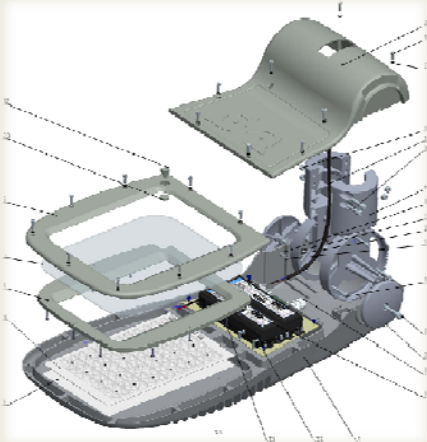




**Konstrukcija LED svetilke za  
cestno razsvetljavo**

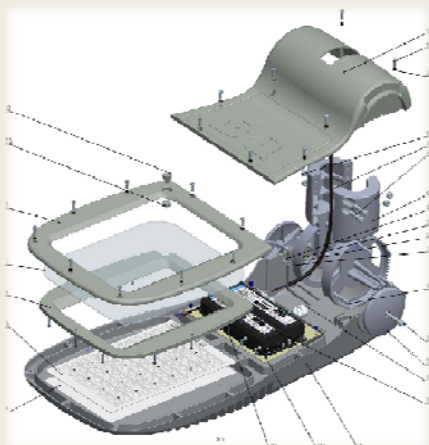
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**Glavni sestavni deli**



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## Glavni sestavni deli



LED ČIP

OPTIKA

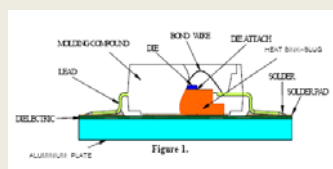
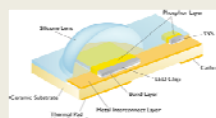
TISKANO VEZJE

NAPAJALNIK

OHIŠJE

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## LED čip:


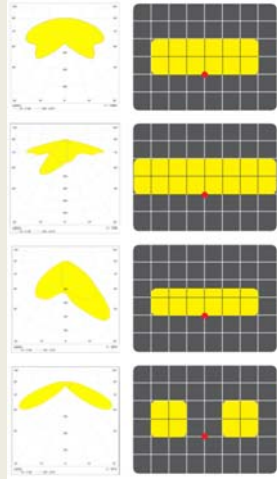


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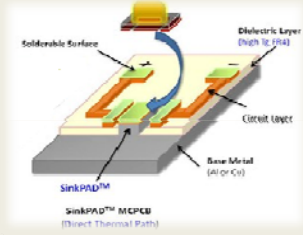
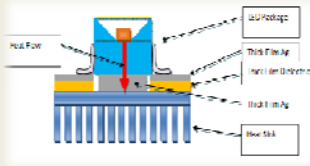



### Optika:

-  **Distribucija svetlobe**
-  **Prepustnost svetlobe**
-  **Vremenska obstojnost**



### Tiskano vezje:



## Tiskano vezje:



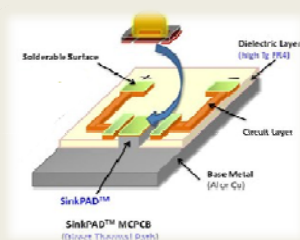
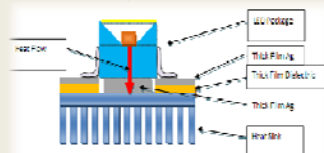
Visoka toplotna  
prevodnost



Visoka električna  
izolacija

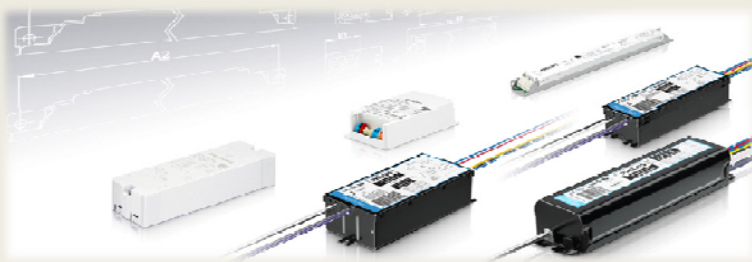


Termo prevodni  
sloj



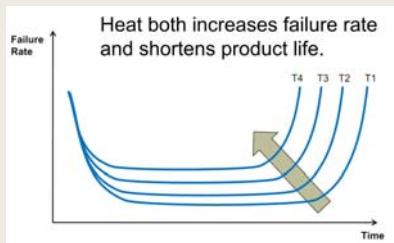
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## Napajalnik:



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### Napajalnik:



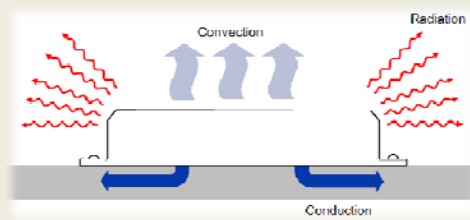
Izkoristek



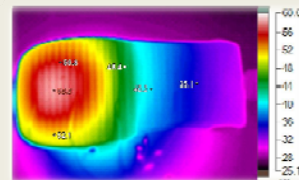
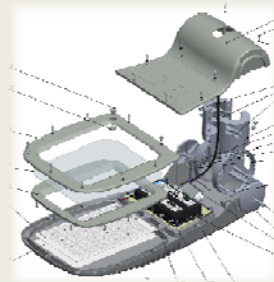
Dodatne funkcije









Življenjska doba

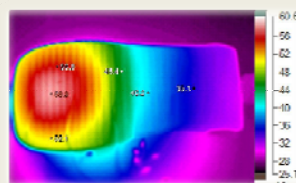
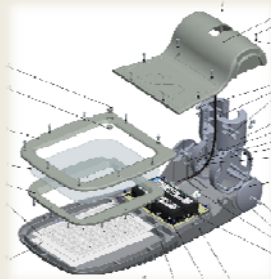


### Ohišje:







## Ohišje:

-  Ekstrudirano ali tlačno brizgano ohišje
-  Pomembna oblika (IP zaščita in odvod toplote)
-  Nagib rotorja
-  Brez notranje kondenzacije
-  Modularno sestavljena
-  Penasto tesnilo



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## Zanesljivost:

-  Pospešeno staranje
-  UV staranje
-  IP test
-  Stresni testi

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### Če povzamem:



Hiter razvoj



Kratek čas testiranja



Modularna zgradba



Dolga življenjska doba je odvisna od temperature

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### Če povzamem:



Hiter razvoj



Kratek čas testiranja



Modularna zgradba



Dolga življenjska doba odvisna od temperature



**Življenjska doba je močbo odvosna od temperature**

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**Ni pomembno samo kaj delamo, ampak kako to naredimo!**



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**Vprašanja**



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