

**DATE:** 18 únor 2019  
**DESIGNER:**  
**PROJECT No:** vedlejší komunikace M5 - přechody na M3  
**PROJECT NAME:** Bynina



## Valašské Meziříčí

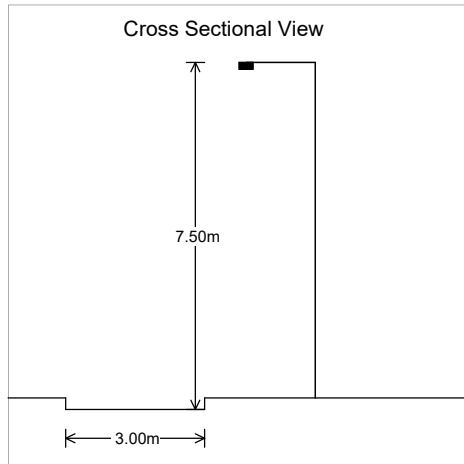
svítidlo BARA E 2B2.40-4070-T2  
nastavení T3170QPNA

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## Roadway Report Summary

### Layout



### Road Data

Calculation Grid	EN13201 Luminance
Width (m)	3.00
No. of Lanes	1
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)	38.00
Height (m)	7.50
Tilt (deg)	0.00
Setback (m)	2.40
Outreach (m)	1.50
Overhang (m)	-0.90

#### Luminaire Data

Supplier	PECHMAN
Type	BARA E XXX.40-4070-T2
Lamp(s)	Measured luminous flux of luminaire/lamp
LampFlux(klm)/Colour	3.41 4072/70
File Name	BARA E XXX.40-4070-T2_R3180LWE.Idt
Maintenance Factor	0.80
Lum. Int. Class	G3

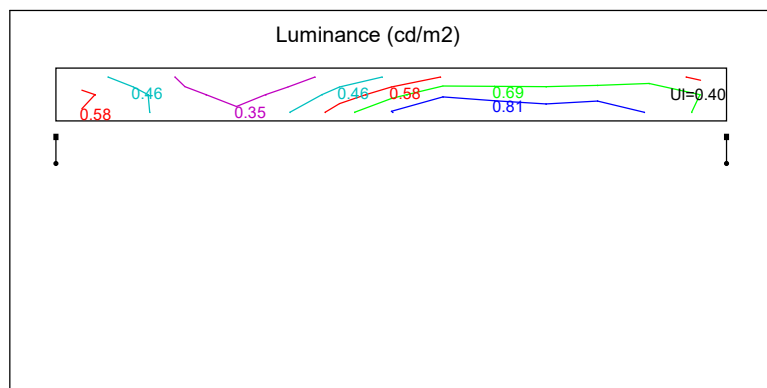
### Results

#### Main

Complies with M5

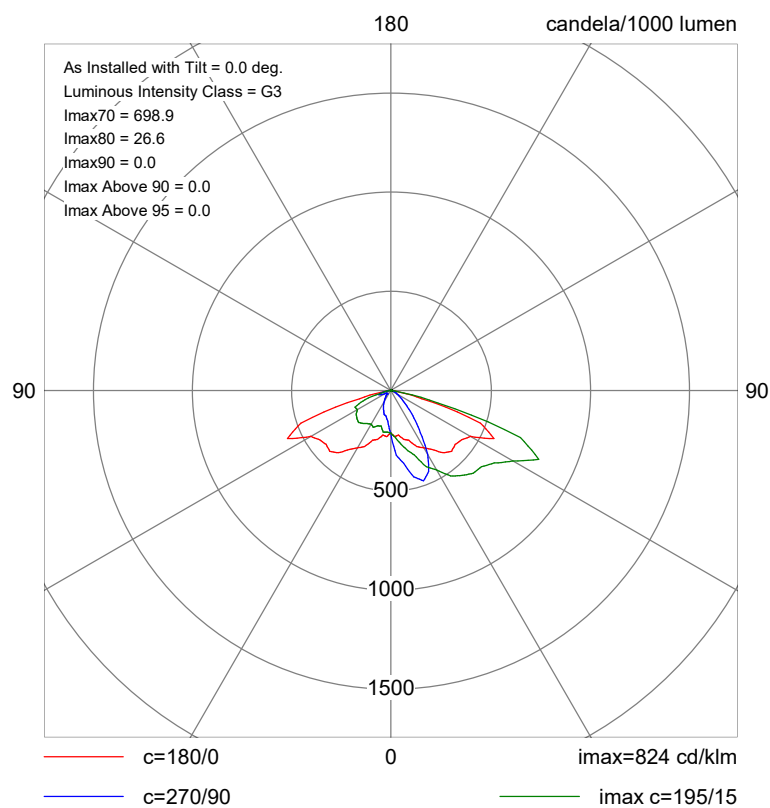
Lavmin	0.59 (1)
Lmin	0.29 (1)
Lmax	0.98 (1)
U0min	0.49 (1)
Ulmin	0.40 (1)
TI(%)	11.10 (1)
Rei	0.51

Number in brackets is the Observer Lane for Result shown.



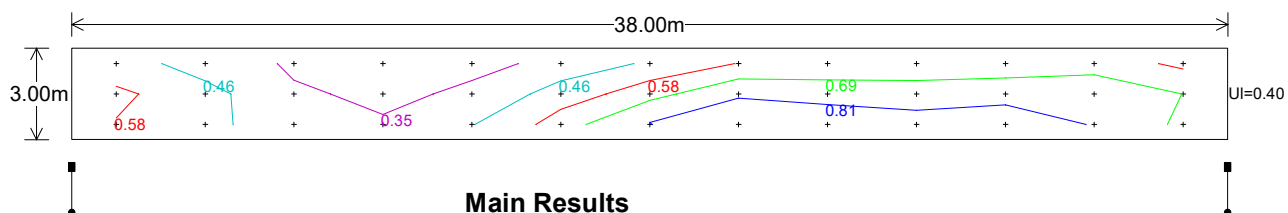
## Polar Diagram

### Main Luminaire BARA E XXX.40-4070-T2



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

Observer in Lane 1



### Main Results

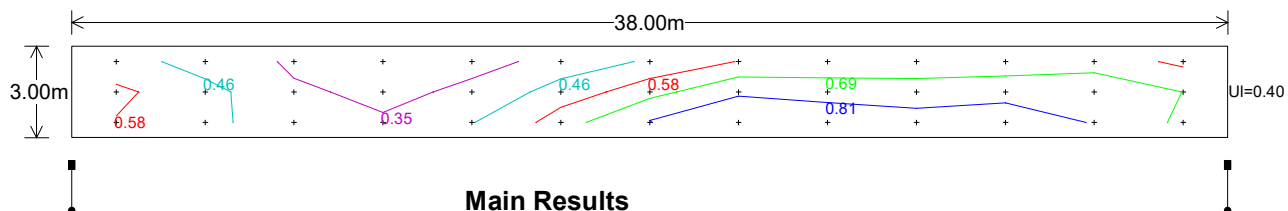
Observers in all Lanes

Lavmin	0.59 (1)
Lmin	0.29 (1)
Lmax	0.98 (1)
U0min	0.49 (1)
UImin	0.40 (1)
Tlmax(%)	11.10 (1)
Rei	0.51

Number in brackets is the  
Observer Lane for Result shown.

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

Observer in Lane 1



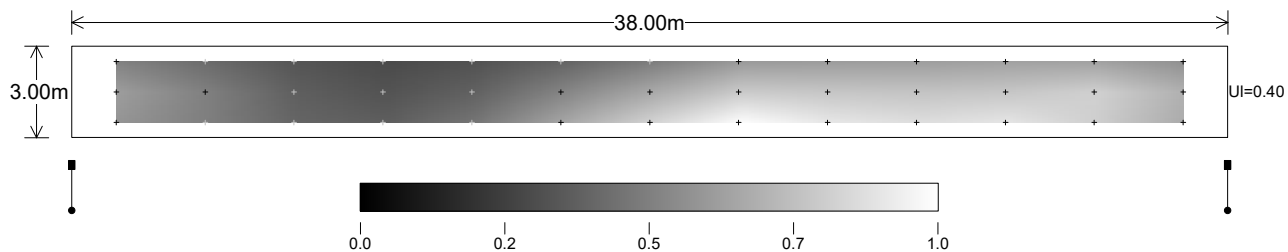
### Main Results

Observer in Lane 1

Lav	0.59
Lmin	0.29
Lmax	0.98
U0	0.49
UI	0.40
TI(%)	11.10

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

Observer in Lane 1



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

Observer in Lane 1

