

LED park test luminaires

(luminaire importer, luminaire manufacturer, model, energy consumption (total), luminous power, colour rendering index and colour temperature)

1. Purilas park area

- (a) 2 pcs Elektroskandia, Thorn, Bowl Twin pole, 41W, 3000lm, CRI>80, 4000K
- (b) 3 pcs Alppilux, Thorn, Avenue F LED pole, 42W, 2840lm, CRI>70, 4100K

2. Purilas 10 estate

- (c) 2 pcs iGuzzini, UFO pole, 60W, 4070lm, CRI>80, 4000K
- (d) 3 pcs iGuzzini Linealuce compact linear luminaire for facade, 56W, 4500lm, CRI>80, 4100K

3. Purilas parking area

- (e) 2 pcs Lumilab, LedRo pole, 36W, 2450lm CRI>70, 4100K

4. Sorvaamo park area

- (f) 2 pcs Fagerhult, Azur pole, 24W, 1051lm, CRI>80, 3000K

5. Sorvaamo 10 estate

- (g) 3 pcs Fagerhult, Azur bollard, 21W, 1189lm, CRI>80, 3500K
- (h) 1 pcs Fagerhult, Azur wall luminaire, 12W, 740lm, CRI>80, 3000K

6. Sorvaamo park area

- (i) 3 pcs Hedtec, Bega, 9556 pole, 58W, 5520lm, CRI>80, 4000K

7. Viillukuja inner yard

- (k) 1 pcs Philips, UrbanScene BDP704 pole, 95W, 4000lm, CRI>70, 4000K
- (l) 1 pcs Philips, Streetsaver BPP007 pole, 56W, 2382lm, CRI>70, 4000K
- (m) 1 pcs Philips, Parkview LED BPS965 pole, 44W, 3000lm, CRI>80, 3000K
- (n) 1 pcs Philips, Cityspirit Modern BDS462 pole, 30W, 1400lm, CRI>80, 3000K

8. Vaneritori parkin area

- (o) 3 pcs Philips, Mini Iridium LED pole, 29W, 2900lm, CRI>70, 4000K
- (p) 2 pcs Elektroskandia, SBP, Kyro pole, 49W, 3371lm, CRI>60, 4200K

9. Vaneritori inner yard

- (q) 1 pcs Elektroskandia, Riegens, RaY pole, 41W, 3000lm, CRI>80, 3000K
- (r) 1 pcs Hedtec, Bega 7142 pole, 47W, 4300lm, CRI>60, 5000K
- (s) 1 kpcs Hedtec, Bega 8260 pole, 33W, 3000lm, CRI>60, 5000K

10. Vaneritori parking area

- (t) 4 pcs Alppilux, AMLED4500A ceiling, 60W, 4500lm, CRI>70, 4000K

11. Varppaaja parking area

- (u) 12 pcs Innolumis, Nicole Moonlight pole, 29W, 1363lm, CRI-, equals to 3200K

12. Lutakko parking hall

- (v) 4 pcs Greenlux, GLG1278-2-NW ceiling, 48W, 5040lm, CRI>80, 4000K

13. Kiramo parking area

- (x) 4 pcs iGuzzini, Crown pole, 56W, 3500lm, CRI>70, 4000K

ENERGY SAVING POTENTIAL IN THE LUTAKKO AREA

The parking and park areas of Lutakko are illuminated using 125-watt mercury vapour lamps. As a general rule we may say that employing LED lighting energy consumption can be at least halved with some increase in the amount of light produced.

The useful life of a LED light is approximately 50 000 hours or roughly 13.5 years (working on 3700 hours of darkness per year), and requires no change of lamp, only cleaning from time to time. Some manufacturers claim an operating life of 80 000 hours or 20 years. The useful life of a mercury vapour lamp is approximately 20 000 hours (5 years). As it ages it does not fail completely but gradually becomes dimmer, which may result in maintenance being neglected. The cost of acquisition is two or possibly three times that of a traditional lighting fixture. The payback time is difficult to calculate as relatively new technology is involved here. For further information please visit the project's website.

Permanent City of Light installations

- (A) Messutori square
- (B) Innova 2 office building
- (C) Sokos Hotel Paviljonki
- (D) Uno Savolan katu street
- (E) P-Paviljonki 2 parking hall
- (F) Rantaraitti pedestrian path along Lake Jyväsjärvi
- (G) Harbour Pavilion
- (H) Kuokkala bridge
- (I) Swinger, Seppo Uuranmäki
- (J) Horisontti high-rise
- (K) Shimmer, Kari Alonen
- (L) Lutakko Park
- (M) Blomstedt Building

