



NORTHCONE

| DECLARATION OF PERFORMANCE NC-ECO EX100 E0 GC | | | | | |
|---|---------------------------------------|---------------------|------------------|--------------------|--------------|
| Titel | | | | | |
| Art nr | A-01-01233 | Document Nr. | F-01-01302 | Approved by | John Löwbäck |
| Description | Resilient pole 10 m with GC arm 0,5 m | Revision | 001 | Date | 2019-01-01 |
| E-no | E77 713 66 | Author | Anders Blomqvist | | |

1. Crash-proof lighting pole 10 meters with GC arm 0,5 m:

A-01-01233 NC-ECO EX100 E0 GC

2. The lighting poles are intended to be placed at motorways and county roads, other roads, circulation (and parking spaces)
3. Manufacturer:

Northcone AB org nr 556795-3905

Rågåkersgatan 5

S-781 74 Borlänge

4. System for assessment and continuous control of performance according to
0402-CPR-SC1043-14

5. The assessment document according to
EAD 13-12-0003-01.06

6. Technical assessment according to
ETA-13/0692

7. Assessment bodies have identification numbers and names
0402 RISE Sveriges Tekniska forskningsinstitut

8. Product performance:

| | | |
|-----------------------------------|----------|-----------|
| Terrain class: | II | EN 40-3-1 |
| Reference wind: | 26 m/s | EN 40-3-1 |
| Lastfaktor klass: | A | EN 40-3-3 |
| Deflection class: | 2 | EN 40-3-3 |
| Height pole including arm: | 10 m | EN 40-2 |
| Length arm: | 0 m | EN 40-2 |
| GC arm: | 0,5 m | EN 40-2 |
| Arm diameter: | 60 mm | EN 40-2 |
| Diameter pole mark: | 187 mm | EN 40-2 |
| Diameter pole base: | 194 mm | EN 40-2 |
| Weight luminaire: | 12 kg | EN 40-3-3 |
| Vindarea luminaire: | 0,16 kvm | EN 40-3-3 |



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| | | | |
|---------------------------------|---|---|--|
| Incoming material post: | High-strength steel 2 mm Reinforcement hatch Reinforcement base tube | | |
| Ingredient material arm: | Tube 76 x 2,9 mm | | |
| Strength and deflection: | By calculation By testing | EN 40-3-3 EN 40-3-2 | |
| Corrosion protection: | High-strength steel coated with Magnelis® Reinforcement hot-dip galvanized Pipes hot-dip galvanized | EN 10346 SS-EN 1461 SS-EN 1461 | |
| | Assessment according to requirements EN 40-5 bilaga A Testing Testing and evaluation | LCA and sustainability Certificate * Productgaranti 20 year* | |
| Passive safety class: | 70NE2 | EN 12767 | |

*) Documents produced by Northcone which, among other things, show results from tests that form the basis for assessment in accordance with the requirements of EN 40-5 Appendix A. LCA and sustainability certificate (F-01-01295) and Product Warranty 20 years (F-01-01296).

The performance of the above product is consistent with the specified performance. This declaration of performance has been issued in accordance with Regulation (EU) No 305/2011 at the sole responsibility of the manufacturer specified above.

Signed on behalf of the manufacturer is:


John Löwbäck
VD Northcone AB