





city

Housing

Circular Fibre glass optical housing. Closed by a toughened glass and durable silicone rubber gaskets. Well designed housing of resistant to heat sensitive integral electrical components.

Relamping without using any tool. Toolless maintenance through the safety hinged canopy and easily removed gear tray.

Post-top entry mounting.

Toughened flat clear glass can be hanged out & in and high heat resistance in City luminaires.

Optical

Multi faceted innovative Optimized Reflector® each is calculated separately with a complex mathematical procedure.

Optimized Reflector for NAV-T 250W / 400W fulfilling the highest new European Standard EN 13201, Class ME1.

Class ME1: Its appliance is only in roads with the following criteria:

Speed > 60km/h with high traffic, many crossings and conflict zones (crossings with other traffic flows, pedestrians, bicycles).

On most high traffic roads the classes ME3a to ME3c will satisfy the EN 13201.

Roads with medium traffic require class ME4a, ME4b, and ME5.

Optimized Reflector developed with Bartenbach. The theoretical Light-Distribution is strictly calculated, which fulfils ME1 with many different geometries (width of read, height and distance of light poles).

Also lower classes have been fulfilled efficiently, e.g. with larger distances of the light poles and less power.

Calculation of the shape of the reflector is complicated which is divided into several facets, each is calculated separately with a complex mathematical procedure.

Full cut-off optical system anodized and polished, 99.90% aluminium.

Optical system with tempered flat glass complies with the Light Pollution requirements.

Ideal for car parks, large roundabouts, market places and junctions.

Optimal performance with a glare-free, uniform lighting distribution.

Electrical

Ballast is a magnetic HPF and incorporated control gear, ignitor and capacitor integrated.

IP.65 for lamp and control gear.

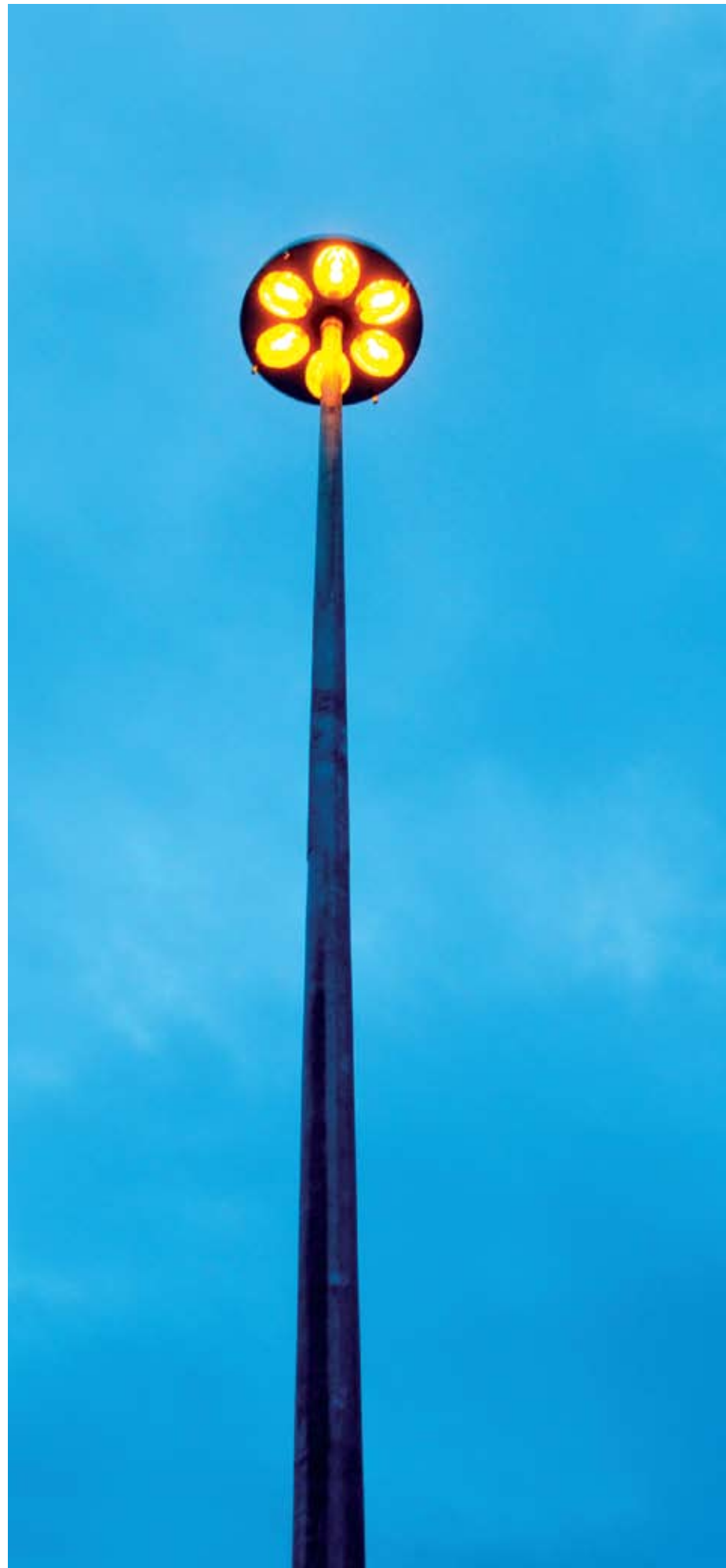
Electrical Insulation: CLASS I and Class II.

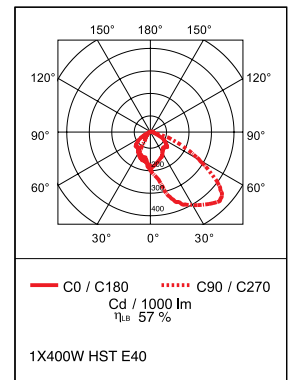
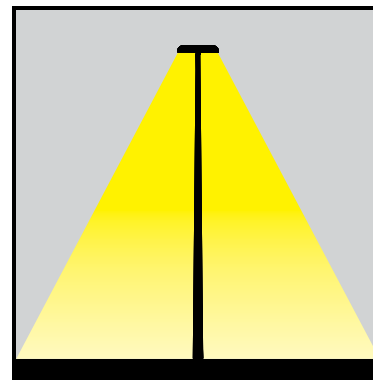
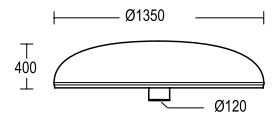
The system complies with European standards EN13201&EN60598 and ENEC marked.

Finishing

Light fitting is powder coated. Heper + Moonlight powder coating system engineered to provide the superior quality finish for all weather conditions.

Black, grey and dark grey colours standard. RAL colours upon request.






Luminaire


Code	Lamp Source
1631	6 X 250 W HST E40
1632	6 X 400 W HST E40



Terminal Box

Code	Material
51	

Anchorage Unit

Code	Material
320	

Poles

Code	Material	Height
21317	GALVANIZED STEEL POLYGONAL POLE WITH FLANGE PLATE	15000



