



NORTHCONE

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| Titel | DECLARATION OF PERFORMANCE NC-ECO S120 D0,5 | | | | |
| Art nr | A-01-01276 | Document Nr. | F-01-01353 | Approved by | John Löwbäck |
| Description | Crash safe pole 12 m with 0,5 m double arm | Revision | 001 | Date | 2019-01-01 |
| E-no | 77 714 65 | Author | Anders Blomqvist | | |

1. Crash-proof lighting pole 12 meters with 0,5 m double arm:

A-01-01276 NC-ECO S120 D05

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: | 24 m/s | EN 40-3-1 |
| Lastfaktor klass: | B | EN 40-3-3 |
| Deflection class: | 2 | EN 40-3-3 |
| Height pole including arm: | 12 m | EN 40-2 |
| Length arm: | 0,5 m | EN 40-2 |
| Top diameter: | 60 mm | EN 40-2 |
| Diameter pole mark: | 212 mm | EN 40-2 |
| Diameter pole base: | 220 mm | EN 40-2 |
| Weight luminaire: | 2x9 kg | EN 40-3-3 |
| Vindarea luminaire: | 2x0,16 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