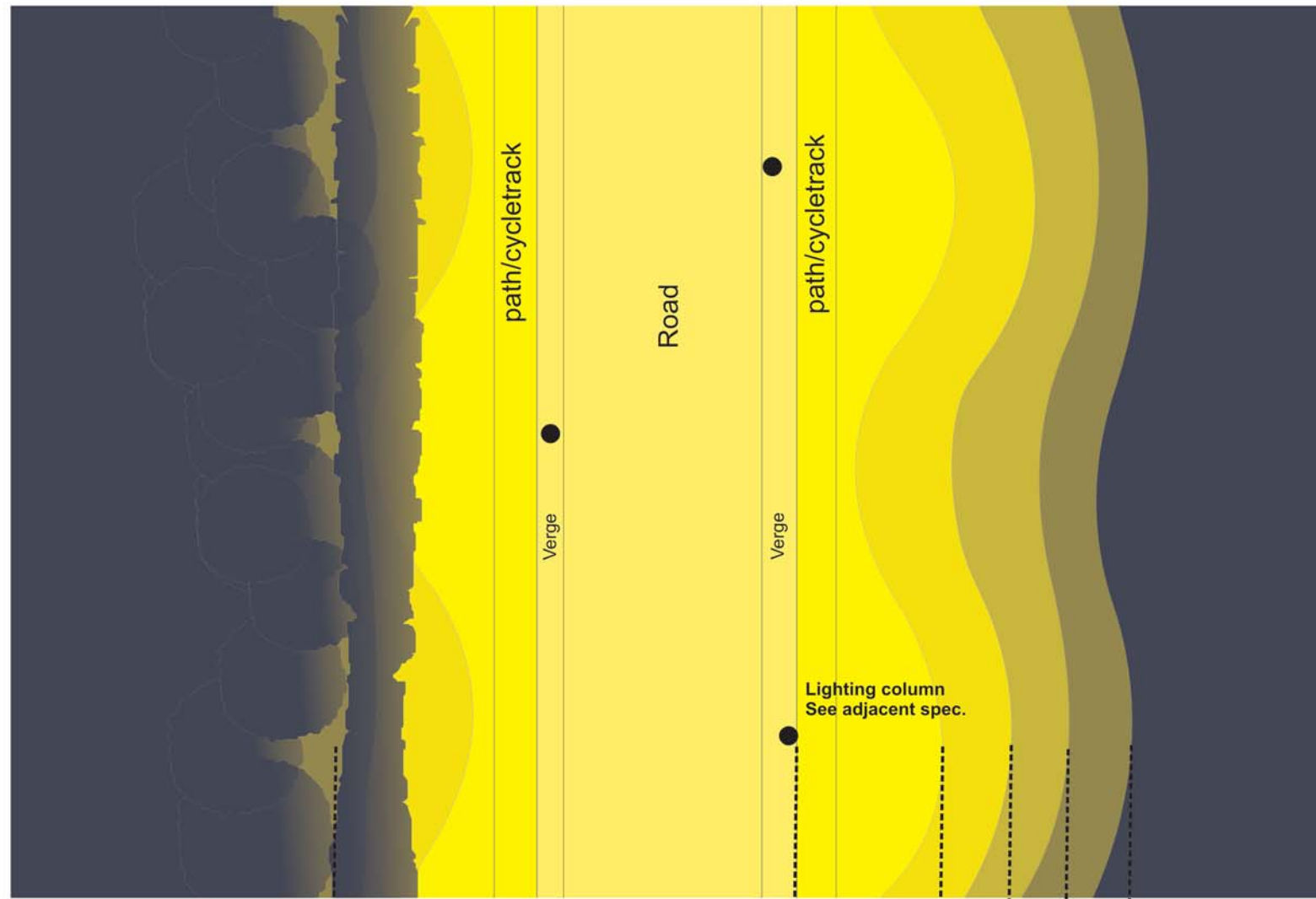
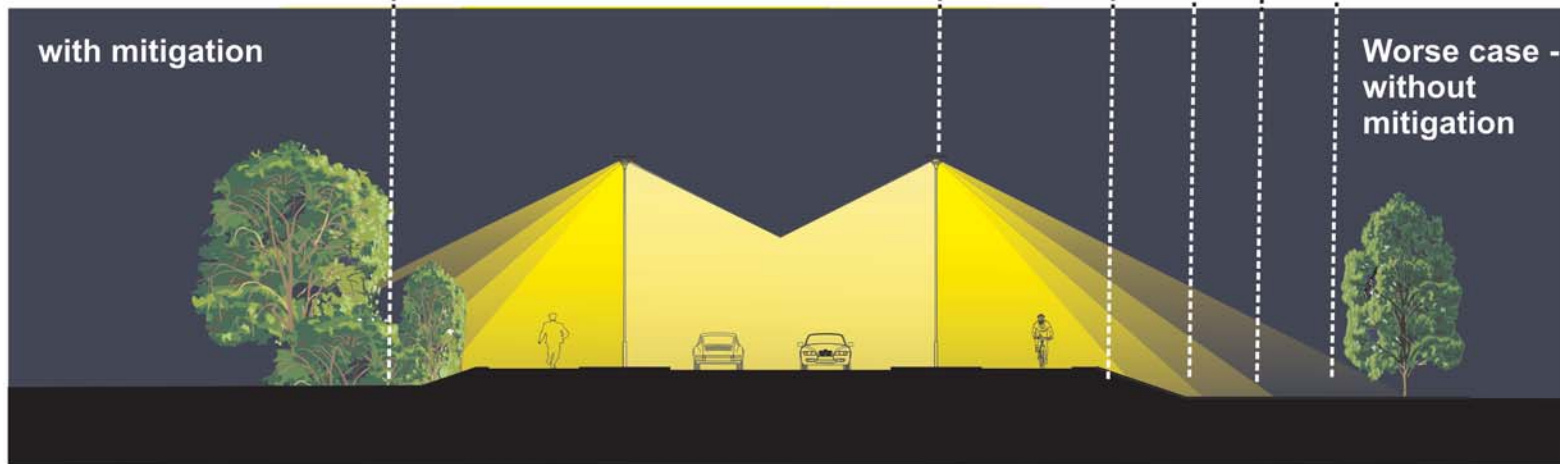




# Plan Detail



## Section Detail



Project description:  
KIPP 70W HIT ON 7M COLUMNS STAGGERED AT 21M SPACINGS

WITH MAINTENANCE FACTOR OF 0.7  
ACHIEVING S2 CLASS WHICH IS  
3LUX MIN  
10LUX AVERAGE  
15LUX MAX  
UNIFORMITY 0.25

THE LIGHT LEVELS DROP BELOW 1LUX AT APPROXIMATELY 18M AWAY FROM THE ROAD

### 1 Luminaire data

#### 1.1 Targetti Poulsen, LOUIS POULSEN - Kipp grey conical (LP\_1179)

##### 1.1.1 Data sheet

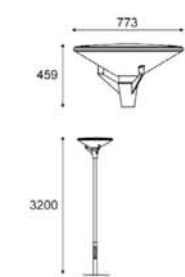
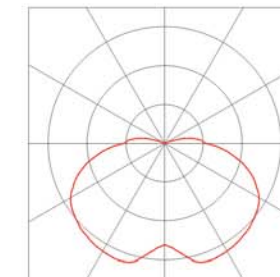
Manufacturer: Targetti Poulsen

TARGETTI

LP\_1179 LOUIS POULSEN - Kipp grey conical  
for 1 x tubular metal halide lamp 70 W

**Luminaire data**  
Luminaires efficiency : 70.5% (A21)  
                                  ↓ 90.5% ↑ 9.5%  
CIE Flux Codes : 31 60 84 90 71  
Control gear :  
System power : 70 W  
Diameter : 773 mm  
Height : 460 mm

**Equipped with**  
Number of : 1  
Designation : MT  
Power : 70 W  
Colour : 3000  
Luminous flux : 6600 lm



TARGETTI  
POULSEN

### Common Outdoor Light Levels

Common light levels outdoor at day and night can be found in the table below

| Condition      | Illumination (ftcd) | Illumination (lux) |
|----------------|---------------------|--------------------|
| Sunlight       | 10,000              | 107,527            |
| Full daylight  | 1,000               | 10,752             |
| Overcast Day   | 100                 | 1,075              |
| Very Dark Day  | 10                  | 107                |
| Twilight       | 1.0                 | 10.8               |
| Deep Twilight  | 0.1                 | 1.08               |
| Full Moon      | 0.01                | 0.108              |
| Quarter Moon   | 0.001               | 0.0108             |
| Starlight      | 0.0001              | .0011              |
| Overcast Night | 0.0001              | 0.0001             |

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Scale @ A3: 1:250

Fig 25

A48 Link Road Lighting Illuminance Levels