





ENAK CCT RAZLIČEN CRI

**DELEŽ MODREGA SPEKTRA LED IZVOROV SVETLOBE**

Ankaran, 3.10.2019  
Blaž Bratovič, EIQR-JKS Bled

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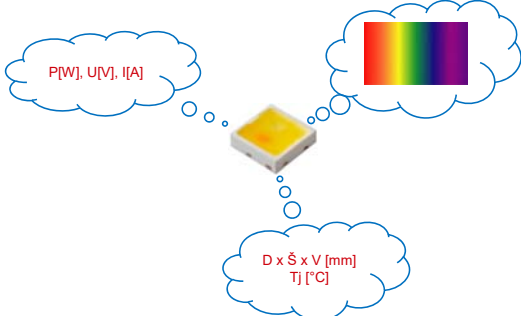
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**Lastnosti LED izvorov**



$P[W]$ ,  $U[V]$ ,  $I[A]$

$D \times \dot{S} \times V [mm]$   
 $T_J [^{\circ}C]$



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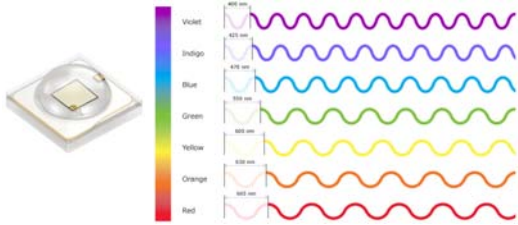
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**Lastnosti LED izvorov**



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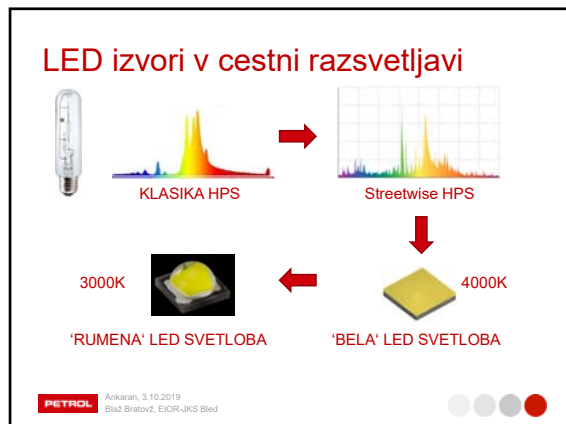
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### LED izvori v cestni razsvetljavi

- Migracija iz dnevno bele v tople belo svetlobo brez določanja minimalnega faktorja CRI
- Samo 3000K ne prepreči znižanja deleža izsevane modre svetlobe v prostor
- Zniževanje kvalitete ulične razsvetljave (zaznavanje okolice, izkoristek, hormonski motilci,...)

Vsa zunanja razsvetljava...

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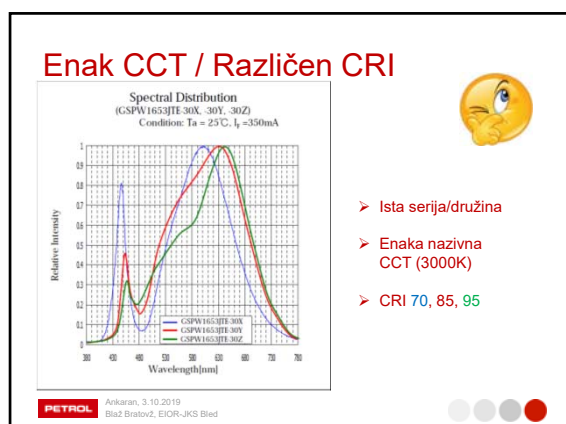
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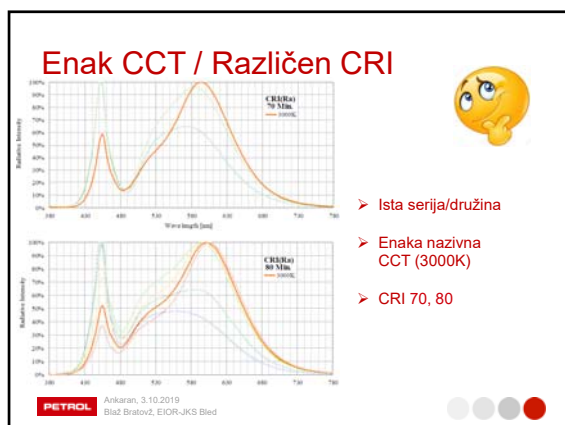
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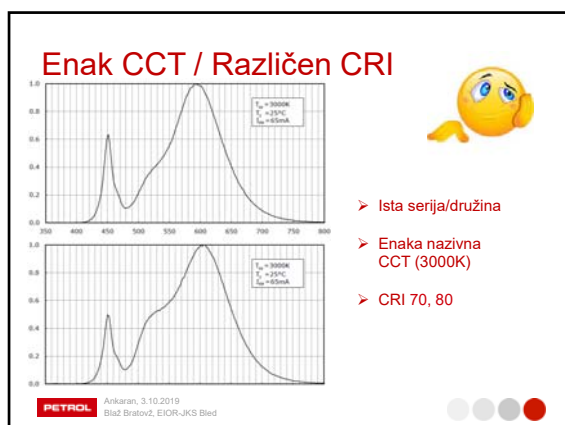
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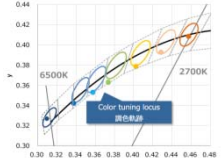
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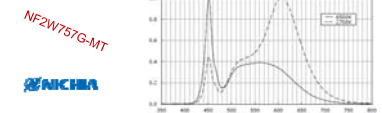
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### Prilagodljiv CCT / CRI



| CCT [K] | Eff [lm/W] |
|---------|------------|
| 6500    | 170.8      |
| 5000    | 176.3      |
| 4500    | 177.9      |
| 4000    | 180.6      |
| 3500    | 177.3      |
| 3000    | 172.2      |
| 2700    | 165.3      |

**NF2W757G-MT**

**✓** Eno ohišje LED  
**✓** Ni optičnih barier  
**✓** Enostavna optika  
**✓** 6500K~2700K  
**✓** 165lm/W min.  
**✓** Visok CRI

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### VREDNOTE ↔ POSLANSTVO



- ✓ KVALITETA
- ✓ EFEKTIVNOST
- ✓ ZANESLJIVOST
- ✓ POVEZLJIVOST
- ✓ SKRB ZA OKOLJE



**PETROL**  
 Energija za življenje



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