium tension of the module. This value may vary between +/-15%. This variation should be considered in choosing LED Driver.



MK173-12H-36V-25W-145R45-16165









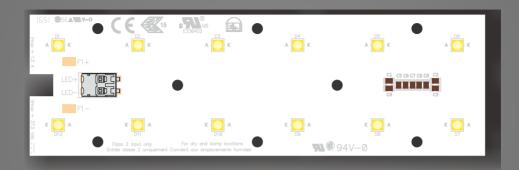












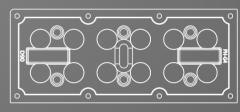








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12H IP65 HIGH-BAY LENSES OF DARKOO.

Principais Aplicacoes:

- Luminarias comerciais
- High bay lighting
- Flood and Area lighting
- Urban street lighting
- Road lighting

- Dimensoes: 145 x 45mm(ZHAGA compliant)
- High color rendering(CRI > 70)
- Excellent color consistency of 5 SDCM
- High efficacy of the module up to 140Lm/W@700mA
- Conectores tipo push-pull

Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	temperature	rendering		Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at tp = 25 °C	
•	1,848Lm	1,771Lm	4,000K	>70	33.6V	38.4V —	350mA	11.9W	1500mA	168Lm/W	161Lm/W
DK173-2X6- 3535-	2,635Lm	2,516Lm					500mA	17.5W		155Lm/W	148Lm/W
AL16165C	3,500Lm	3,325Lm					700mA	25.2W		140Lm/W	133Lm/W
	4,641Lm	4,368Lm					1050mA	39.6W		119Lm/W	112Lm/W

- Other color temperatures under consultation.
- The values of Luminous Flux, Efficiency, Tension and Power are based on technical data provided by CREE. Optical losses are not being considered and thermal (luminaire mechanic) or electrical losses (LED Driver). All technical data refer only to the LED module. To get the final result of the lamp, must undergo tests in laboratories accredited by EVERFINE. All values are theoretical, and there may be variations in the end result.

 Medium tension of the module. This value may vary between +/-15%. This variation should be considered in choosing LED Driver.



MK173-12H-72V-50W-145R45-17800







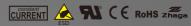


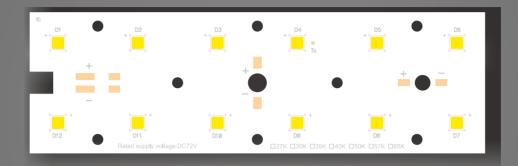












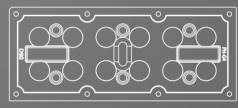












12H IP65 HIGH-BAY LENSES OF DARKOO.

Principais Aplicacoes:

- Luminarias comerciais
- High bay lighting
- Flood and Area lighting
- Urban street lighting
- Road lighting

- Dimensoes: 145 x 45mm(ZHAGA compliant)
- High color rendering(CRI > 80)
- Excellent color consistency of 5 SDCM
- High efficacy of the module up to 147Lm/W@640mA
- Conectores tipo push-pull

Туре	Typ. luminous flux at	Typ. luminous flux at	Typ. Colour temperature			Max. forward voltage at		Typ. power consumption	Max. forward	Efficacy of the module	Efficacy of the module
	tp = 25 °C	tp = 65 °C	(CCT)	index CRI	tp = 65 °C	tp = 25 °C	current	at tp = $65 ^{\circ}$ C	current	at tp = 25 °C	at tp = 65 °C
	2,292lm	2,172lm		>80	66.6V		180mA	12.0W		191lm/W	181lm/W
	4,334lm	4,082lm	- - - 4,000K -			-	360mA	25.2W	1200mA	172lm/W	162lm/W
DV472 47000	6,704lm	6,260lm				72.1V – - -	600mA	44.4W		151lm/W	141lm/W
DK173-17800	7,056lm	6,576lm					640mA	48.0W		147lm/W	137lm/W
	8,507lm	7,894lm					800mA	61.2W		139lm/W	129lm/W
	9,356lm	8,528lm	_				1050mA	82.8W		113lm/W	103lm/W

- Other color temperatures under consultation.
- The values of Luminous Flux, Efficiency, Tension and Power are based on technical data provided by LUXEON. Optical losses are not being considered and thermal (luminaire mechanic) or electrical losses (LED Driver). All technical data refer only to the LED module. To get the final result of the lamp, must undergo tests in laboratories accredited by EVERFINE. All values are theoretical, and there may be variations in the end result. Medium tension of the module. This value may vary between +/-15%. This variation should be considered in choosing LED Driver.



MK173-18H-50W-145R45-18427







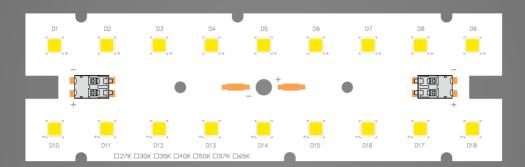












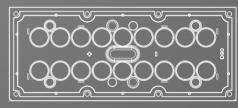








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18H IP65 HIGH-BAY LENSES OF DARKOO.

Principais Aplicacoes:

- Luminarias comerciais
- High bay lighting
- Flood and Area lighting
- Urban street lighting
- Road lighting

- Dimensoes: 145 x 45mm(ZHAGA compliant)
- High color rendering(CRI > 70)
- Excellent color consistency of 5 SDCM
- High efficacy of the module up to 148Lm/W@50W
- Flexible cable supply option

Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	temperature	rendering	voltage at	Max. forward voltage at tp = 25 °C	forward				
4,515lm	4,282lm					750mA	24.9W		181lm/W	172lm/W
5,984lm	5,676lm	4,000K	>70	34.8V	38.4V	1050mA	35.7W	1920mA	168lm/W	159lm/W
7,480lm	7,070lm	_			-	1450mA	50.5W		148lm/W	140lm/W
4,486lm	4,258lm					570mA	25.2W		178lm/W	169lm/W
5,844lm	5,533lm	5,000K	>70	47.0V	53.0V	770mA	34.8W	1800mA	168lm/W	159lm/W
7,402lm	6,959lm	_			_	1100mA	50.8W		146lm/W	137lm/W
	flux at tp = 25 °C 4,515lm 5,984lm 7,480lm 4,486lm 5,844lm	flux at tp = 25 °C tp = 65 °C 4,515lm 4,282lm 5,984lm 5,676lm 7,480lm 7,070lm 4,486lm 4,258lm 5,844lm 5,533lm	flux at tp = 25 °C tp = 65 °C (CCT) 4,515lm 4,282lm 5,984lm 5,676lm 4,000K 7,480lm 7,070lm 4,486lm 4,258lm 5,844lm 5,533lm 5,000K	flux at tp = 25 °C tp = 65 °C (CCT) index CRI 4,515lm 4,282lm 5,984lm 5,676lm 4,000K >70 7,480lm 7,070lm 4,486lm 4,258lm 5,844lm 5,533lm 5,000K >70	flux at tp = 25 °C flux at tp = 65 °C temperature rendering index CRI voltage at tp = 65 °C 4,515lm 4,282lm 4,000K >70 34.8V 7,480lm 7,070lm 4,258lm 5,633lm 5,000K >70 47.0V	flux at tp = 25 °C flux at tp = 65 °C temperature rendering index CRI voltage at tp = 65 °C voltage at tp = 25 °C 4,515lm 4,282lm 4,000K >70 34.8V 38.4V 7,480lm 7,070lm 4,258lm 4,258lm 5,533lm 5,000K >70 47.0V 53.0V	flux at tp = 25 °C flux at tp = 65 °C temperature rendering index CRI voltage at tp = 65 °C voltage at tp = 25 °C forward current tp = 25 °C 4,515lm 4,282lm 750mA 5,984lm 5,676lm 4,000K >70 34.8V 38.4V 1050mA 7,480lm 7,070lm 1450mA 4,486lm 4,258lm 570mA 5,844lm 5,533lm 5,000K >70 47.0V 53.0V 770mA	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	flux at tp = 25 °C flux at tp = 65 °C temperature rendering index CRI voltage at tp = 65 °C voltage at tp = 25 °C forward consumption forward tp = 65 °C current at tp = 65 °C current 4,515lm 4,282lm 750mA 24.9W 5,984lm 5,676lm 4,000K >70 34.8V 38.4V 1050mA 35.7W 1920mA 7,480lm 7,070lm 1450mA 50.5W 4,486lm 4,258lm 570mA 25.2W 5,844lm 5,533lm 5,000K >70 47.0V 53.0V 770mA 34.8W 1800mA	flux at tp = 25 °C flux at tp = 65 °C temperature rendering index CRI voltage at tp = 65 °C voltage at tp = 25 °C forward consumption forward of the module current at tp = 65 °C current at tp = 25 °C flux at tp = 65 °C current at tp = 25 °C current at tp = 65 °C current at tp = 65 °C current at tp = 25 °C dat tp = 25 °C da

- Other color temperatures under consultation.
- The values of Luminous Flux, Efficiency, Tension and Power are based on technical data provided by LUXEON. Optical losses are not being considered and thermal (luminaire mechanic) or electrical losses (LED Driver). All technical data refer only to the LED module. To get the final result of the lamp, must undergo tests in laboratories accredited by EVERFINE. All values are theoretical, and there may be variations in the end result. Medium tension of the module. This value may vary between +/-15%. This variation should be considered in choosing LED Driver.



MK173-24H-48V-50W-145R47-19976







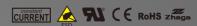


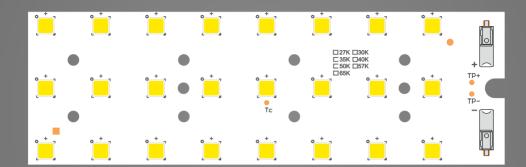




















Principais Aplicacoes:

- Luminarias comerciais
- High bay lighting
- Flood and Area lighting
- Urban street lighting
- Road lighting

- Dimensoes: 145 x 45mm(ZHAGA compliant)
- High color rendering(CRI > 70)
- Excellent color consistency of 5 SDCM
- High efficacy of the module up to 155Lm/W@50W
- Flexible cable supply option

Туре	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)		voltage at	Max. forward voltage at tp = 25 °C	forward			Efficacy of the module at tp = 25 °C	
	4,750m	4,541lm			47.0V	 	600mA	26.1W	1800mA	182lm/W	174lm/W
	6,177lm	5,893lm	4.0001/	>70			800mA	35.5W		174lm/W	166lm/W
	7,470lm	6,975lm	- 4,000K -				1000mA	45.0W		166lm/W	155lm/W
	8,060lm	7,592lm					1150mA	52.0W		155m/W	146lm/W
DK173-19976	4,584m	4,372m				53.0V -	600mA	26.5W		173lm/W	165lm/W
	5,924lm	5,636lm	- - 5,000K -			-	800mA	35.9W		165lm/W	157lm/W
	7,143lm	6,779lm				_	1000mA	45.5W		157lm/W	149lm/W
	7,867lm	7,445lm					1150mA	52.8W		149lm/W	141lm/W

- Other color temperatures under consultation.
- The values of Luminous Flux, Efficiency, Tension and Power are based on technical data provided by LUXEON. Optical losses are not being considered and thermal (luminaire mechanic) or electrical losses (LED Driver). All technical data refer only to the LED module. To get the final result of the lamp, must undergo tests in laboratories accredited by EVERFINE. All values are theoretical, and there may be variations in the end result. Medium tension of the module. This value may vary between +/-15%. This variation should be considered in choosing LED Driver.

