

**DATE:** 18 únor 2019  
**DESIGNER:**  
**PROJECT No:** hlavní komunikace M3 - stožáry distribuční sítě  
**PROJECT NAME:** Juřinka



## Valašské Meziříčí

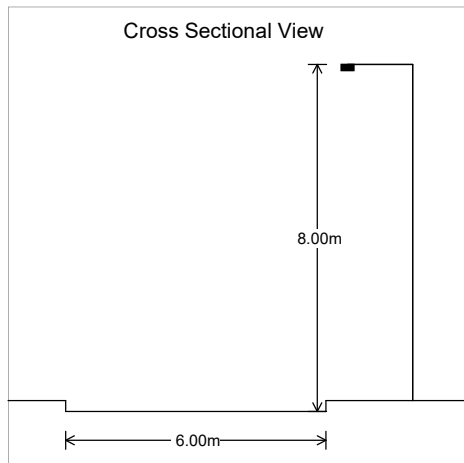
svítidlo ADEL E 2B2.80-4070-ME  
nastavení T31100QPNA

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## Roadway Report Summary

### Layout



### Road Data

|                  |                   |
|------------------|-------------------|
| Calculation Grid | EN13201 Luminance |
| Width (m)        | 6.00              |
| No. of Lanes     | 2                 |
| Road Surface     | R3                |
| Q0               | 0.07              |
| Lane Width (m)   | 3.00              |
| Rei Width (m)    | 3.00              |

### Main Lighting

#### Column Data

|               |                    |
|---------------|--------------------|
| Configuration | Single Sided Right |
| Spacing (m)   | 40.00              |
| Height (m)    | 8.00               |
| Tilt (deg)    | 0.00               |
| Setback (m)   | 2.00               |
| Outreach (m)  | 1.50               |
| Overhang (m)  | -0.50              |

#### Luminaire Data

|                      |   |
|----------------------|---|
| Supplier             | PECHMAN                                   |
| Type                 | ADEL E XXX.80-4070-ME                     |
| Lamp(s)              | measured luminous flux of whole luminaire |
| LampFlux(klm)/Colour | 11.00 4062/70                             |
| File Name            | ADEL E XXX.80-4070-ME_T31100QPNA.L<br>DT  |
| Maintenance Factor   | 0.80                                      |
| Lum. Int. Class      | None                                      |

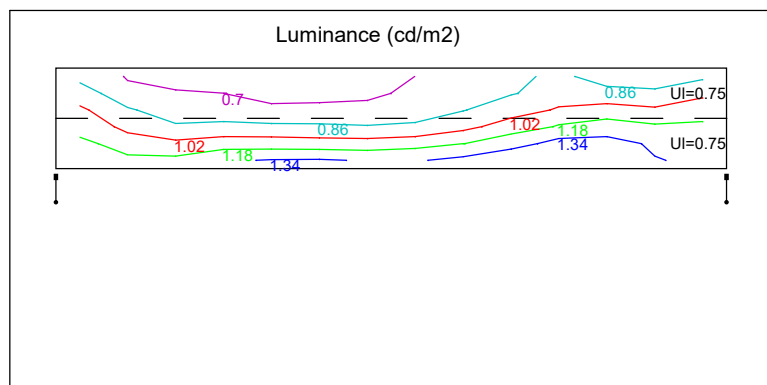
### Results

#### Main

Complies with M3

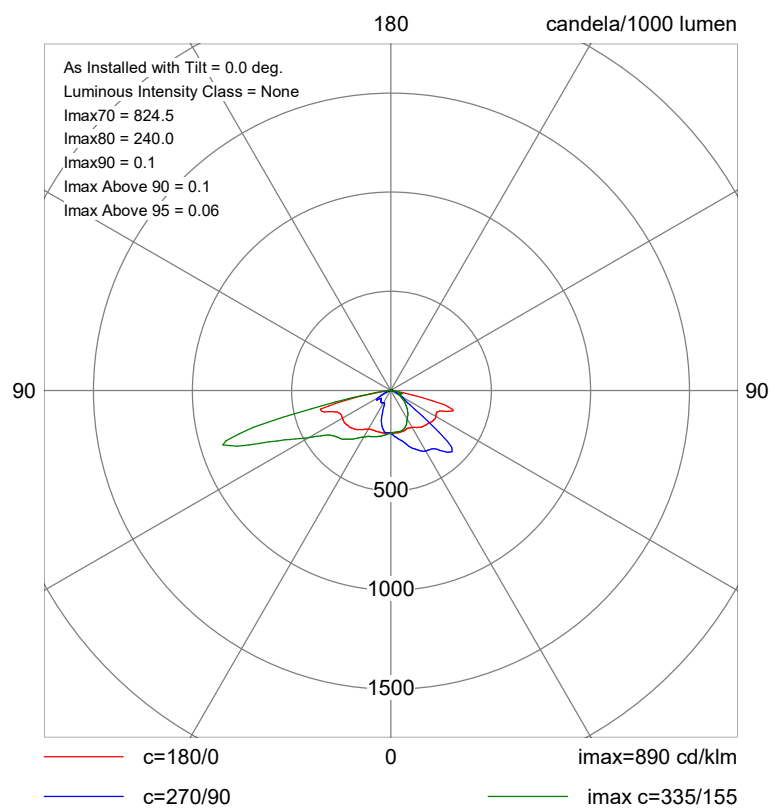
|        |           |
|--------|-----------|
| Lavmin | 1.00 (1)  |
| Lmin   | 0.62 (1)  |
| Lmax   | 1.59 (2)  |
| U0min  | 0.62 (1)  |
| Ulmin  | 0.75 (2)  |
| TI(%)  | 14.99 (1) |
| Rei    | 0.76      |

Number in brackets is the Observer Lane for Result shown.



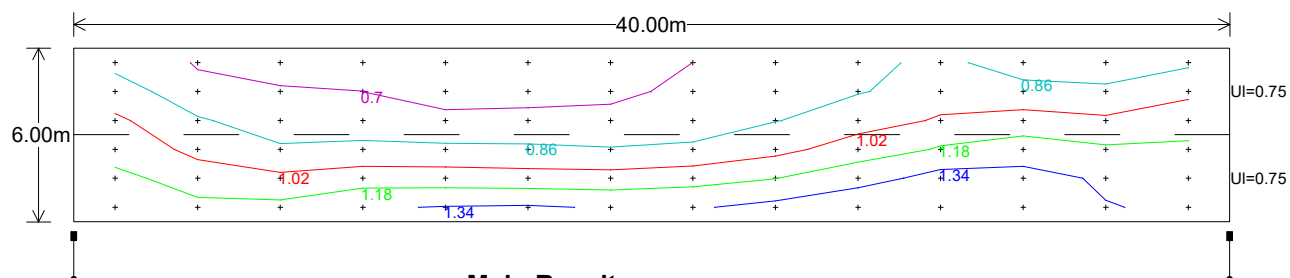
## Polar Diagram

### Main Luminaire ADEL E XXX.80-4070-ME



**Luminance (cd/m2)**

Observer in Lane 1



## Main Results

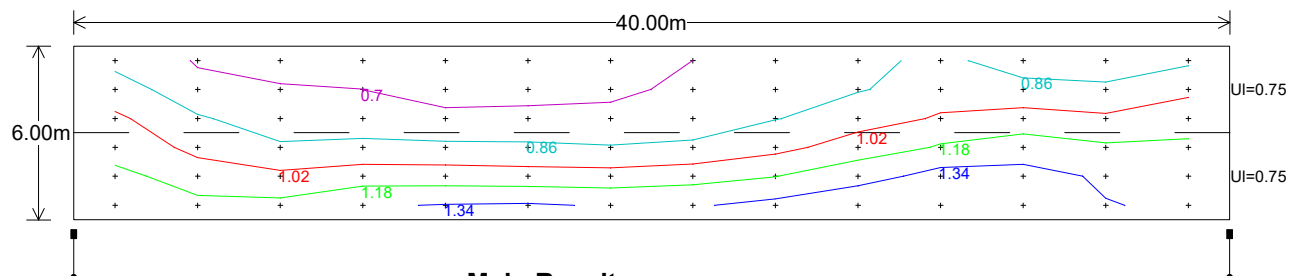
### Observers in all Lanes

| Observers in air lanes |           |
|------------------------|-----------|
| Lavmin                 | 1.00 (1)  |
| Lmin                   | 0.62 (1)  |
| Lmax                   | 1.59 (2)  |
| U0min                  | 0.62 (1)  |
| U1min                  | 0.75 (2)  |
| Tlmax(%)               | 14.99 (1) |
| Rei                    | 0.76      |

Number in brackets is the Observer Lane for Result shown.

## Luminance (cd/m<sup>2</sup>)

Observer in Lane 1



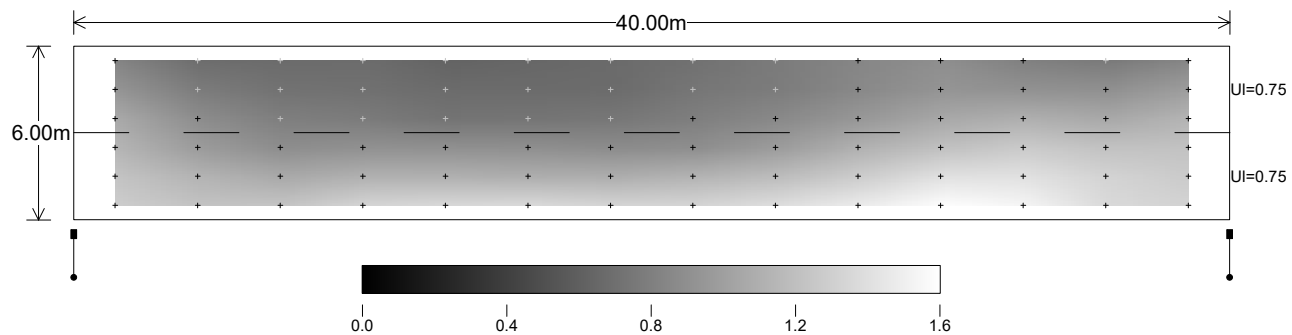
### Main Results

Observer in Lane 1

|       |       |
|-------|-------|
| Lav   | 1.00  |
| Lmin  | 0.62  |
| Lmax  | 1.58  |
| U0    | 0.62  |
| UI    | 0.75  |
| TI(%) | 14.99 |

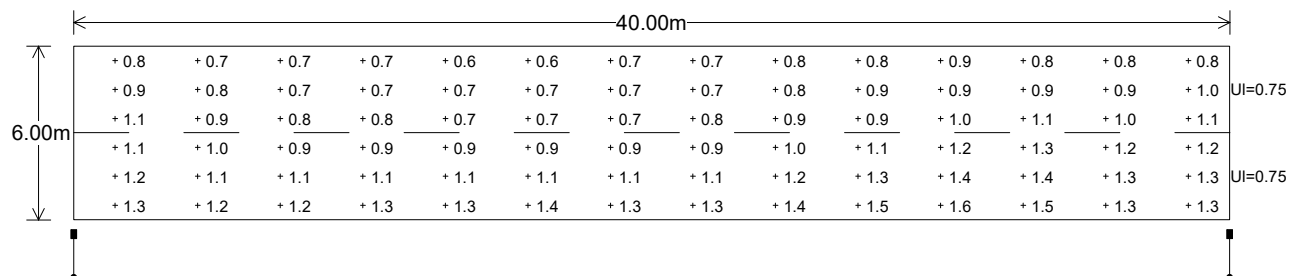
## Luminance (cd/m<sup>2</sup>)

Observer in Lane 1



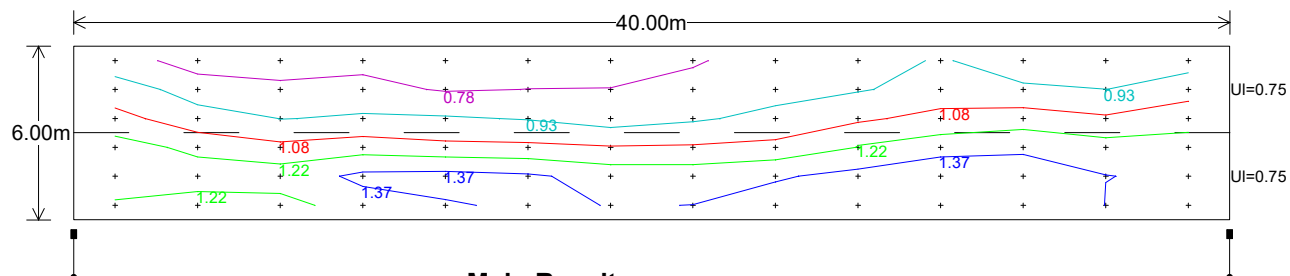
## Luminance (cd/m<sup>2</sup>)

Observer in Lane 1



## Luminance (cd/m<sup>2</sup>)

Observer in Lane 2



### Main Results

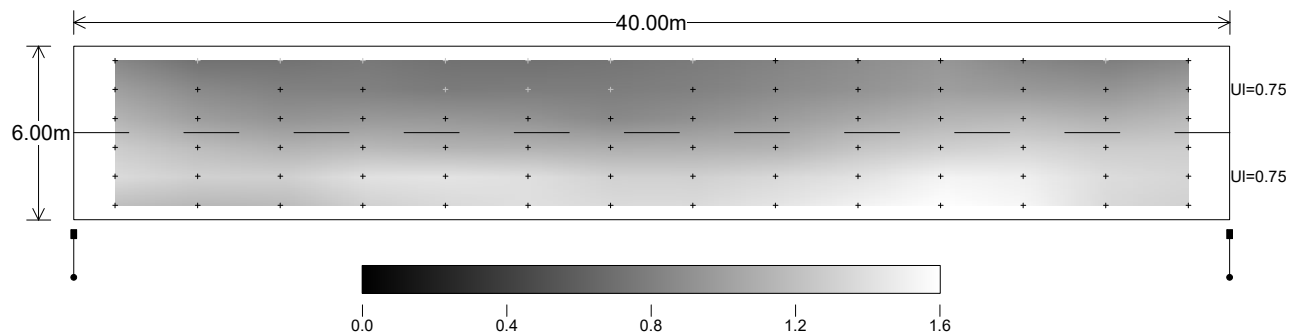
Observer in Lane 2

|       |       |
|-------|-------|
| Lav   | 1.10  |
| Lmin  | 0.71  |
| Lmax  | 1.59  |
| U0    | 0.64  |
| UI    | 0.75  |
| TI(%) | 14.54 |



## Luminance (cd/m<sup>2</sup>)

Observer in Lane 2



## Luminance (cd/m<sup>2</sup>)

Observer in Lane 2

