



CRNA GORA
OPŠTINA PLAV

DIREKCIJA ZA INVESTICIJE I IMOVINSKO PRAVNE POSLOVE

Datum: 21.02.2025.godine

Broj: 359 – 82

SEKRETARIJAT ZA PRIVREDU, RAZVOJ I FINANSIJE
-n/r Savjetniku, Alenu Hakanjinu-

Predmet:

Poštovani,

U prilogu Vam dostavljam pojašnjenje na osnovu zahtjeva DOO Za proizvodnju, promet i usluge export-import "XENERGY" iz Podgorice za zamjenu postojeće rasvjete led svetiljkama.

Srdačan pozdrav.

VD DIREKTOR

Fazlija KRČIĆ

F. Krčić



Postojeće ulice su sledećih profila:

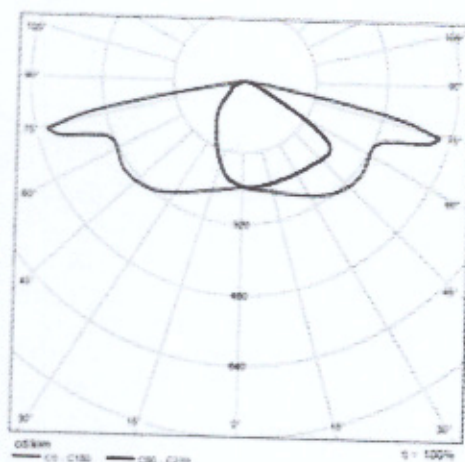
PROFIL 1 – Korita (postojeće svjetiljke Na 70W) 34kom • širina saobraćajnice 5,5m • stubovi JEDNOSTRANO • raspon 35m • visina stuba H=7,5m • osa stuba 0m • montaža svjetiljke NA VRH STUBA • klasa saobraćajnice M4 • koeficijent održavanja 0.85 • referentna svjetiljka IP 36L35 740 ES BP 3550 CL2 M60 ANT (1x LED 38W).

Product data sheet

Thorn Lighting - IP 36L35 740 ES BP 3550 CL2 M60 ANT



P	38.0 W
Φ_{Lamp}	6186 lm
$\Phi_{Luminaire}$	6186 lm
η	100.00 %
Luminous efficacy	162.8 lm/W
CCT	4000 K
CRI	70



Polar LDC

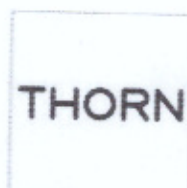
A state of the art LED road lighting lantern (small) with 36 LEDs driven at 350mA with Extensive Street optic. Programmable LED driver. Class II electrical, IP66, IK09. Housing: die-cast aluminium (EN AC-44300), powder coated textured anthracite (close to RAL7043). Spigot: die-cast aluminium (EN AC-44300), painted anthracite (close to RAL7043). Enclosure: 5mm thick glass. Fixings: spring steel. Supplied with Ø60mm spigot adaptor which can be fitted for post-top (0°/5°/10°/15°/20° tilt) or side-entry (-15°/-10°/-5°/0°/5°/10°/15° tilt). BPxyz: Autonomous bi-power reduction (x: hours before midnight, y: hours after midnight, z: reduction (%)). Complete with 4000K LED. Surge protection: 10kV single pulse common mode and 8kV multipulse common mode and 6kV multipulse differential mode. If permanent DALI system is connected, 6kV multipulse common and differential mode.

Dimensions: 571 x 224 x 114 mm
Luminaire input power: 38 W
Luminaire luminous flux: 6187 lm
Luminaire efficacy: 163 lm/W
Weight: 5.32 kg
Scx: 0.054 m²

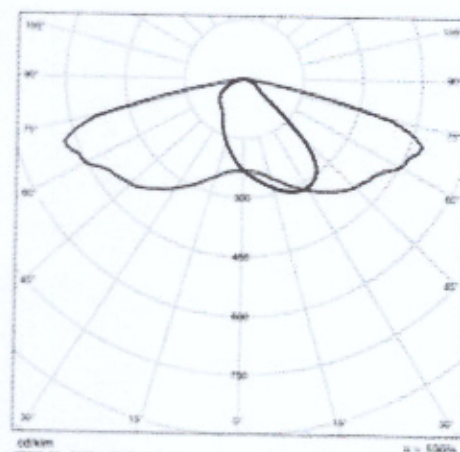
PROFIL 8 – Jezerska 2 (postojeće svjetiljke Hg 150W) 11kom • širina saobraćajnice 3,5m • stubovi JEDNOSTRANO • raspon 40m • visina H=8m • osa stuba 0m • montaža svjetiljke NA VRH STUBA • klasa saobraćajnice M5 • koeficijent održavanja 0.85 • referentna svjetiljka IP 36L50 740 ENR BP 3550 CL2 M60 ANT (1x LED 54W).

Product data sheet

Thorn Lighting - IP 36L50 740 ENR BP 3550 CL2 M60 ANT



P	54.0 W
Φ _{Lamp}	8716 lm
Φ _{Luminaire}	8716 lm
η	100.00 %
Luminous efficacy	161.4 lm/W
CCT	4000 K
CRI	70



Polar LDC

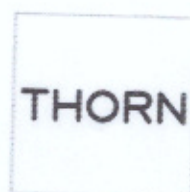
A state of the art LED road lighting lantern (small) with 36 LEDs driven at 500mA with Extra Narrow Road optic. Programmable LED driver. Class II electrical, IP66, IK09. Housing: die-cast aluminium (EN AC-44300), powder coated textured anthracite (close to RAL7043). Spigot: die-cast aluminium (EN AC-44300), painted anthracite (close to RAL7043). Enclosure: 5mm thick glass. Fixings: spring steel. Supplied with Ø60mm spigot adaptor which can be fitted for post-top (0°/5°/10°/15°/20° tilt) or side-entry (-15°/-10°/-5°/0°/5°/10°/15° tilt). BPxyz: Autonomous bi-power reduction (x: hours before midnight, y: hours after midnight, z: reduction (%)). Complete with 4000K LED. Surge protection: 10kV single pulse common mode and 8kV multipulse common mode and 6kV multipulse differential mode. If permanent DALI system is connected, 6kV multipulse common and differential mode.

Dimensions: 571 x 224 x 114 mm
 Luminaire input power: 53.7 W
 Luminaire luminous flux: 8716 lm
 Luminaire efficacy: 162 lm/W
 Weight: 5.32 kg
 Sx: 0.054 m²

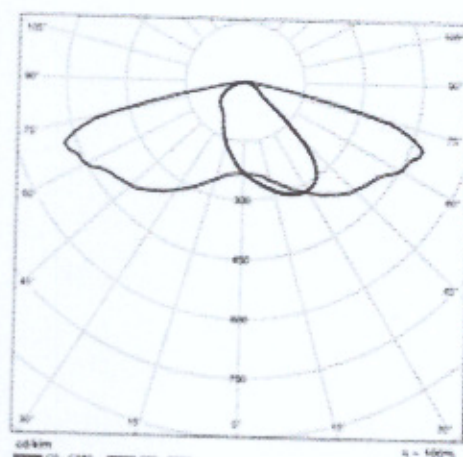
PROFIL 9 – Rudopoljska (postojeće svjetiljke Hg 150W) 16kom • širina saobraćajnice 6m • stubovi JEDNOSTRANO • raspon 40m • visina H=7,5m • osa stuba 0m • montaža svjetiljke NA VRH STUBA • klasa saobraćajnice M5 • koeficijent održavanja 0.85 • referentna svjetiljka IP 36L50 740 ENR BP 3550 CL2 M60 ANT (1x LED 54W).

Product data sheet

Thorn Lighting - IP 36L50 740 ENR BP 3550 CL2 M60 ANT



P	54.0 W
Φ_{Lamp}	8716 lm
$\Phi_{Luminare}$	8716 lm
η	100.00 %
Luminous efficacy	161.4 lm/W
CCT	4000 K
CRI	70



Polar LDC

A state of the art LED road lighting lantern (small) with 36 LEDs driven at 500mA with Extra Narrow Road optic. Programmable LED driver. Class II electrical, IP66, IK09. Housing: die-cast aluminium (EN AC-44300), powder coated textured anthracite (close to RAL 7043). Spigot: die-cast aluminium (EN AC-44300), painted anthracite (close to RAL 7043). Enclosure: 5mm thick glass. Fixings: spring steel. Supplied with Ø60mm spigot adaptor which can be fitted for post-top (0°/5°/10°/15°/20° tilt) or side-entry (-15°/-10°/-5°/0°/5°/10°/15° tilt). BIPxyz: Autonomous bi-power reduction (x: hours before midnight, y: hours after midnight, z: reduction (%)). Complete with 4000K LED. Surge protection: 10kV single pulse common mode and 8kV multipulse common mode and 6kV multipulse differential mode. If permanent DALI system is connected, 6kV multipulse common and differential mode.

Dimensions: 571 x 224 x 114 mm
Luminaire input power: 53.7 W
Luminaire luminous flux: 8716 lm
Luminaire efficacy: 162 lm/W
Weight: 5.32 kg
Scx: 0.054 m²

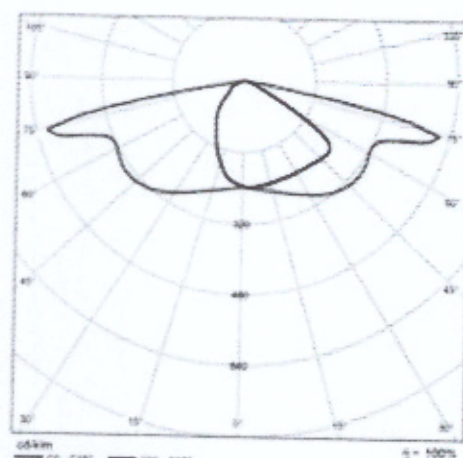
PROFIL 10 – Žioce-Limski most (postojeće svjetiljke Hg 250W) 6kom • širina saobraćajnice 6m • stubovi DVOSTRANO • raspon 20m • visina H=4m • osa stuba -1,5m • montaža svjetiljke NA VRH STUBA • klasa saobraćajnice M5 • koeficijent održavanja 0.85 • referentna svjetiljka - IP 36L35 740 ES BP 3550 CL2 M60 ANT (1x LED 38W).

Product data sheet

Thorn Lighting - IP 36L35 740 ES BP 3550 CL2 M60 ANT



P	38.0 W
Φ_{Lamp}	6186 lm
$\Phi_{Luminaire}$	6186 lm
η	100.00 %
Luminous efficacy	162.8 lm/W
CCT	4000 K
CRI	70



Polar LDC

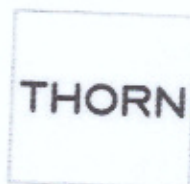
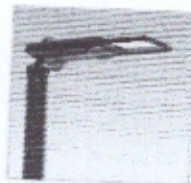
A state of the art LED road lighting lantern (small) with 36 LEDs driven at 350mA with Extensive Street optic. Programmable LED driver. Class II electrical, IP66, IK09. Housing: die-cast aluminium (EN AC-44300), powder coated textured anthracite (close to RAL7043). Spigot: die-cast aluminium (EN AC-44300), painted anthracite (close to RAL7043). Enclosure: 5mm thick glass. Fixings: spring steel. Supplied with Ø60mm spigot adaptor which can be fitted for post-top (0°/5°/10°/15°/20° tilt) or side-entry (-15°/-10°/-5°/0°/5°/10°/15° tilt). Bixyz: Autonomous bi-power reduction (x: hours before midnight, y: hours after midnight, z: reduction (%)). Complete with 4000K LED. Surge protection: 10kV single pulse common mode and 8kV multipulse common mode and 6kV multipulse differential mode. If permanent DALI system is connected, 6kV multipulse common and differential mode.

Dimensions: 571 x 224 x 114 mm
 Luminaire input power: 38 W
 Luminaire luminous flux: 6187 lm
 Luminaire efficacy: 163 lm/W
 Weight: 5.32 kg
 Scx: 0.054 m²

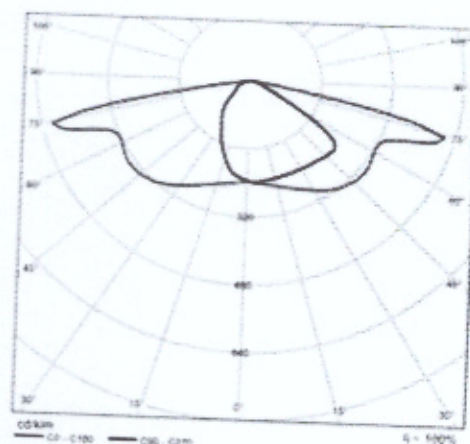
PROFIL 20 – Beškovića (postojeće svjetiljke Hg 250W) 11kom • širina saobraćajnice 3,5m • stubovi JEDNOSTRANO • raspon 40m • visina H=7,5m • osa stuba 0m • montaža svjetiljke NA VRH STUBA • klasa saobraćajnice M5 • koeficijent održavanja 0.85 • referentna svjetiljka - IP 36L35 740 ES BP 3550 CL2 M60 ANT (1x LED 38W).

Product data sheet

Thorn Lighting - IP 36L35 740 ES BP 3550 CL2 M60 ANT



P	38.0 W
Φ _{Lamp}	6186 lm
Φ _{Luminaire}	6186 lm
η	100.00 %
Luminous efficacy	162.8 lm/W
CCT	4000 K
CRI	70



Polar LDC

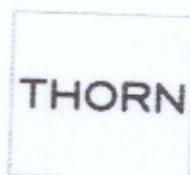
A state of the art LED road lighting lantern (small) with 36 LEDs driven at 350mA with Extensive Street optic. Programmable LED driver. Class II electrical, IP66, IK09. Housing: die-cast aluminium (EN AC-44300), powder coated textured anthracite (close to RAL 7043). Spigot: die-cast aluminium (EN AC-44300), painted anthracite (close to RAL 7043). Enclosure: 5mm thick glass. Fixings: spring steel. Supplied with Ø60mm spigot adaptor which can be fitted for post-top (0°/5°/10°/15°/20° tilt) or side-entry (-15°/-10°/-5°/0°/5°/10°/15° tilt). BPxyz: Autonomous bi-power reduction (x: hours before midnight, y: hours after midnight, z: reduction (%)). Complete with 4000K LED. Surge protection: 10kV single pulse common mode and 8kV multipulse common mode and 6kV multipulse differential mode. If permanent DALI system is connected, 6kV multipulse common and differential mode.

Dimensions: 571 x 224 x 114 mm
Luminaire input power: 38 W
Luminaire luminous flux: 6187 lm
Luminaire efficacy: 163 lm/W
Weight: 5.32 kg
Scx: 0.054 m²

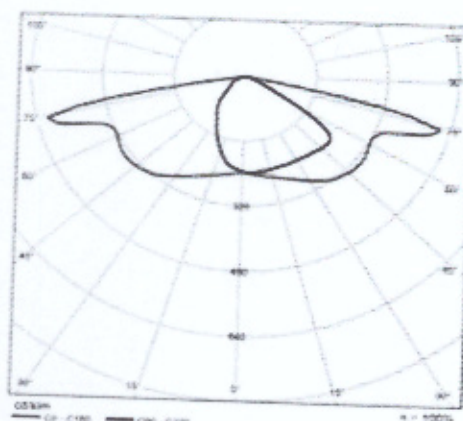
PROFIL 22 – Kofiljačka (postojeće svjetiljke Hg 250W) 5kom • širina saobraćajnice 3m • stubovi JEDNOSTRANO • raspon 40m • visina H=7,5m • osa stuba 0m • montaža svjetiljke NA VRH STUBA • klasa saobraćajnice M5 • koeficijent održavanja 0.85 • referentna svjetiljka - IP 36L35 740 ES BP 3550 CL2 M60 ANT (1x LED 38W).

Product data sheet

Thorn Lighting - IP 36L35 740 ES BP 3550 CL2 M60 ANT



P	38.0 W
Φ _{Lamp}	6186 lm
Φ _{Luminaire}	6186 lm
η	100.00 %
Luminous efficacy	162.8 lm/W
CCT	4000 K
CRI	70



Polar LDC

A state of the art LED road lighting lantern (small) with 36 LEDs driven at 350mA with Extensive Street optic. Programmable LED driver. Class II electrical, IP66, IK09. Housing: die-cast aluminium (EN AC-44300), powder coated textured anthracite (close to RAL 7043). Spigot: die-cast aluminium (EN AC-44300), painted anthracite (close to RAL 7043). Enclosure: 5mm thick glass. Fixings: spring steel. Supplied with Ø60mm spigot adaptor which can be fitted for post-top (0°/5°/10°/15°/20° tilt) or side-entry (-15°/-10°/-5°/0°/5°/10°/15° tilt). BPyzz: Autonomous bi-power reduction (x: hours before midnight, y: hours after midnight, zz: reduction (%)). Complete with 4000K LED. Surge protection: 10kV single pulse common mode and 8kV multipulse common mode and 6kV multipulse differential mode. If permanent DALI system is connected, 6kV multipulse common and differential mode.

Dimensions: 571 x 224 x 114 mm
Luminaire input power: 38 W
Luminaire luminous flux: 6187 lm
Luminaire efficacy: 163 lm/W
Weight: 5.32 kg
Scx: 0.054 m²

Obradio

Demir Redžić

Mast.ing.arch

VD DIREKTOR

Fazlija Kroić