



COMUNE DI TERNI

Dir. Lavori Pubblici

Uff. Energy & Fleet Manager



Lavori di riqualificazione energetica e tecnologica del Lotto n. 2 degli impianti di illuminazione pubblica nell'ambito del piano "Agenda Urbana Terni 2014-2020 - POR FESR az. 6.2.1"
CUP: F47H16001160002 - CIG: 7903445124

PROGETTO ESECUTIVO

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Oggetto:

CALCOLI ILLUMINOTECNICI

Scala:	Data di emissione: 23 Marzo 2020	Nome file: W_PI.CI_00	Tav: PI.CI
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DESCRIZIONE MODIFICA	PROG.	VERIF.	APPROV.	REV. N°	DATA

TERNI - Viabilità secondo stralcio

Installation : Illuminazione pubblica

Project number : PR19-806-LDB-A1

Customer : Studio Todo - Studio Perillo

Processed by : Arch. Alessio Borgheresi - AEC Illuminazione

Date : 19.12.2019

The following values are based on precise calculations performed on calibrated lamps and luminaires, and their configurations, whereby gradual, unavoidable deviations can occur in practice. All guarantee claims are excluded for the specified data.

This exclusion of liability applies irrespective of the legal grounds for both damages and consequential damages suffered by users and third parties.

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1 Luminaire data

1.1 AEC ILLUMINAZIONE SRL, ITALO 1 0F2H1 STU-M 4.... (ITALO 1 0F2H1 S...)

1.1.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ITALO 1 0F2H1 STU-M 4.7-4M

ITALO 1 0F2H1 STU-M 4.7-4M

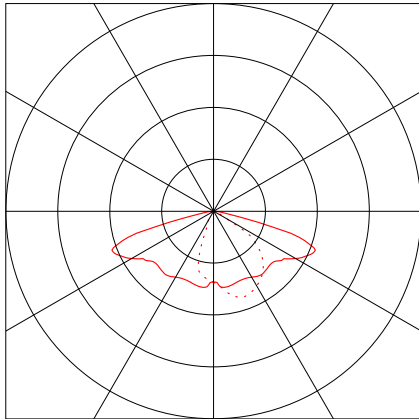
Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 118.29 lm/W
Classification : A30 ↓100.0% ↑0.0%
CIE Flux Codes : 39 71 97 100 100
UGR 4H 8H : 41.3 / 17.8
Power : 76 W
Luminous flux : 8990 lm

Equipped with

Quantity : 1
Designation :
Colour : 4000
Luminous flux : 8990 lm
Colour reproduction : 70

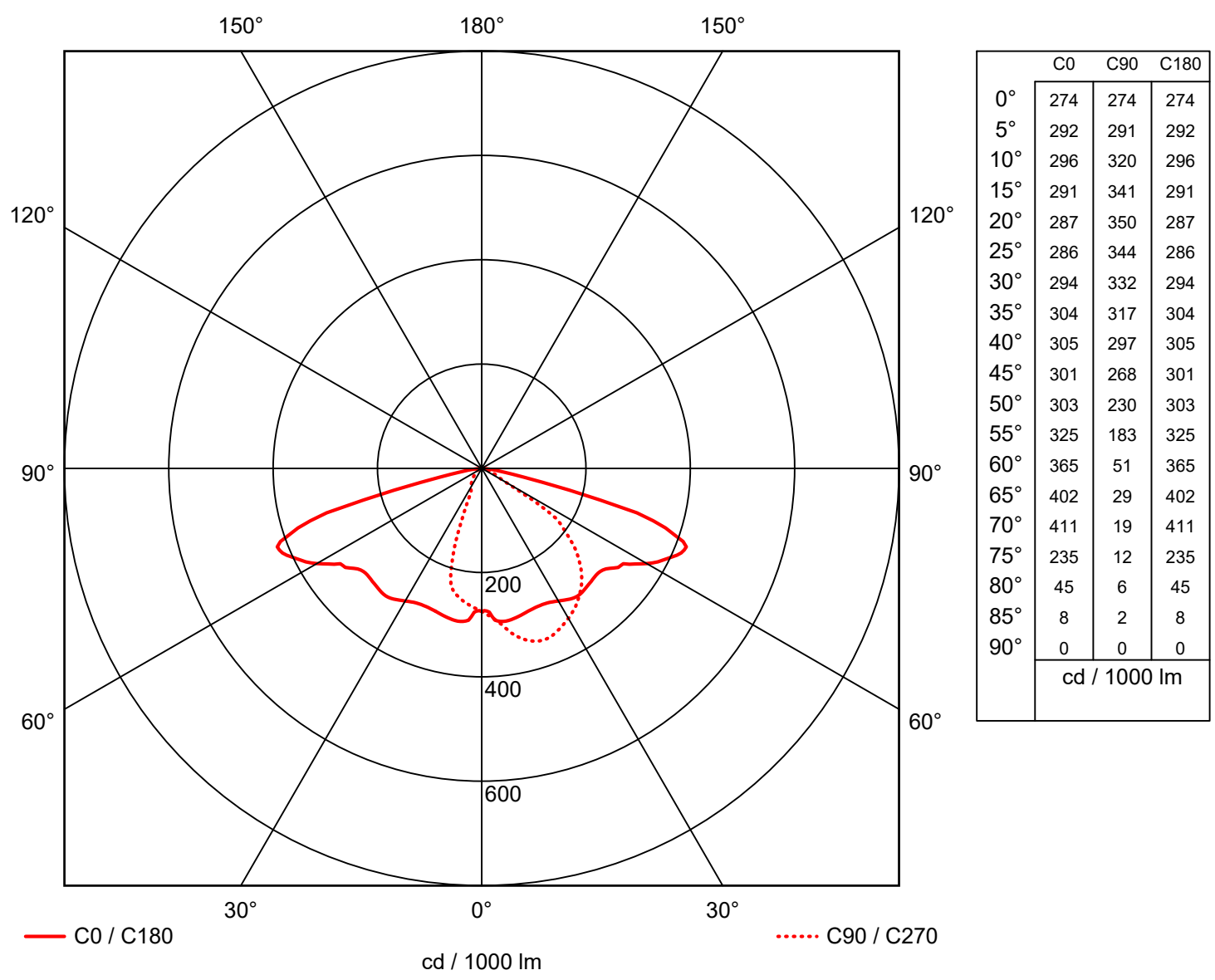
Dimensions : 615 mm x 343 mm x 106 mm



Object : TERNI - Viabilità secondo stralcio
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1.1 AEC ILLUMINAZIONE SRL, ITALO 1 0F2H1 STU-M 4.... (ITALO 1 0F2H1 S...)

1.1.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ITALO 1 0F2H1 STU-M 4.7-4M
 Luminaire name : ITALO 1 0F2H1 STU-M 4.7-4M
 Equipment : 1 x L-IT1-0F2H1-4000-700-4M-70-25
 Dimensions : L 615 mm x W 343 mm x H 106 mm
 File name : ITALO 1 0F2H1 STU-M 4.7-4M.LDT

Efficiency factor : 100%
 Luminaire efficacy : 118.29 lm/W (A30)
 Light distribution : asymmetric
 Beam Angle : 72.5° C0
 -- C90
 72.5° C180
 -- C270

Object : TERNI - Viabilità secondo stralcio
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1 Luminaire data

1.2 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STW 4.5-4M... (ITALO 1 0F3 STW...)

1.2.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ITALO 1 0F3 STW 4.5-4M

ITALO 1 0F3 STW 4.5-4M

Luminaire data

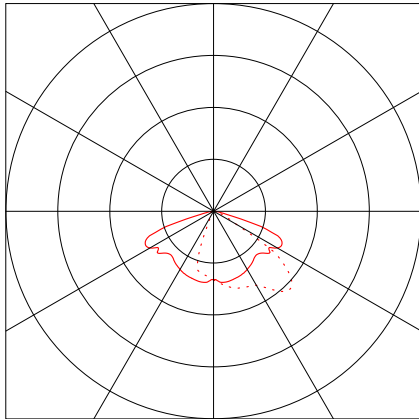
Luminaire efficiency : 100%
Luminaire efficacy : 130.92 lm/W
Classification : A30 ↓100.0% ↑0.0%
CIE Flux Codes : 38 76 98 100 100
UGR 4H 8H : 39.3 / 19.3
Power : 76 W
Luminous flux : 9950 lm

Dimensions : 615 mm x 343 mm x 106 mm

Equipped with

Quantity : 1
Designation :

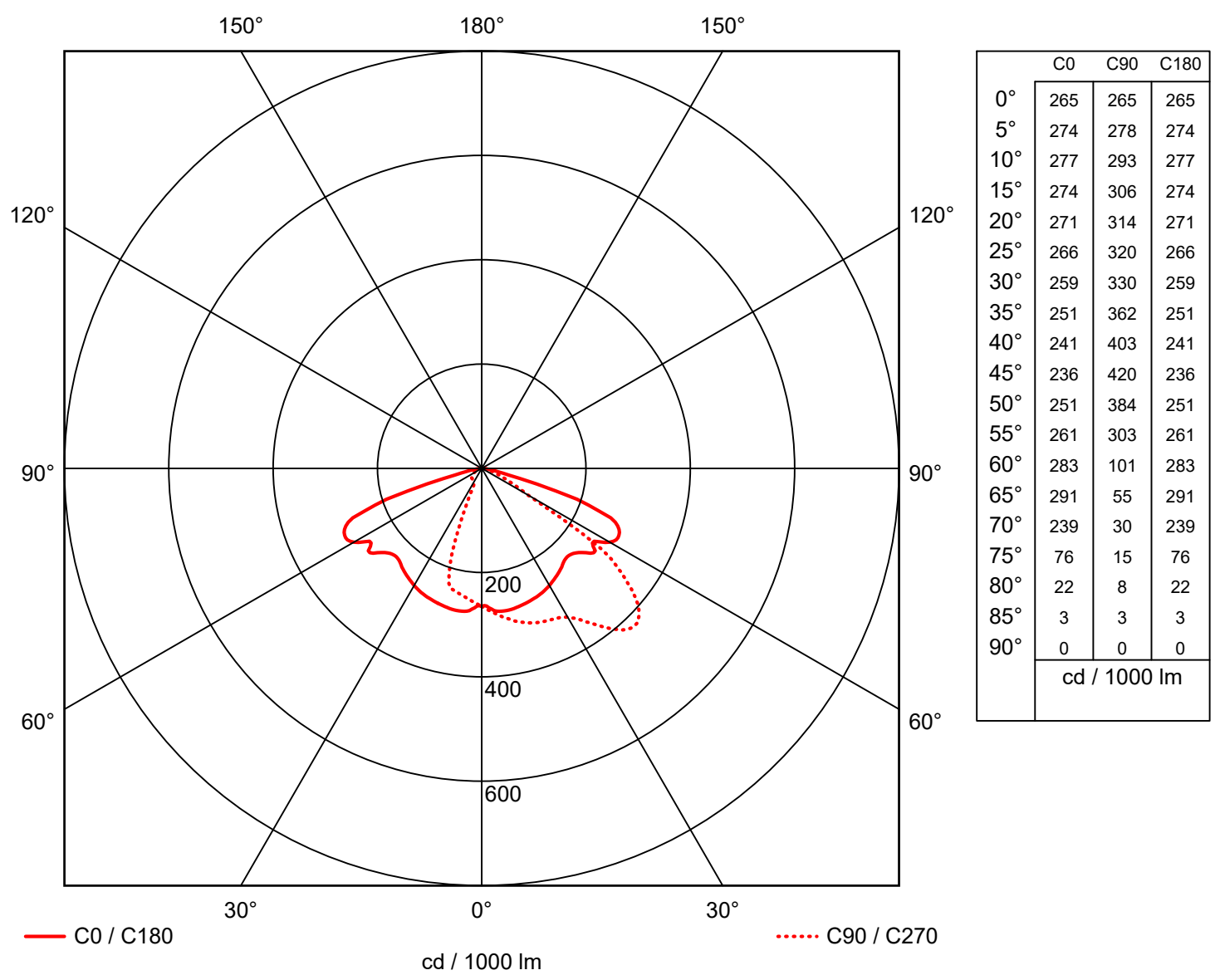
Colour : 4000
Luminous flux : 9950 lm
Colour reproduction : 70



Object : TERNI - Viabilità secondo stralcio
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1.2 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STW 4.5-4M... (ITALO 1 0F3 STW...)

1.2.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ITALO 1 0F3 STW 4.5-4M
 Luminaire name : ITALO 1 0F3 STW 4.5-4M
 Equipment : 1 x L-IT1-0F3-4000-525-4M-70-25 76
 Dimensions : L 615 mm x W 343 mm x H 106 mm
 File name : ITALO 1 0F3 STW 4.5-4M.LDT

Efficiency factor : 100%
 Luminaire efficacy : 130.92 lm/W (A30)
 Light distribution : asymmetric
 Beam Angle : -- C0
 : 49.8° C90
 : -- C180
 : -- C270

Object : TERNI - Viabilità secondo stralcio
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1 Luminaire data

1.3 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STW 4.7-2M... (ITALO 1 0F3 STW...)

1.3.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ITALO 1 0F3 STW 4.7-2M

ITALO 1 0F3 STW 4.7-2M

Luminaire data

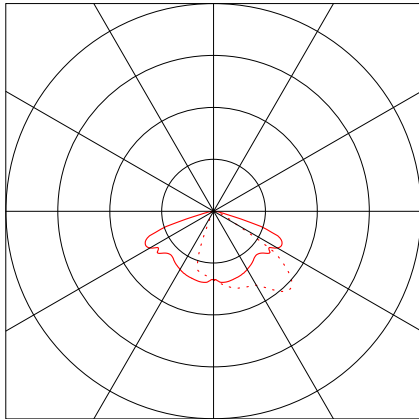
Luminaire efficiency : 100%
Luminaire efficacy : 125.58 lm/W
Classification : A30 ↓100.0% ↑0.0%
CIE Flux Codes : 38 76 98 100 100
UGR 4H 8H : 40.3 / 20.3
Power : 52 W
Luminous flux : 6530 lm

Dimensions : 615 mm x 343 mm x 106 mm

Equipped with

Quantity : 1
Designation :

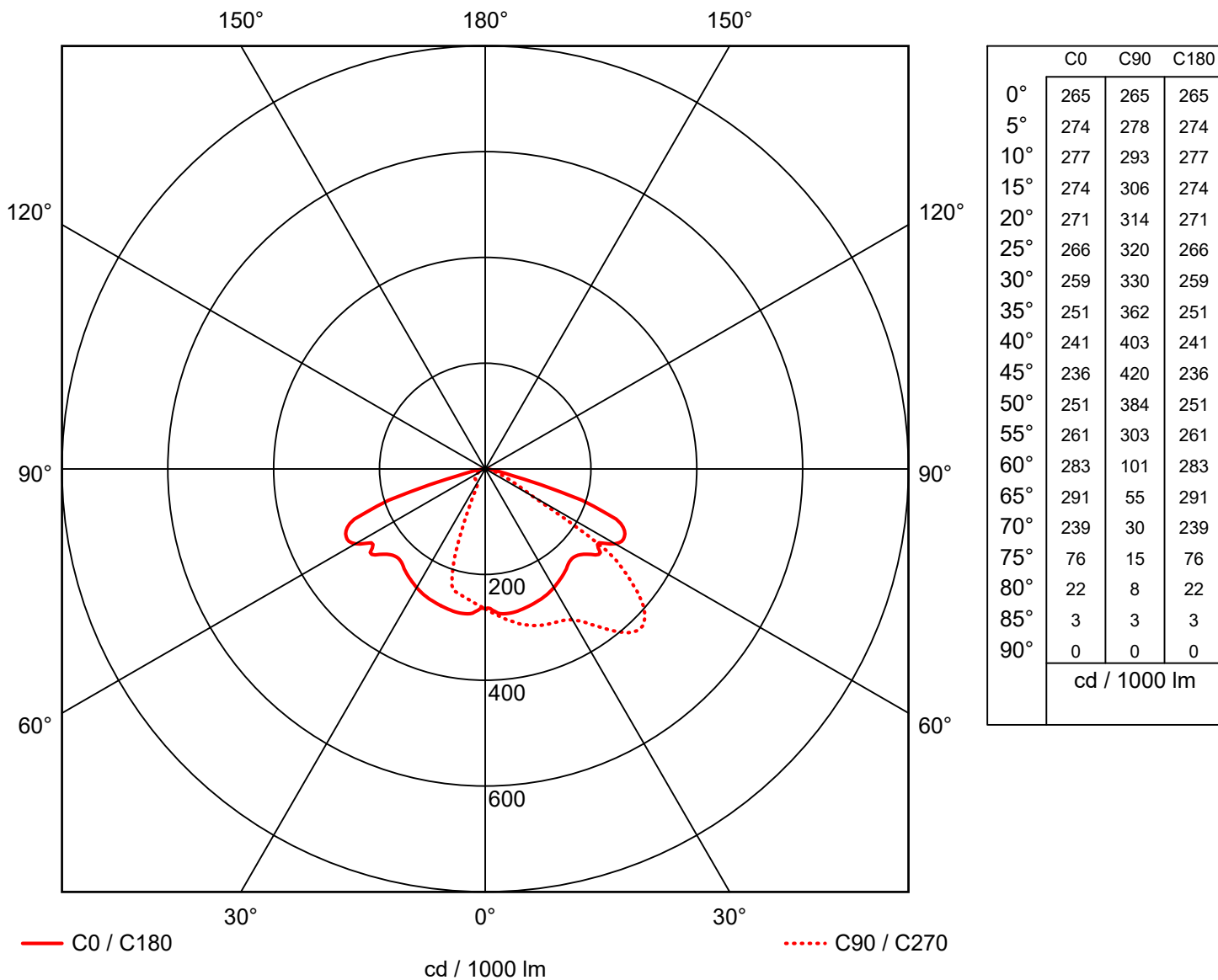
Colour : 4000
Luminous flux : 6530 lm
Colour reproduction : 70



Object : TERNI - Viabilità secondo stralcio
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1.3 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STW 4.7-2M... (ITALO 1 0F3 STW...)

1.3.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ITALO 1 0F3 STW 4.7-2M
 Luminaire name : ITALO 1 0F3 STW 4.7-2M
 Equipment : 1 x L-IT1-0F3-4000-700-2M-70-25 5'
 Dimensions : L 615 mm x W 343 mm x H 106 mm
 File name : ITALO 1 0F3 STW 4.7-2M.LDT

Efficiency factor : 100%
 Luminaire efficacy : 125.58 lm/W (A30)
 Light distribution : asymmetric
 Beam Angle : -- C0
 49.8° C90
 -- C180
 -- C270

Object : TERNI - Viabilità secondo stralcio
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1 Luminaire data

1.4 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STE-M 4.7-... (ITALO 1 0F3 STE...)

1.4.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ITALO 1 0F3 STE-M 4.7-4M

ITALO 1 0F3 STE-M 4.7-4M

Luminaire data

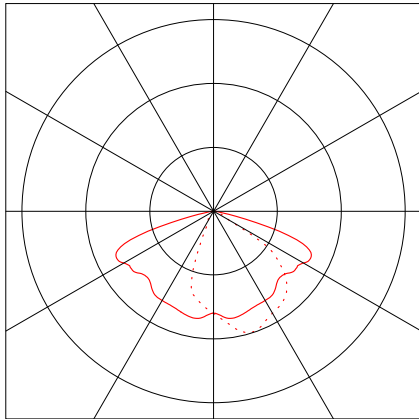
Luminaire efficiency : 100%
Luminaire efficacy : 123.04 lm/W
Classification : A40 ↓100.0% ↑0.0%
CIE Flux Codes : 44 79 98 100 100
UGR 4H 8H : 39.9 / 16.9
Power : 102 W
Luminous flux : 12550 lm

Equipped with

Quantity : 1
Designation :

Colour : 4000
Luminous flux : 12550 lm
Colour reproduction : 70

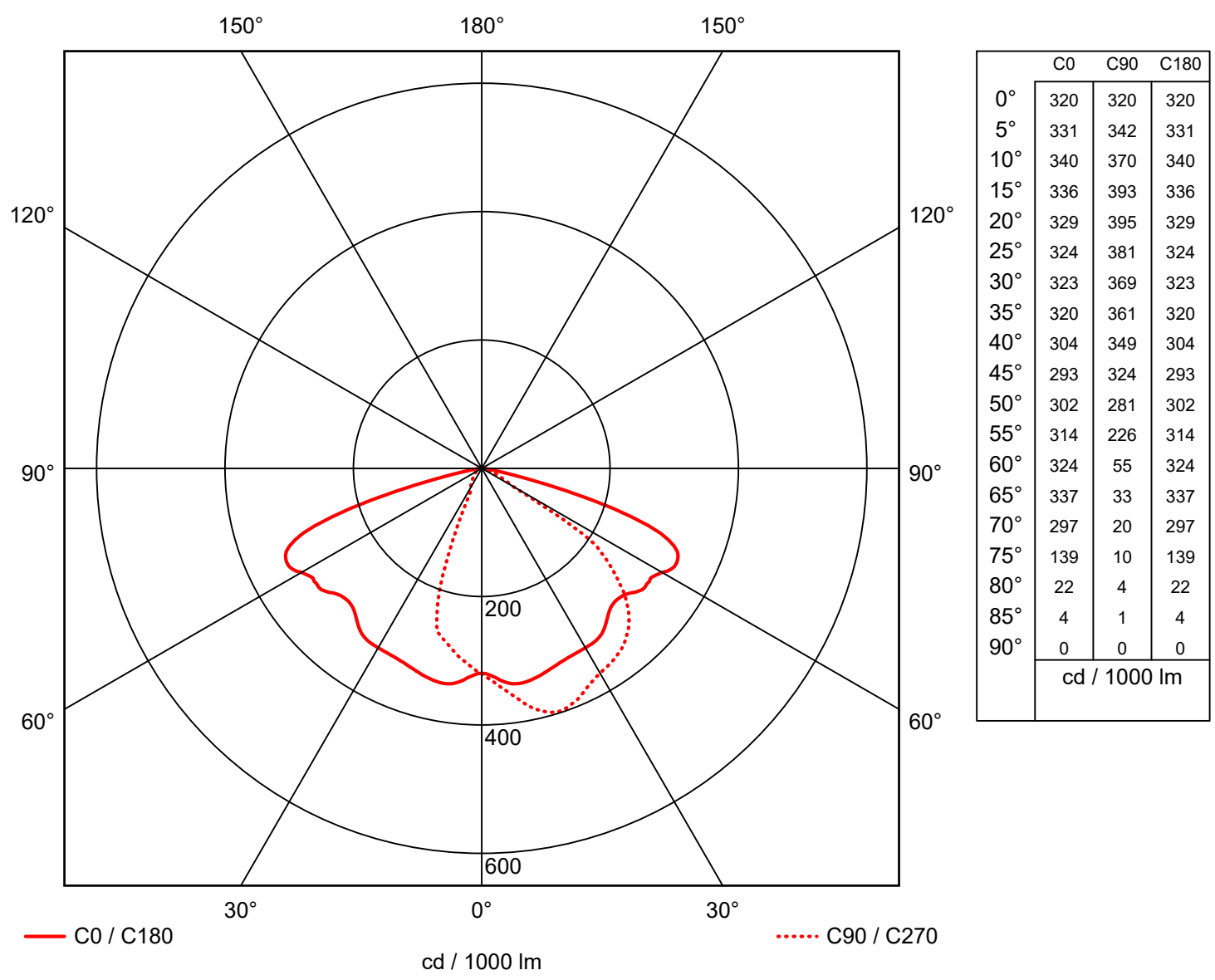
Dimensions : 615 mm x 343 mm x 106 mm



Object : TERNI - Viabilità secondo stralcio
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1.4 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STE-M 4.7-... (ITALO 1 0F3 STE...)

1.4.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ITALO 1 0F3 STE-M 4.7-4M
 Luminaire name : ITALO 1 0F3 STE-M 4.7-4M
 Equipment : 1 x L-IT1-0F3-4000-700-4M-70-25 10
 Dimensions : L 615 mm x W 343 mm x H 106 mm
 File name : ITALO 1 0F3 STE-M 4.7-4M.LDT

Efficiency factor : 100%
 Luminaire efficacy : 123.04 lm/W (A40)
 Light distribution : asymmetric
 Beam Angle : -- C0
 47.5° C90
 -- C180
 4.3° C270

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1 Luminaire data

1.5 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STE-M 4.5-... (ITALO 1 0F3 STE...)

1.5.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ITALO 1 0F3 STE-M 4.5-2M

ITALO 1 0F3 STE-M 4.5-2M

Luminaire data

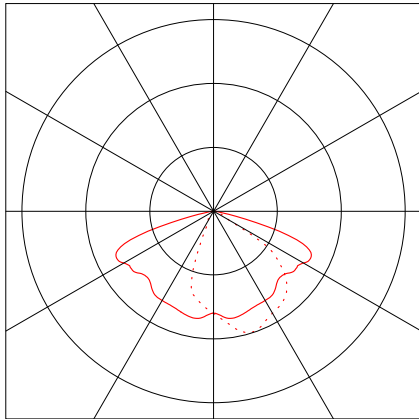
Luminaire efficiency : 100%
Luminaire efficacy : 132.31 lm/W
Classification : A40 ↓100.0% ↑0.0%
CIE Flux Codes : 44 79 98 100 100
UGR 4H 8H : 39.2 / 16.2
Power : 39 W
Luminous flux : 5160 lm

Equipped with

Quantity : 1
Designation :

Colour : 4000
Luminous flux : 5160 lm
Colour reproduction : 70

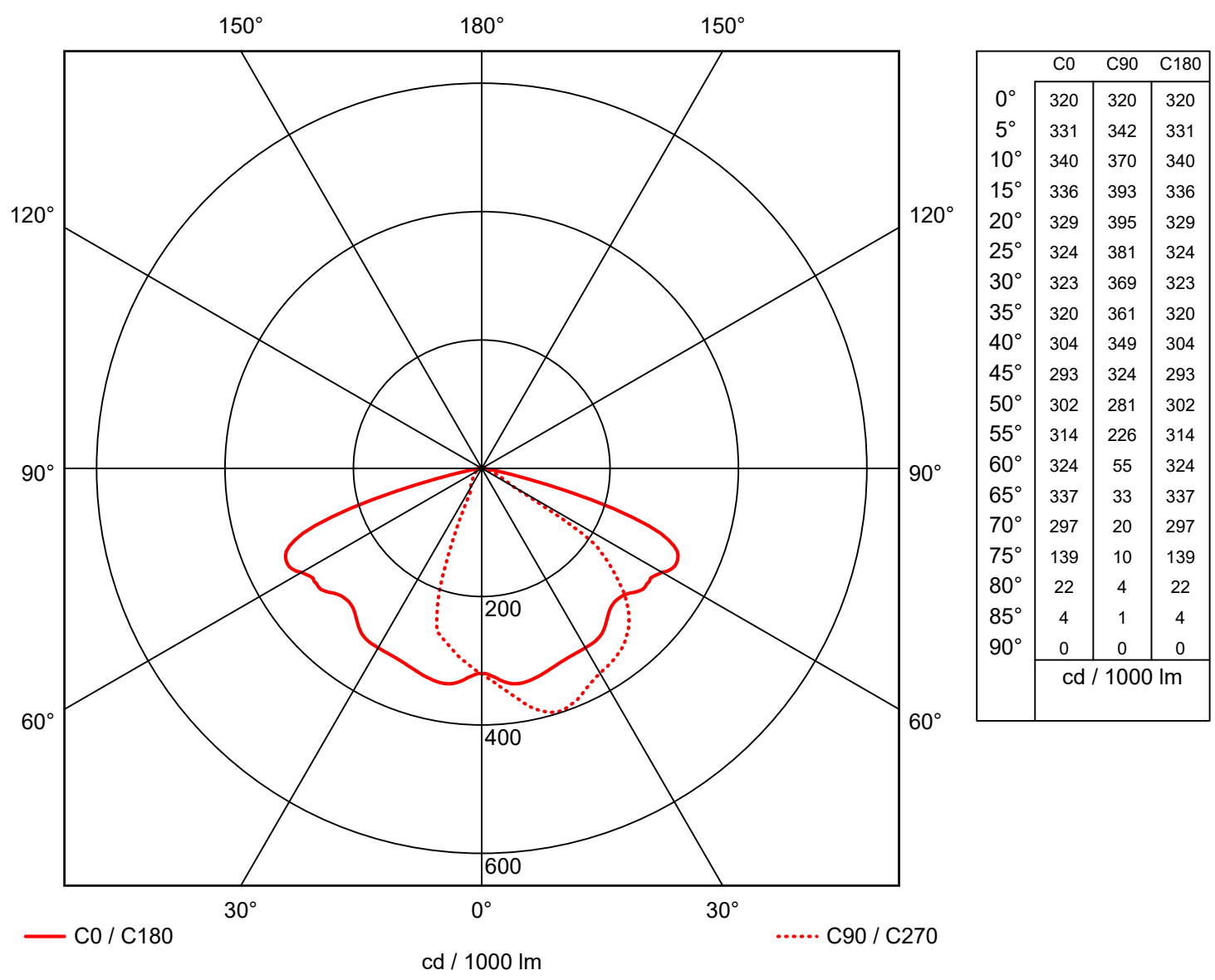
Dimensions : 615 mm x 343 mm x 106 mm



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1.5 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STE-M 4.5-... (ITALO 1 0F3 STE...)

1.5.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ITALO 1 0F3 STE-M 4.5-2M
 Luminaire name : ITALO 1 0F3 STE-M 4.5-2M
 Equipment : 1 x L-IT1-0F3-4000-525-2M-70-25 3!
 Dimensions : L 615 mm x W 343 mm x H 106 mm
 File name : ITALO 1 0F3 STE-M 4.5-2M.LDT

Efficiency factor : 100%
 Luminaire efficacy : 132.31 lm/W (A40)
 Light distribution : asymmetric
 Beam Angle : -- C0
 47.5° C90
 -- C180
 4.3° C270

Object : TERNI - Viabilità secondo stralcio
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1 Luminaire data

1.6 AEC ILLUMINAZIONE SRL, ARTELYS 350 0F2H1 S05 ... (ARTELYS 350 0F2...)

1.6.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ARTELYS 350 0F2H1 S05 4.5-1M

ARTELYS 350 0F2H1 S05 4.5-1M

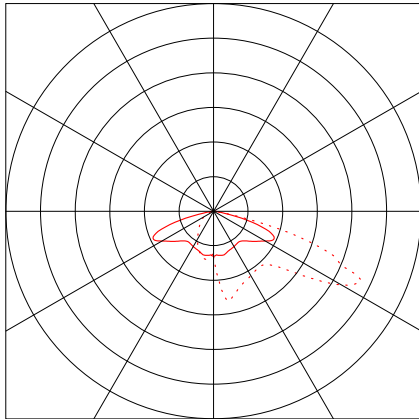
Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 115 lm/W
Classification : A20 ↓100.0% ↑0.0%
CIE Flux Codes : 27 61 96 100 100
UGR 4H 8H : 39.6 / 24.2
Power : 16 W
Luminous flux : 1840 lm

Dimensions : Ø350 mm x 204 mm

Equipped with

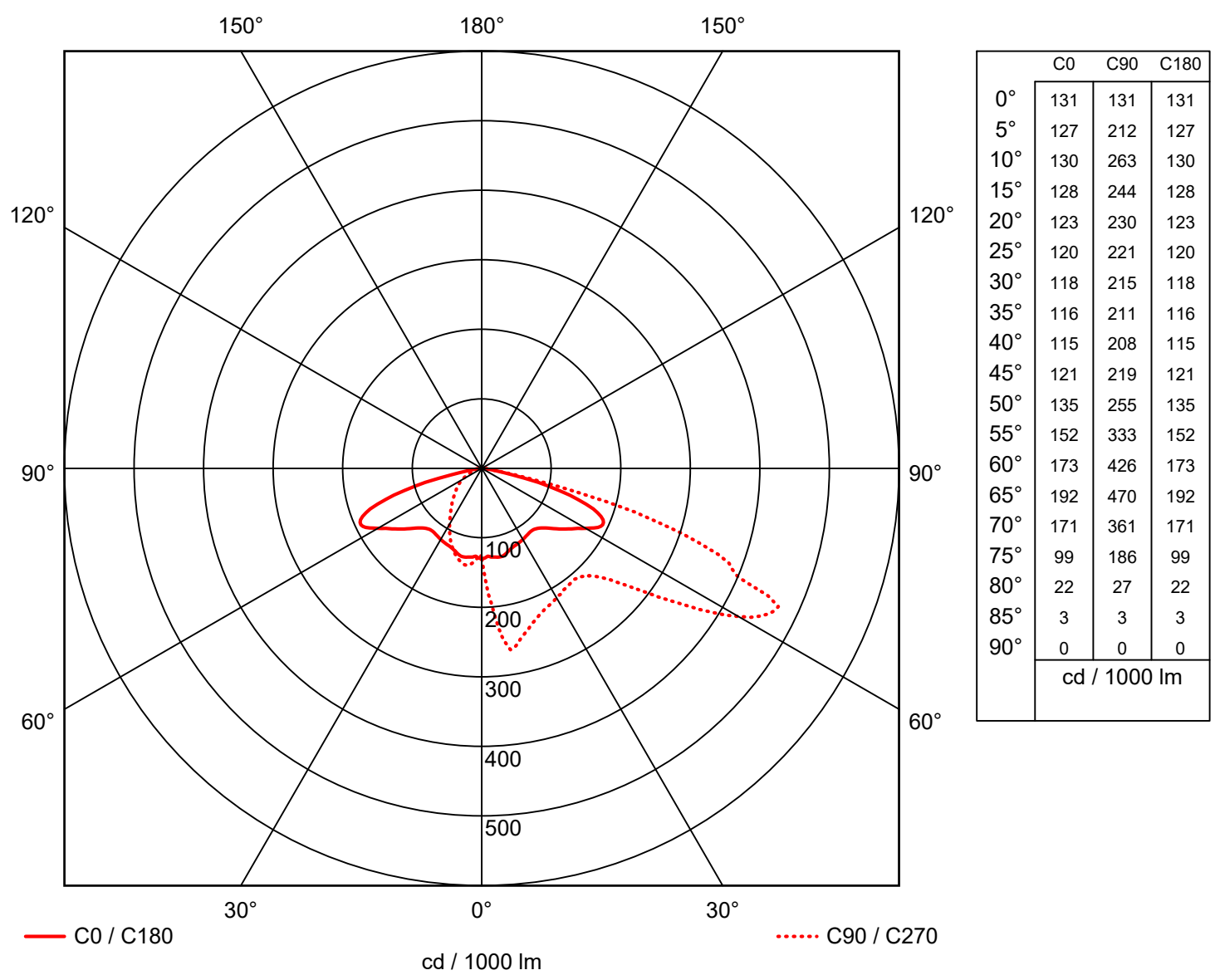
Quantity : 1
Designation :
Colour : 4000
Luminous flux : 1840 lm
Colour reproduction : 70



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1.6 AEC ILLUMINAZIONE SRL, ARTELYS 350 0F2H1 S05 ... (ARTELYS 350 0F2...)

1.6.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ARTELYS 350 0F2H1 S05 4.5-1M
 Luminaire name : ARTELYS 350 0F2H1 S05 4.5-1M
 Equipment : 1 x L-ART-0F2H1-4000-500-1M-70-2
 Dimensions : D 350 mm x H 204 mm
 File name : ARTELYS 350 0F2H1 S05 4.5-1M.LI

Efficiency factor : 100%
 Luminaire efficacy : 115 lm/W (A20)
 Light distribution : asymmetric
 Beam Angle : -- C0
 72.6° C90
 -- C180
 -- C270

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1 Luminaire data

1.7 AEC ILLUMINAZIONE SRL, ARTELYS 350 0F2H1 STU-... (ARTELYS 350 0F2...)

1.7.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ARTELYS 350 0F2H1 STU-M 4.5-1M

ARTELYS 350 0F2H1 STU-M 4.5-1M

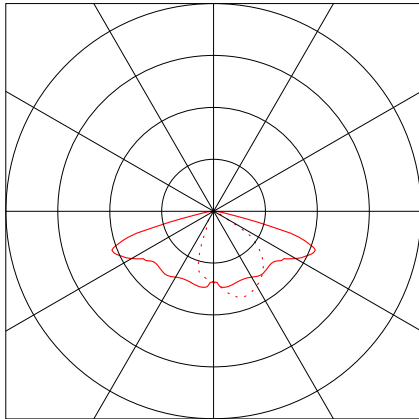
Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 115 lm/W
Classification : A30 ↓100.0% ↑0.0%
CIE Flux Codes : 39 71 97 100 100
UGR 4H 8H : 43.6 / 20.1
Power : 16 W
Luminous flux : 1840 lm

Equipped with

Quantity : 1
Designation :
Colour : 4000
Luminous flux : 1840 lm
Colour reproduction : 70

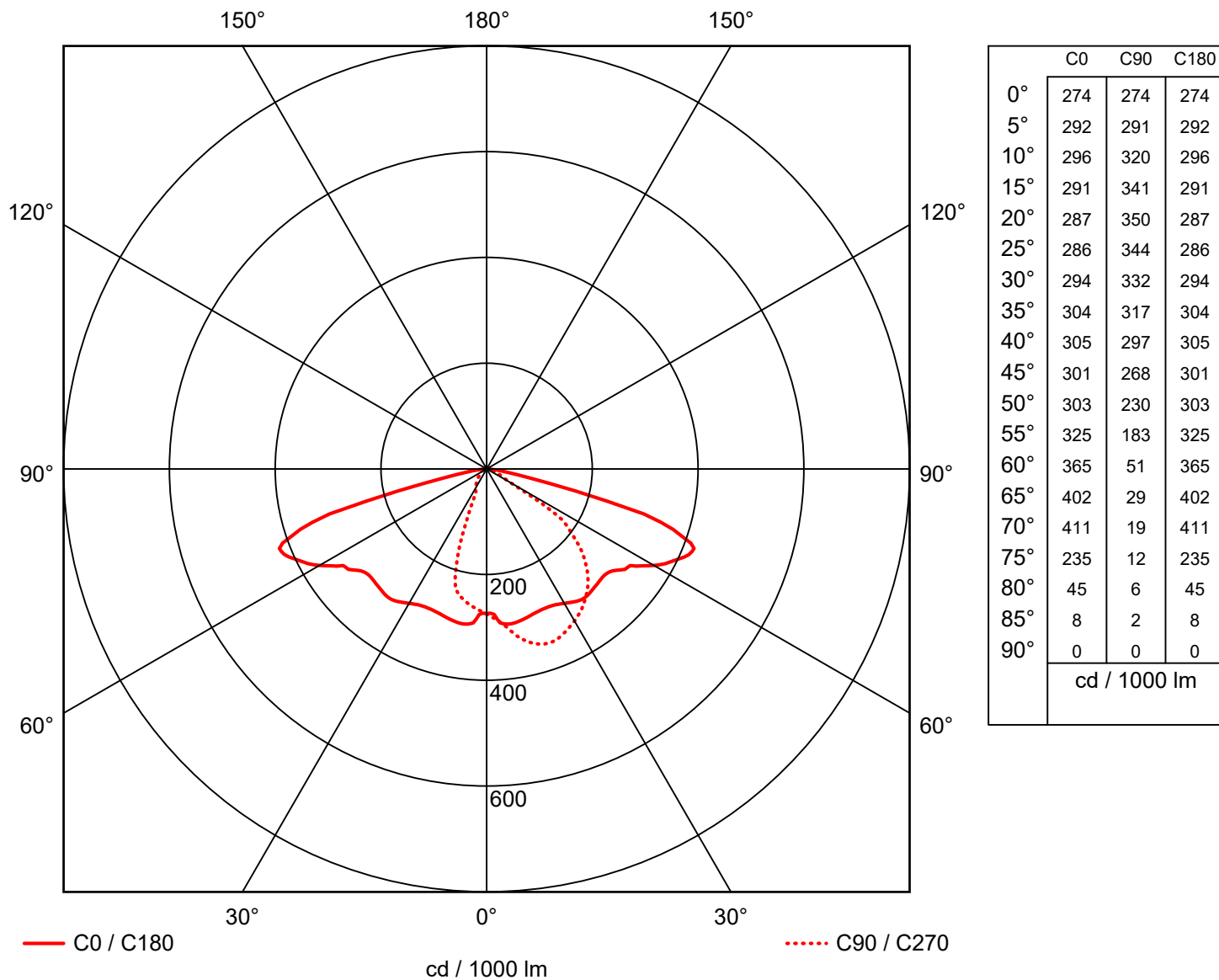
Dimensions : Ø350 mm x 204 mm



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 Date : 19.12.2019

1.7 AEC ILLUMINAZIONE SRL, ARTELYS 350 0F2H1 STU-... (ARTELYS 350 0F2...)

1.7.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ARTELYS 350 0F2H1 STU-M 4.5-1M
 Luminaire name : ARTELYS 350 0F2H1 STU-M
 4.5-1M
 Equipment : 1 x L-ART-0F2H1-4000-500-1M-70-2
 Dimensions : D 350 mm x H 204 mm
 File name : ARTELYS 350 0F2H1 STU-M 4.5-1M

Efficiency factor : 100%
 Luminaire efficacy : 115 lm/W (A30)
 Light distribution : asymmetric
 Beam Angle : 72.5° C0
 -- C90
 72.5° C180
 -- C270

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

1 Luminaire data

1.8 AEC ILLUMINAZIONE SRL, ITALO 1 0F2H1 S05 4.5-... (ITALO 1 0F2H1 S...)

1.8.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ITALO 1 0F2H1 S05 4.5-4M

ITALO 1 0F2H1 S05 4.5-4M

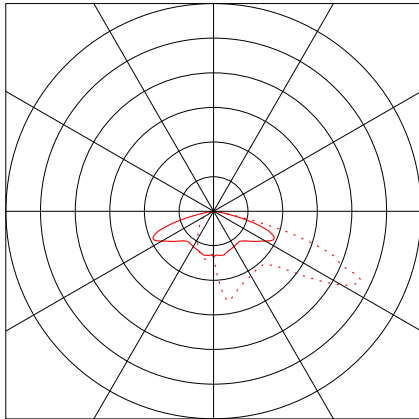
Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 125.44 lm/W
Classification : A20 ↓100.0% ↑0.0%
CIE Flux Codes : 27 61 96 100 100
UGR 4H 8H : 36.6 / 21.1
Power : 57 W
Luminous flux : 7150 lm

Equipped with

Quantity : 1
Designation :
Colour : 4000
Luminous flux : 7150 lm
Colour reproduction : 70

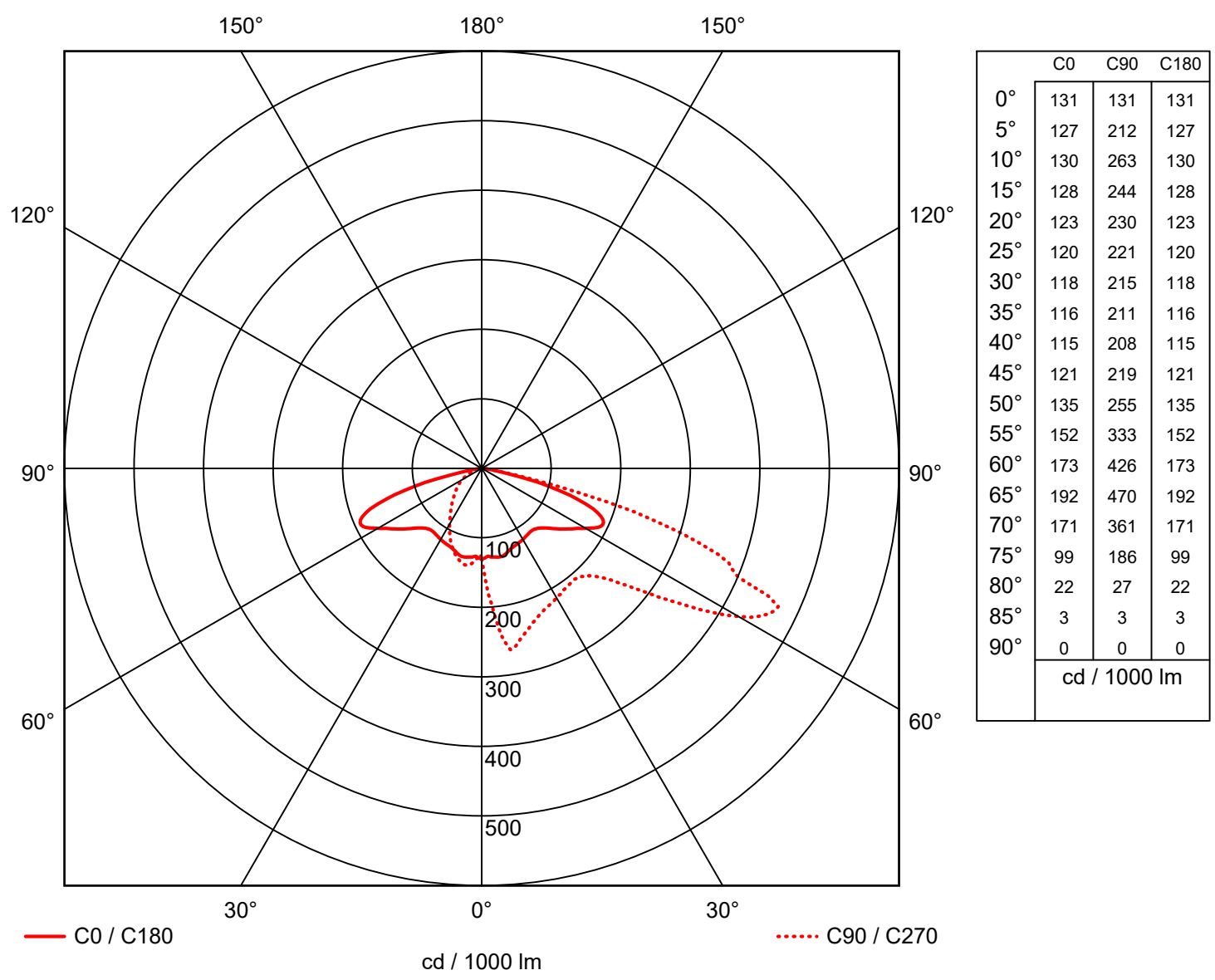
Dimensions : 615 mm x 343 mm x 106 mm



Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

1.8 AEC ILLUMINAZIONE SRL, ITALO 1 0F2H1 S05 4.5-... (ITALO 1 0F2H1 S...)

1.8.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ITALO 1 0F2H1 S05 4.5-4M
 Luminaire name : ITALO 1 0F2H1 S05 4.5-4M
 Equipment : 1 x L-IT1-0F2H1-4000-525-4M-70-25
 Dimensions : L 615 mm x W 343 mm x H 106 mm
 File name : ITALO 1 0F2H1 S05 4.5-4M.LDT

Efficiency factor : 100%
 Luminaire efficacy : 125.44 lm/W (A20)
 Light distribution : asymmetric
 Beam Angle : -- C0
 72.6° C90
 -- C180
 -- C270

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

1 Luminaire data

1.9 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STE-M 4.7-... (ITALO 1 0F3 STE...)

1.9.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ITALO 1 0F3 STE-M 4.7-3M

ITALO 1 0F3 STE-M 4.7-3M

Luminaire data

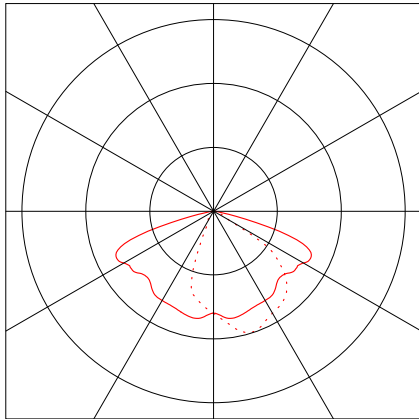
Luminaire efficiency : 100%
Luminaire efficacy : 123.95 lm/W
Classification : A40 ↓100.0% ↑0.0%
CIE Flux Codes : 44 79 98 100 100
UGR 4H 8H : 38.9 / 15.9
Power : 76 W
Luminous flux : 9420 lm

Equipped with

Quantity : 1
Designation :

Colour : 4000
Luminous flux : 9420 lm
Colour reproduction : 70

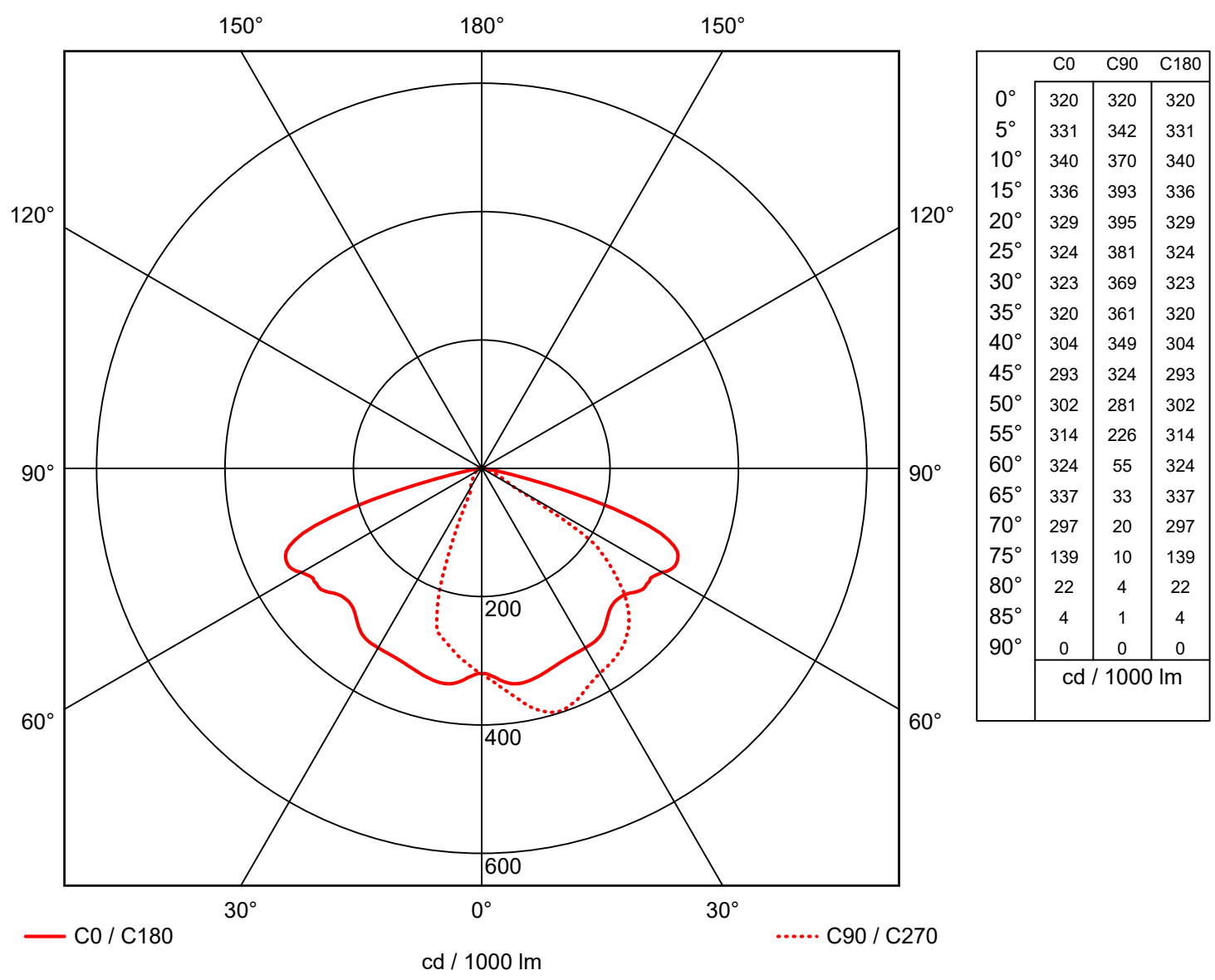
Dimensions : 615 mm x 343 mm x 106 mm



Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

1.9 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STE-M 4.7-... (ITALO 1 0F3 STE...)

1.9.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ITALO 1 0F3 STE-M 4.7-3M
 Luminaire name : ITALO 1 0F3 STE-M 4.7-3M
 Equipment : 1 x L-IT1-0F3-4000-700-3M-70-25 76
 Dimensions : L 615 mm x W 343 mm x H 106 mm
 File name : ITALO 1 0F3 STE-M 4.7-3M.LDT

Efficiency factor : 100%
 Luminaire efficacy : 123.95 lm/W (A40)
 Light distribution : asymmetric
 Beam Angle : -- C0
 47.5° C90
 -- C180
 4.3° C270

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

1 Luminaire data

1.10 AEC ILLUMINAZIONE SRL, ITALO 1 0F2H1 S05 4.7-... (ITALO 1 0F2H1 S...)

1.10.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ITALO 1 0F2H1 S05 4.7-3M

ITALO 1 0F2H1 S05 4.7-3M

Luminaire data

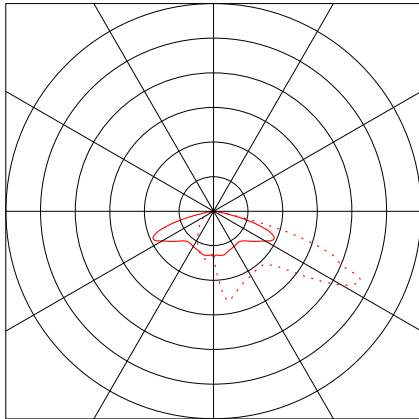
Luminaire efficiency : 100%
Luminaire efficacy : 121.21 lm/W
Classification : A20 ↓100.0% ↑0.0%
CIE Flux Codes : 27 61 96 100 100
UGR 4H 8H : 36.5 / 21.1
Power : 58 W
Luminous flux : 7030 lm

Dimensions : 615 mm x 343 mm x 106 mm

Equipped with

Quantity : 1
Designation :

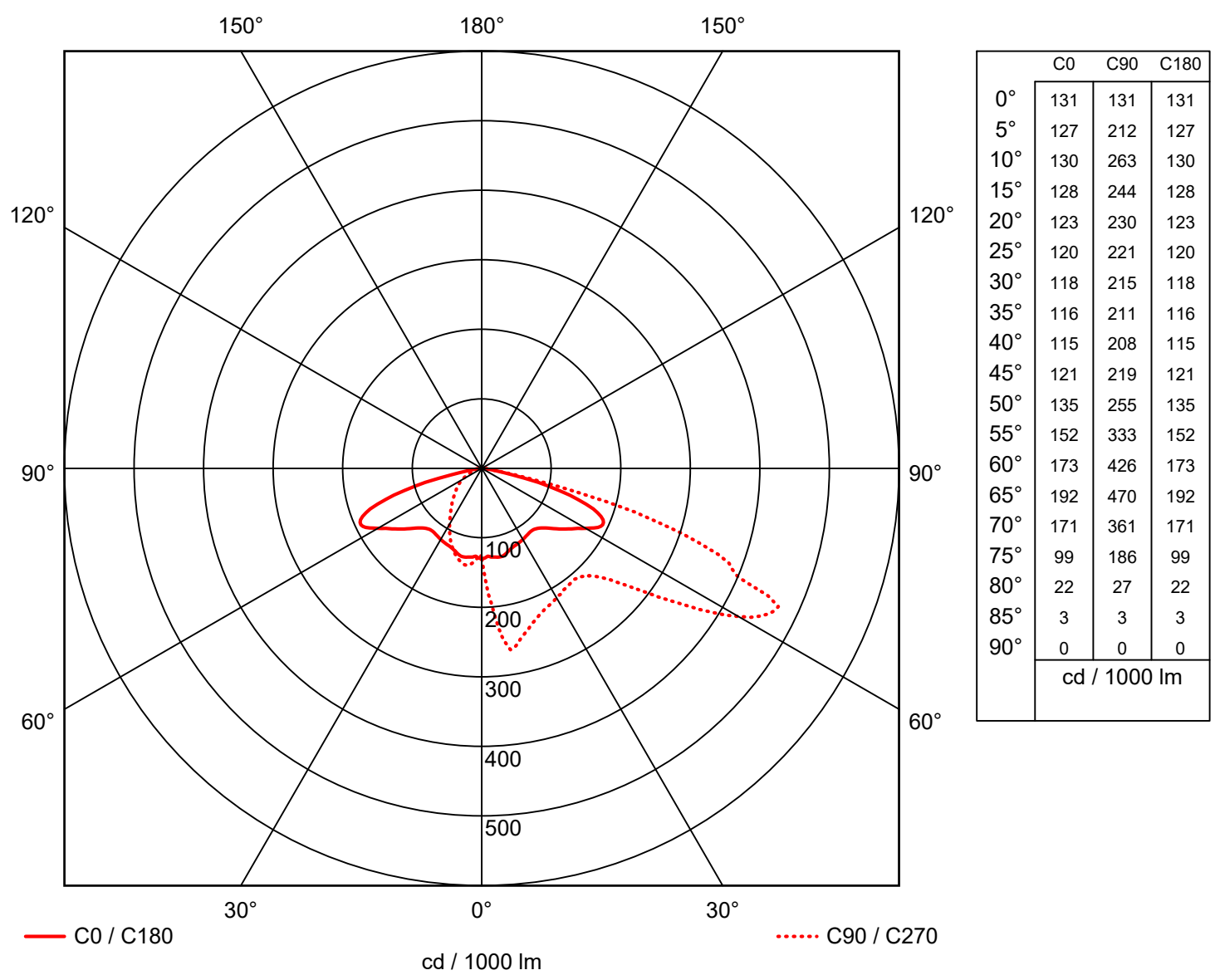
Colour : 4000
Luminous flux : 7030 lm
Colour reproduction : 70



Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

1.10 AEC ILLUMINAZIONE SRL, ITALO 1 0F2H1 S05 4.7-... (ITALO 1 0F2H1 S...)

1.10.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ITALO 1 0F2H1 S05 4.7-3M
 Luminaire name : ITALO 1 0F2H1 S05 4.7-3M
 Equipment : 1 x L-IT1-0F2H1-4000-700-3M-70-25
 Dimensions : L 615 mm x W 343 mm x H 106 mm
 File name : ITALO 1 0F2H1 S05 4.7-3M.LDT

Efficiency factor : 100%
 Luminaire efficacy : 121.21 lm/W (A20)
 Light distribution : asymmetric
 Beam Angle : -- C0
 72.6° C90
 -- C180
 -- C270

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

1 Luminaire data

1.11 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STW 4.7-3M... (ITALO 1 0F3 STW...)

1.11.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ITALO 1 0F3 STW 4.7-3M

ITALO 1 0F3 STW 4.7-3M

Luminaire data

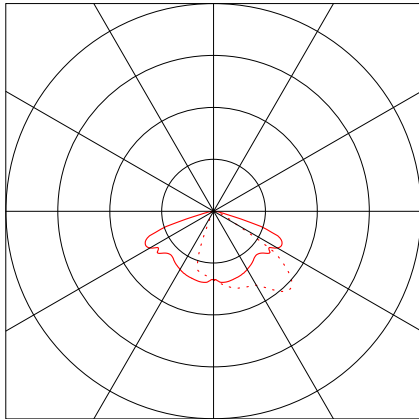
Luminaire efficiency : 100%
Luminaire efficacy : 123.95 lm/W
Classification : A30 ↓100.0% ↑0.0%
CIE Flux Codes : 38 76 98 100 100
UGR 4H 8H : 39.1 / 19.1
Power : 76 W
Luminous flux : 9420 lm

Dimensions : 615 mm x 343 mm x 106 mm

Equipped with

Quantity : 1
Designation :

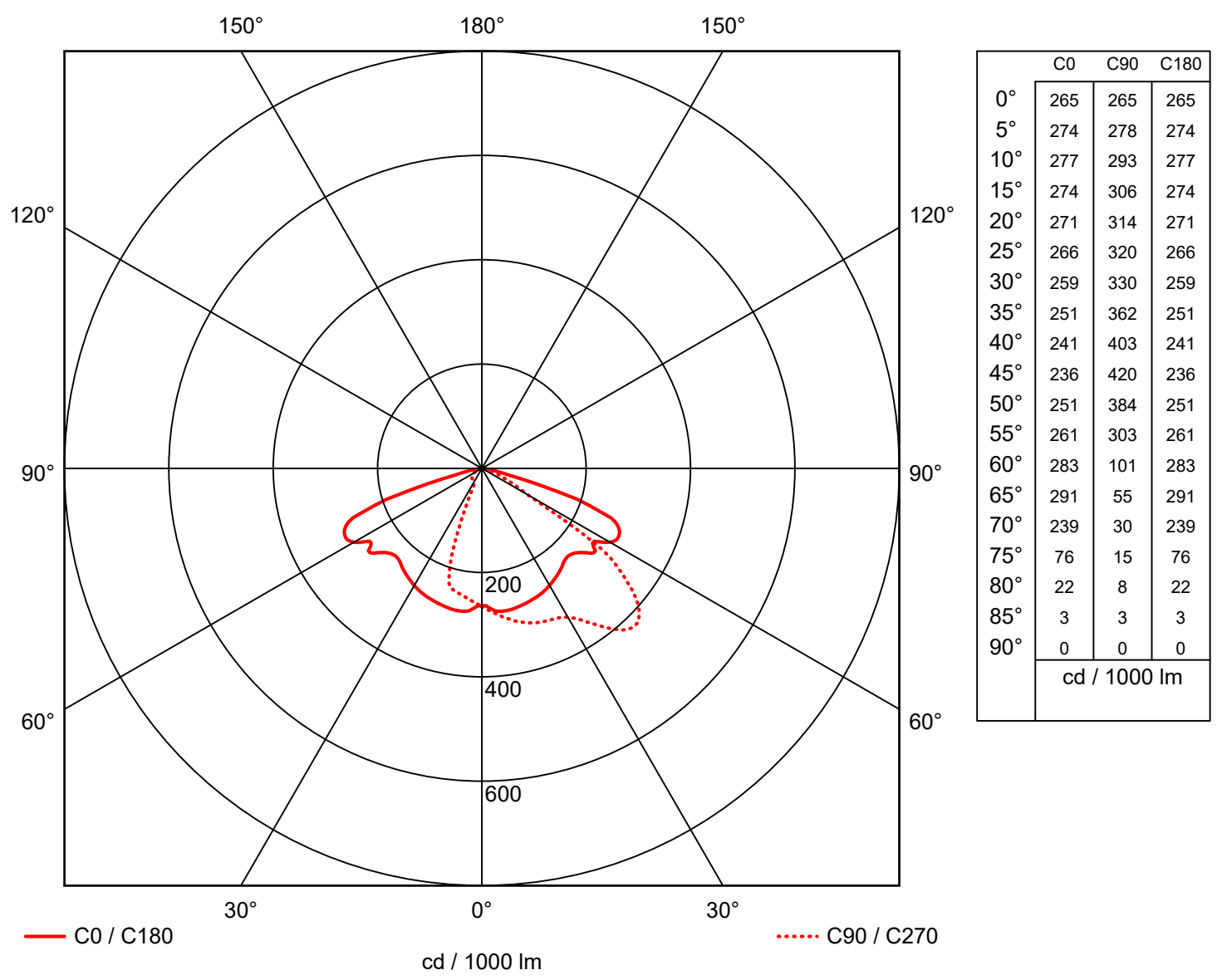
Colour : 4000
Luminous flux : 9420 lm
Colour reproduction : 70



Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

1.11 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STW 4.7-3M... (ITALO 1 0F3 STW...)

1.11.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ITALO 1 0F3 STW 4.7-3M
 Luminaire name : ITALO 1 0F3 STW 4.7-3M
 Equipment : 1 x L-IT1-0F3-4000-700-3M-70-25 7t
 Dimensions : L 615 mm x W 343 mm x H 106 mm
 File name : ITALO 1 0F3 STW 4.7-3M.LDT

Efficiency factor : 100%
 Luminaire efficacy : 123.95 lm/W (A30)
 Light distribution : asymmetric
 Beam Angle : -- C0
 49.8° C90
 -- C180
 -- C270

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

1 Luminaire data

1.12 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STW 4.7-4M... (ITALO 1 0F3 STW...)

1.12.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ITALO 1 0F3 STW 4.7-4M

ITALO 1 0F3 STW 4.7-4M

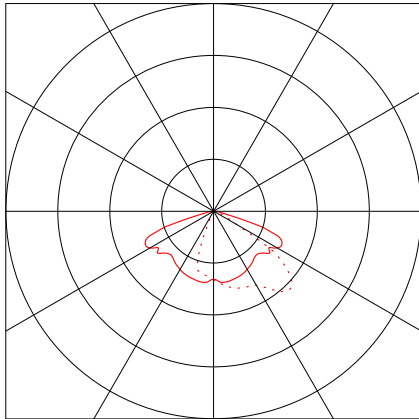
Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 123.04 lm/W
Classification : A30 ↓100.0% ↑0.0%
CIE Flux Codes : 38 76 98 100 100
UGR 4H 8H : 40.1 / 20.1
Power : 102 W
Luminous flux : 12550 lm

Equipped with

Quantity : 1
Designation :
Colour : 4000
Luminous flux : 12550 lm
Colour reproduction : 70

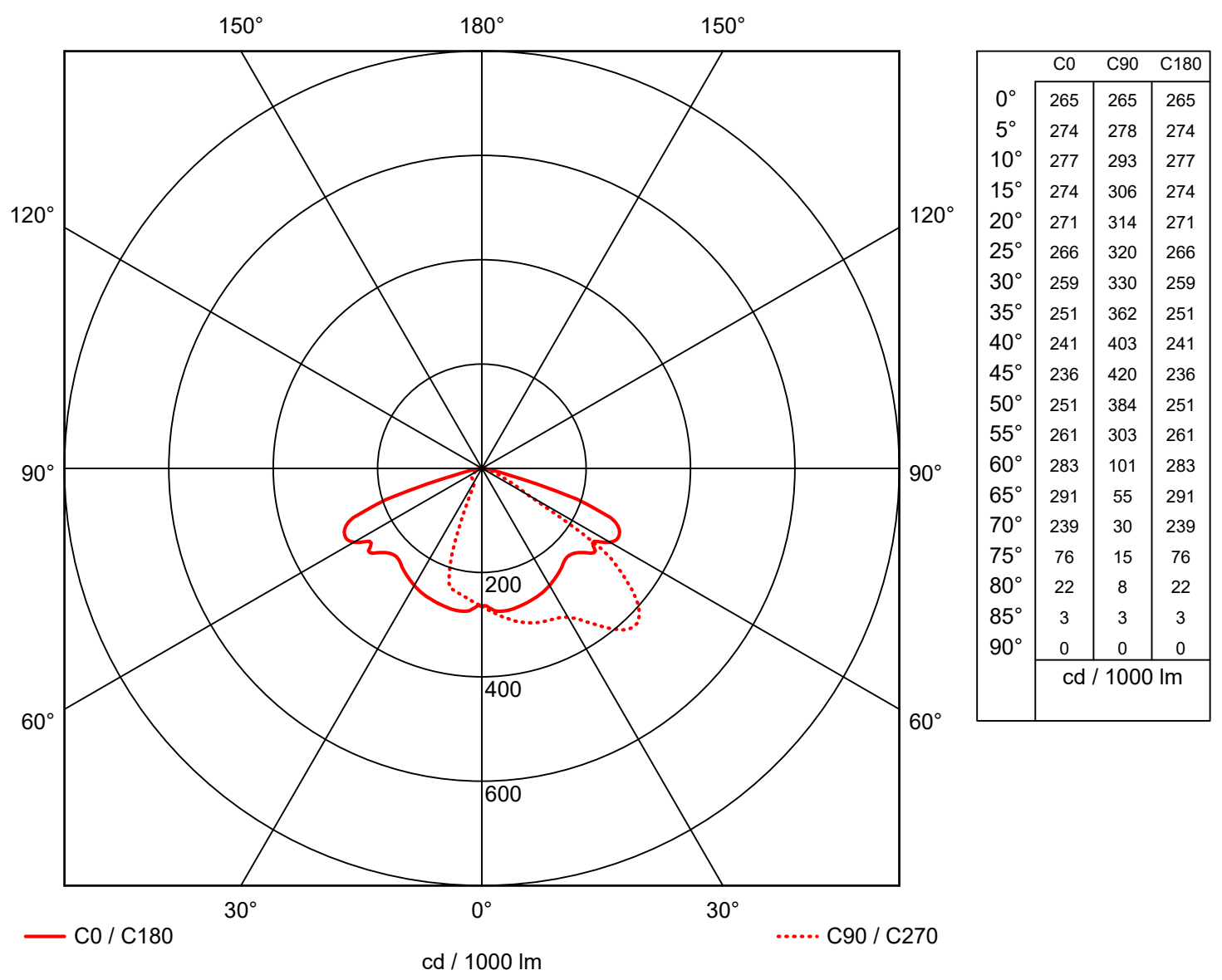
Dimensions : 615 mm x 343 mm x 106 mm



Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

1.12 AEC ILLUMINAZIONE SRL, ITALO 1 0F3 STW 4.7-4M... (ITALO 1 0F3 STW...)

1.12.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ITALO 1 0F3 STW 4.7-4M
 Luminaire name : ITALO 1 0F3 STW 4.7-4M
 Equipment : 1 x L-IT1-0F3-4000-700-4M-70-25 10
 Dimensions : L 615 mm x W 343 mm x H 106 mm
 File name : ITALO 1 0F3 STW 4.7-4M.LDT

Efficiency factor : 100%
 Luminaire efficacy : 123.04 lm/W (A30)
 Light distribution : asymmetric
 Beam Angle : -- C0
 49.8° C90
 -- C180
 -- C270

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

1 Luminaire data

1.13 AEC ILLUMINAZIONE SRL, ITALO 2 UB 0F2H1 S05 4... (ITALO 2 UB 0F2H...)

1.13.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

ITALO 2 UB 0F2H1 S05 4.7-5M

ITALO 2 UB 0F2H1 S05 4.7-5M

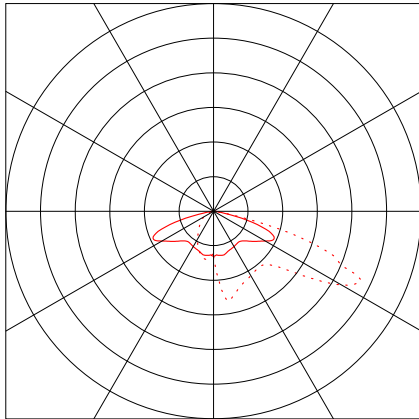
Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 125.16 lm/W
Classification : A20 ↓100.0% ↑0.0%
CIE Flux Codes : 27 61 96 100 100
UGR 4H 8H : 37.0 / 21.5
Power : 95 W
Luminous flux : 11890 lm

Equipped with

Quantity : 1
Designation :
Colour : 4000
Luminous flux : 11890 lm
Colour reproduction : 70

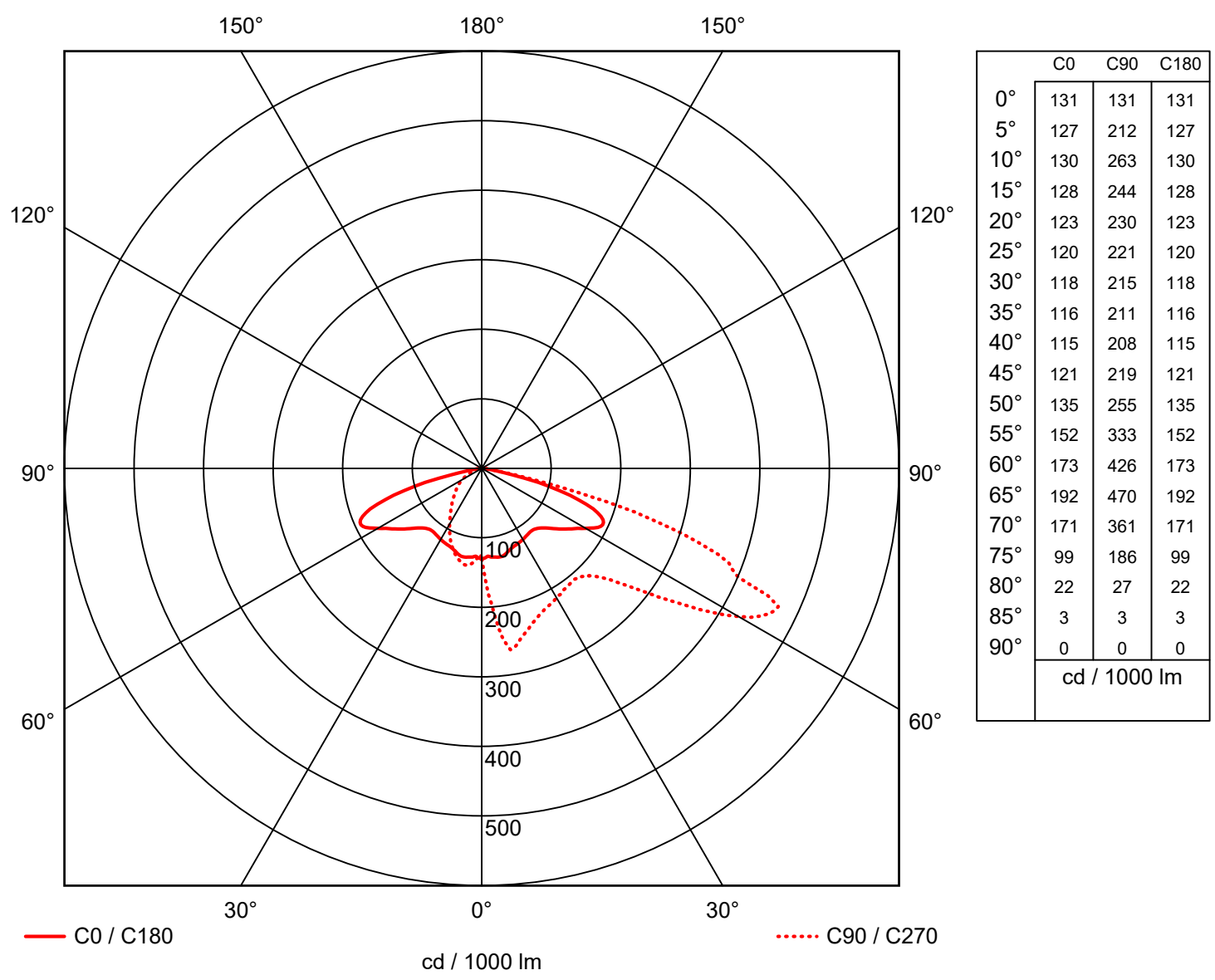
Dimensions : 542 mm x 526 mm x 121 mm



Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

1.13 AEC ILLUMINAZIONE SRL, ITALO 2 UB 0F2H1 S05 4... (ITALO 2 UB 0F2H...)

1.13.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : ITALO 2 UB 0F2H1 S05 4.7-5M
 Luminaire name : ITALO 2 UB 0F2H1 S05 4.7-5M
 Equipment : 1 x L-IT2UB-0F2H1-4000-700-5M-7C
 Dimensions : L 542 mm x W 526 mm x H 121 mm
 File name : ITALO 2 UB 0F2H1 S05 4.7-5M.LDT

Efficiency factor : 100%
 Luminaire efficacy : 125.16 lm/W (A20)
 Light distribution : asymmetric
 Beam Angle : -- C0
 72.6° C90
 -- C180
 -- C270

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

1 Luminaire data

1.14 AEC ILLUMINAZIONE SRL, Q-DROME 2W8 STU-S 4.40... (Q-DROME 2W8 STU...)

1.14.1 Data sheet

Manufacturer: AEC ILLUMINAZIONE SRL

Q-DROME 2W8 STU-S 4.40-1M

Q-DROME 2W8 STU-S 4.40-1M

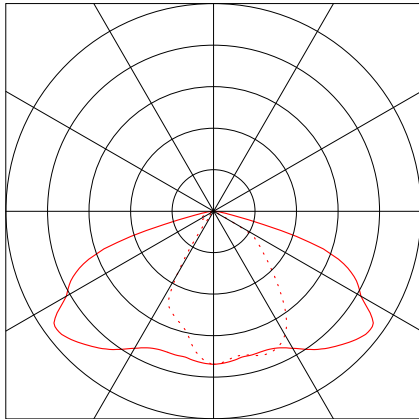
Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 129.09 lm/W
Classification : A40 ↓100.0% ↑0.0%
CIE Flux Codes : 47 81 98 100 100
UGR 4H 8H : 33.7 / 14.8
Power : 22 W
Luminous flux : 2840 lm

Equipped with

Quantity : 1
Designation :
Colour : 4000
Luminous flux : 2840 lm
Colour reproduction : 70

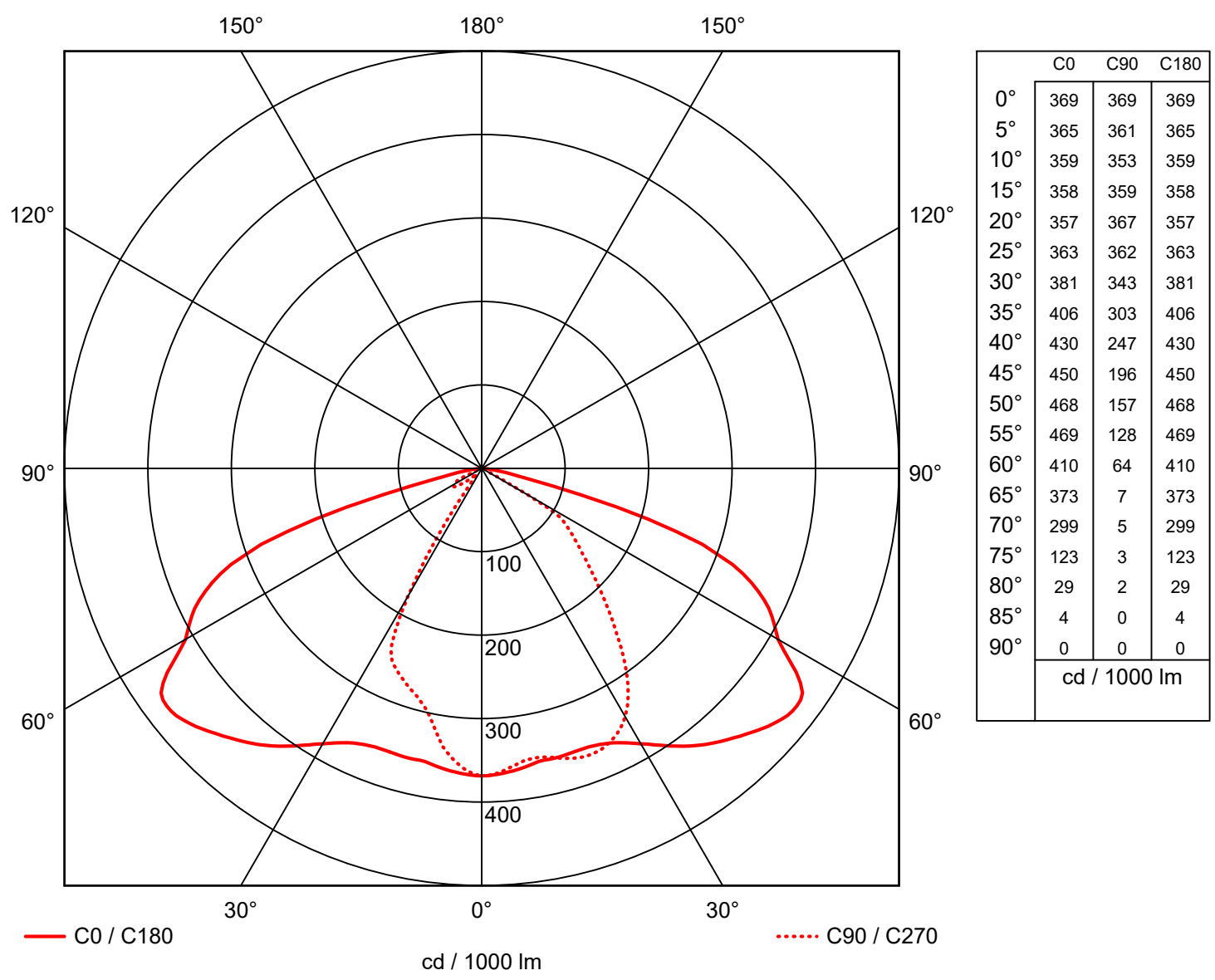
Dimensions : 365 mm x 305 mm x 75 mm



Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

1.14 AEC ILLUMINAZIONE SRL, Q-DROME 2W8 STU-S 4.40... (Q-DROME 2W8 STU...)

1.14.2 LDC



Manufacturer : AEC ILLUMINAZIONE SRL
 Order number : Q-DROME 2W8 STU-S 4.40-1M
 Luminaire name : Q-DROME 2W8 STU-S 4.40-1M
 Equipment : 1 x L-QDR-2W8-4000-400-1M-70-25
 Dimensions : L 365 mm x W 305 mm x H 75 mm
 File name : Q-DROME 2W8 STU-S 4.40-1M.LD`

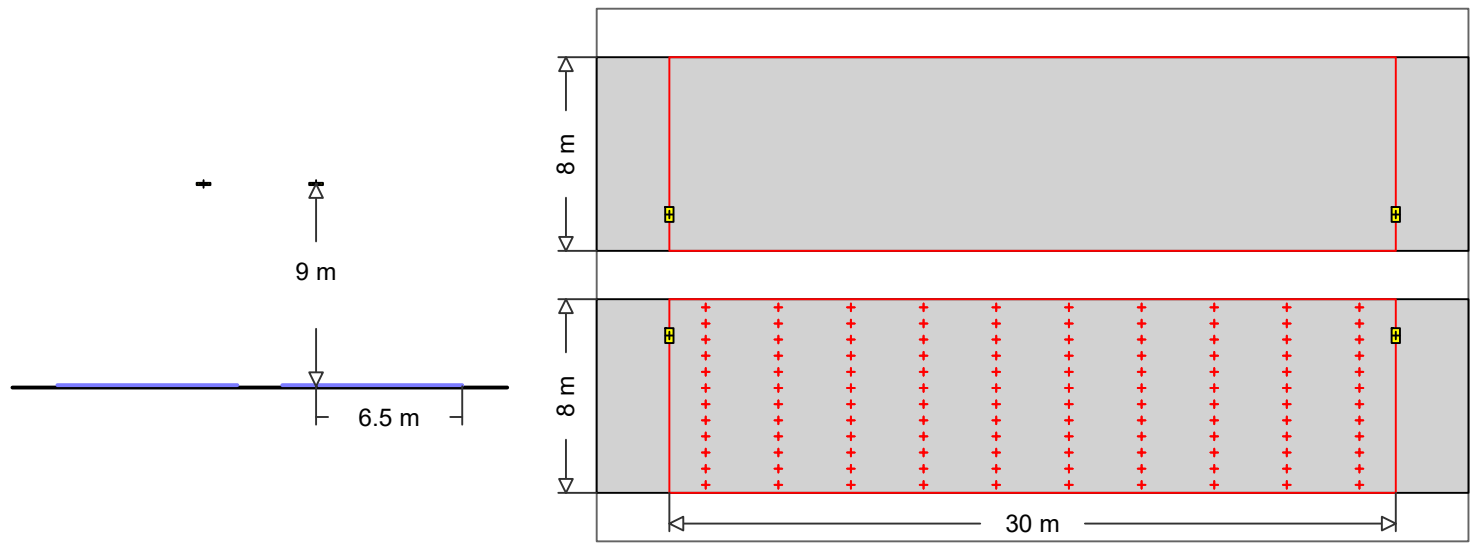
Efficiency factor : 100%
 Luminaire efficacy : 129.09 lm/W (A40)
 Light distribution : asymmetric
 Beam Angle : 72.2° C0
 40.8° C90
 72.2° C180
 27.0° C270

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019


2 Via Walter Lessini (ID 2455)

2.1 Summary, Via Walter Lessini (ID 2455)

2.1.1 Result overview, Via Walter Lessini (ID 2455)



AEC ILLUMINAZIONE SRL

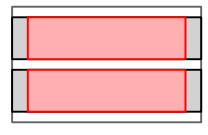
4  Order No. : ITALO 1 0F3 STE-M 4.7-4M
 Luminaire name : ITALO 1 0F3 STE-M 4.7-4M
 Equipment : 1 x L-IT1-0F3-4000-700-4M-70-25 102 W / 12550 lm

MyLumRow

Luminaire placing	: Central (two rows)	Maintenance factor	: 0.80
Luminaire spacing	: 30.00 m	Height (phot. centre)	: 9.00 m
Overhang	: 1.50 m	Tilt	: 0.00 °
Abs. position	: 6.50 m	Glare index class	: D3
Load/km	: 6800 W/km	Lum. intensity class	: G*4

Strada

Width	: 8.00 m	Lanes	: 4
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 30m x 8m (10 x 12 pts)

Observer

4 : x=-60.00m, y=7.00m, z=1.50m
 3 : x=-60.00m, y=5.00m, z=1.50m
 2 : x=-60.00m, y=3.00m, z=1.50m
 1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	UI	TI	Rei
4:(y=7.00)	1.58 cd/m ²	0.56	0.80	7	1.19
3:(y=5.00)	1.63 cd/m ²	0.56	0.83	8	
2:(y=3.00)	1.68 cd/m ²	0.56	0.80	8	
1:(y=1.00)	1.72 cd/m ²	0.58	0.81	7	0.84
M2	>= 1.50 cd/m ²	>= 0.40	>= 0.70	<= 10	>= 0.35

Illuminance

Calculation field: 30m x 8m (10 x 12 pts)

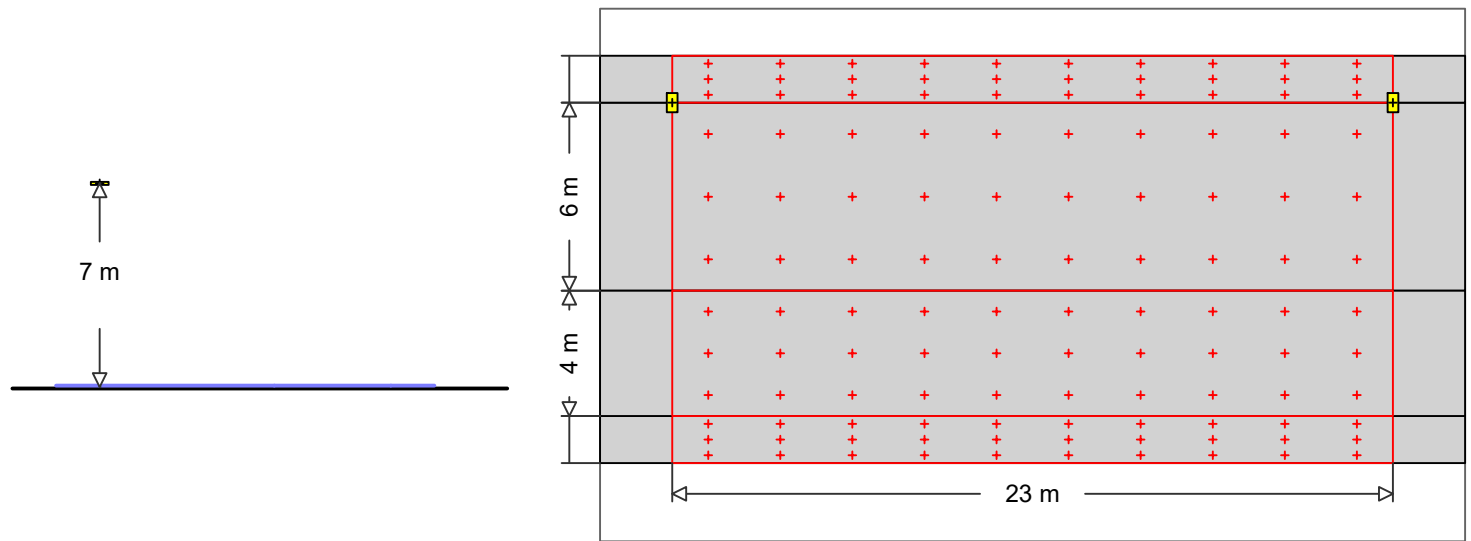
E_m	E_{min}	U_o	U_d
26 lx	11.7 lx	0.46	0.24

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

3 Via della Vittoria (ID 3072)

3.1 Summary, Via della Vittoria (ID 3072)

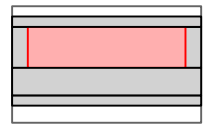
3.1.1 Result overview, Via della Vittoria (ID 3072)



8 AEC ILLUMINAZIONE SRL
 Order No. : ITALO 1 0F2H1 S05 4.5-4M
 Luminaire name : ITALO 1 0F2H1 S05 4.5-4M
 Equipment : 1 x L-IT1-0F2H1-4000-525-4M-70-25 57 W / 7150 lm

MyLumRow
 Luminaire placing : Left row
 Luminaire spacing : 23.00 m
 Overhang : 0.00 m
 Abs. position : 6.00 m
 Load/km : 2478 W/km
 Maintenance factor : 0.80
 Height (phot. centre) : 7.00 m
 Tilt : 0.00 °
 Glare index class : D4
 Lum. intensity class : G*2

Strada
 Width : 6.00 m
 Surface : CIE C2, q0=0.07
 Lanes : 1
 Surface (wet) : -none-, q0=0.1



Luminance Calculation field: 23m x 6m (10 x 3 pts)

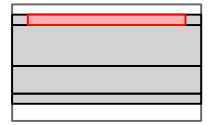
Observer
 1 : x=-60.00m, y=3.00m, z=1.50m

Lane	\bar{L}_m	U_o	UI	TI	Rei
1:(y=3.00)	1.01 cd/m ²	0.59	0.76	7	0.38
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

Illuminance Calculation field: 23m x 6m (10 x 3 pts)

\bar{E}_m	E_{min}	U_o	Ud
15.6 lx	8.84 lx	0.57	0.31

Marciaiede (Sidewalk, left)
 Width : 1.50 m
 Kerb distance : 0.00 m
 Abs. position : 6.00 m



Illuminance Calculation field: 23m x 1.5m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

3 Via della Vittoria (ID 3072)

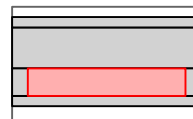
3.1 Summary, Via della Vittoria (ID 3072)

3.1.1 Result overview, Via della Vittoria (ID 3072)

	\bar{E}_m	E_{min}	U_o	U_d
	8.36 lx	3.62 lx	0.43	0.24
P3	>= 7.50 lx	>= 1.50 lx		

Parcheggio (Sidewalk, right)

Width : 4.00 m
 Kerb distance : 0.00 m Abs. position : -0.00 m



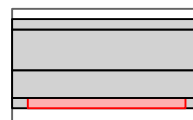
Illuminance

Calculation field: 23m x 4m (10 x 3 pts)

	\bar{E}_m	E_{min}	U_o	U_d
	11.9 lx	9.29 lx	0.78	0.62
P2	>= 10.0 lx	>= 2.00 lx		

Marciaiede (Sidewalk, right)

Width : 1.50 m
 Kerb distance : 4.00 m Abs. position : -4.00 m



Illuminance

Calculation field: 23m x 1.5m (10 x 3 pts)

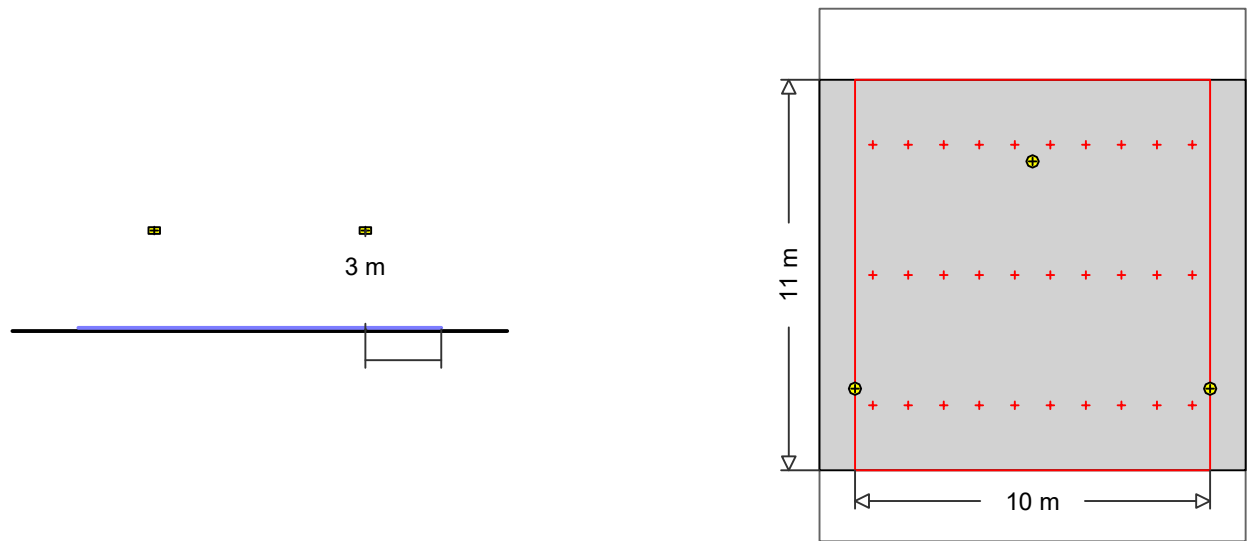
	\bar{E}_m	E_{min}	U_o	U_d
	8.91 lx	7.74 lx	0.87	0.75
P3	>= 7.50 lx	>= 1.50 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

4 Corso Cornelio Tacito (ID 3400-3401)

4.1 Summary, Corso Cornelio Tacito (ID 3400-3401)

4.1.1 Result overview, Corso Cornelio Tacito (ID 3400-3401)



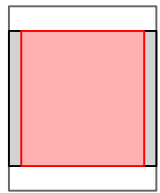
6  **AEC ILLUMINAZIONE SRL**
 Order No. : ARTELYS 350 0F2H1 S05 4.5-1M
 Luminaire name : ARTELYS 350 0F2H1 S05 4.5-1M
 Equipment : 1 x L-ART-0F2H1-4000-500-1M-70-25 16 W / 1840 lm

MyLumRow
 Luminaire placing : Staggered layout Maintenance factor : 0.80
 Luminaire spacing : 10.00 m Height (phot. centre) : 3.00 m
 Overhang : 2.30 m Tilt : 0.00 °
 Abs. position : 2.30 m Glare index class : D4
 Load/km : 3200 W/km Lum. intensity class : G*2

Strada
 Width : 11.00 m Lanes : 1
 Surface : CIE C2, q0=0.07 Surface (wet) : -none-, q0=0.1

Illuminance Calculation field: 10m x 11m (10 x 3 pts)

\bar{E}_m	E_{min}	U_o	U_d
23 lx	10.8 lx	0.47	0.28
C4	≥ 10.0 lx	≥ 0.40	

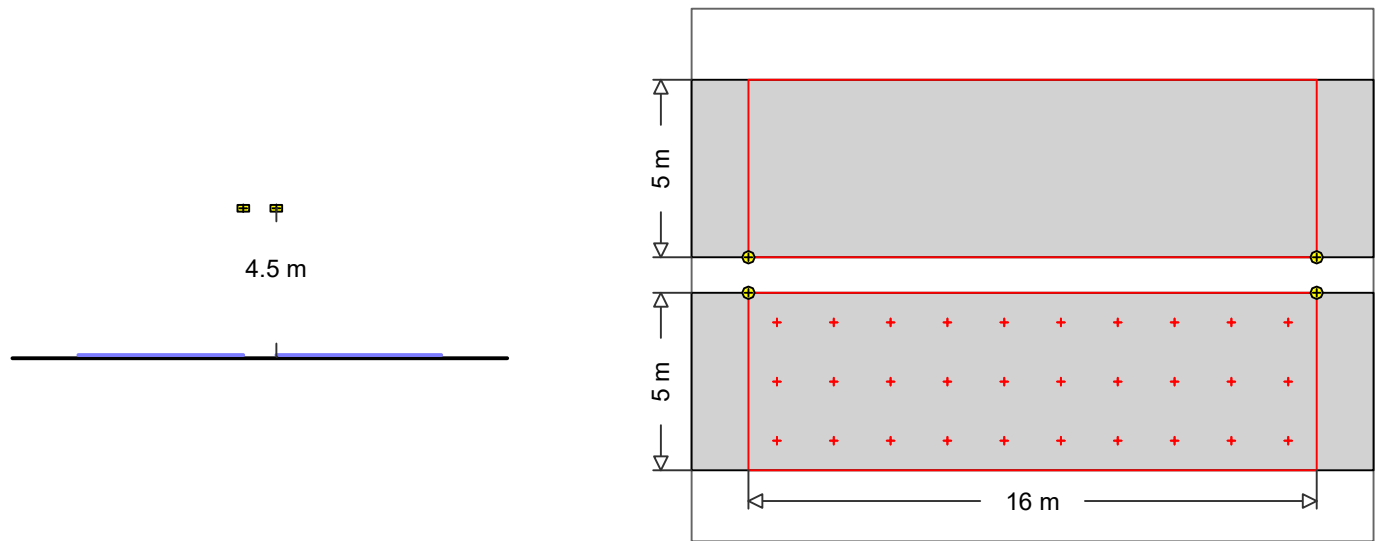


Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

5 Via Goldoni (ID 3418)

5.1 Summary, Via Goldoni (ID 3418)

5.1.1 Result overview, Via Goldoni (ID 3418)

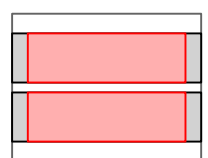


7  **AEC ILLUMINAZIONE SRL**
 Order No. : ARTELYS 350 0F2H1 STU-M 4.5-1M
 Luminaire name : ARTELYS 350 0F2H1 STU-M 4.5-1M
 Equipment : 1 x L-ART-0F2H1-4000-500-1M-70-25 16 W / 1840 lm

MyLumRow
 Luminaire placing : Central (two rows) Maintenance factor : 0.80
 Luminaire spacing : 16.00 m Height (phot. centre) : 4.50 m
 Overhang : 0.00 m Tilt : 0.00 °
 Abs. position : 5.00 m Glare index class : D3
 Load/km : 2000 W/km Lum. intensity class : G*2

Strada
 Width : 5.00 m Lanes : 1
 Surface : CIE C2, q0=0.07 Surface (wet) : -none-, q0=0.1

Illuminance Calculation field: 16m x 5m (10 x 3 pts)
 \bar{E}_m E_{min} U_o U_d
 13.6 lx 9.05 lx 0.67 0.29
 C4 ≥ 10.0 lx ≥ 0.40

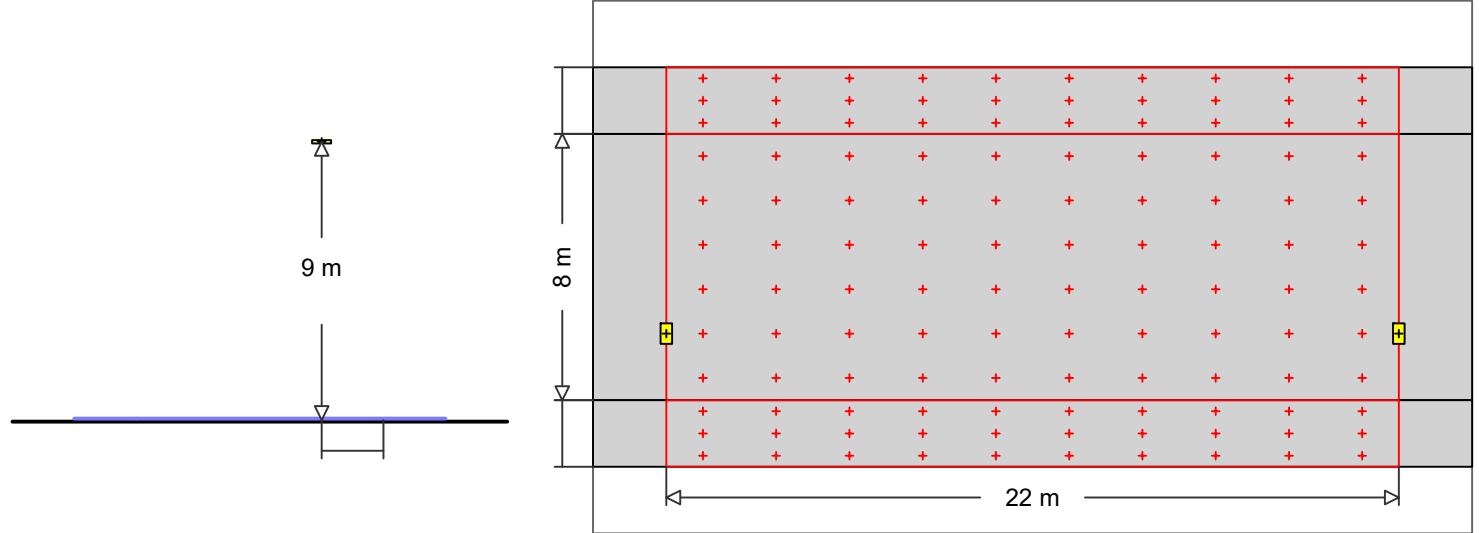


Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

6 Viale Trieste (ID 2017)

6.1 Summary, Viale Trieste (ID 2017)

6.1.1 Result overview, Viale Trieste (ID 2017)



AEC ILLUMINAZIONE SRL

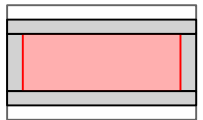
9 Order No. : ITALO 1 0F3 STE-M 4.7-3M
 Luminaire name : ITALO 1 0F3 STE-M 4.7-3M
 Equipment : 1 x L-IT1-0F3-4000-700-3M-70-25 76 W / 9420 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.80
Luminaire spacing	: 22.00 m	Height (phot. centre)	: 9.00 m
Overhang	: 2.00 m	Tilt	: 0.00 °
Abs. position	: 2.00 m	Glare index class	: D4
Load/km	: 3455 W/km	Lum. intensity class	: G*4

Strada

Width	: 8.00 m	Lanes	: 2
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 22m x 8m (10 x 6 pts)

Observer

2 : x=-60.00m, y=6.00m, z=1.50m

1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	UI	TI	Rei
2:(y=6.00)	1.61 cd/m ²	0.62	0.81	6	0.70
1:(y=2.00)	1.54 cd/m ²	0.68	0.81	5	0.33
M2	>= 1.50 cd/m ²	>= 0.40	>= 0.70	<= 10	>= 0.35

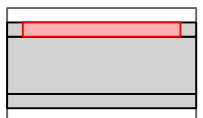
Illuminance

Calculation field: 22m x 8m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	Ud
24 lx	12.1 lx	0.50	0.32

Marciapiede (Sidewalk, left)

Width	: 2.00 m	Abs. position	: 8.00 m
Kerb distance	: 0.00 m		



Illuminance

Calculation field: 22m x 2m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

6 Viale Trieste (ID 2017)

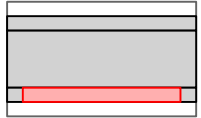
6.1 Summary, Viale Trieste (ID 2017)

6.1.1 Result overview, Viale Trieste (ID 2017)

	\bar{E}_m	E_{min}	U_o	U_d
	19.3 lx	17.2 lx	0.89	0.73
P1	≥ 15.0 lx	≥ 3.00 lx		

Marciapiede (Sidewalk, right)

Width : 2.00 m
 Kerb distance : 0.00 m Abs. position : -0.00 m



Illuminance

Calculation field: 22m x 2m (10 x 3 pts)

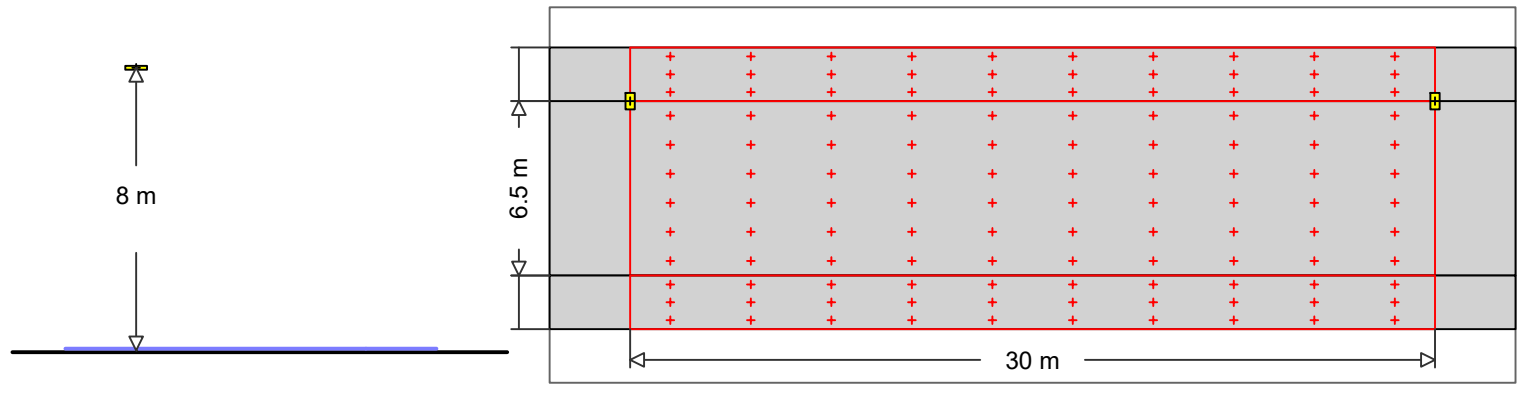
	\bar{E}_m	E_{min}	U_o	U_d
	12.9 lx	5.43 lx	0.42	0.22
P2	≥ 10.0 lx	≥ 2.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

7 Via Annamaria Mozzoni (ID 1896)

7.1 Summary, Via Annamaria Mozzoni (ID 1896)

7.1.1 Result overview, Via Annamaria Mozzoni (ID 1896)



AEC ILLUMINAZIONE SRL

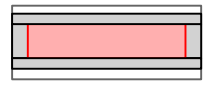
2
 Order No. : ITALO 1 0F3 STW 4.5-4M
 Luminaire name : ITALO 1 0F3 STW 4.5-4M
 Equipment : 1 x L-IT1-0F3-4000-525-4M-70-25 76 W / 9950 lm

MyLumRow

Luminaire placing	: Left row	Maintenance factor	: 0.80
Luminaire spacing	: 30.00 m	Height (phot. centre)	: 8.00 m
Overhang	: 0.00 m	Tilt	: 0.00 °
Abs. position	: 6.50 m	Glare index class	: D3
Load/km	: 2533 W/km	Lum. intensity class	: G*3

Strada

Width	: 6.50 m	Lanes	: 2
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 30m x 6.5m (10 x 6 pts)

Observer

2 : x=-60.00m, y=4.88m, z=1.50m
 1 : x=-60.00m, y=1.63m, z=1.50m

Lane	\bar{L}_m	U_o	U_I	T_I	Re_i
2:(y=4.88)	1.23 cd/m ²	0.67	0.84	10	0.70
1:(y=1.63)	1.31 cd/m ²	0.67	0.70	9	0.78
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

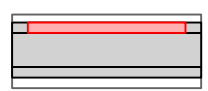
Illuminance

Calculation field: 30m x 6.5m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
19.5 lx	8.47 lx	0.43	0.24

Marciaiede (Sidewalk, left)

Width	: 2.00 m	Abs. position	: 6.50 m
Kerb distance	: 0.00 m		



Illuminance

Calculation field: 30m x 2m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

7 Via Annamaria Mozzoni (ID 1896)

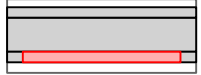
7.1 Summary, Via Annamaria Mozzoni (ID 1896)

7.1.1 Result overview, Via Annamaria Mozzoni (ID 1896)

	\bar{E}_m	E_{min}	U_o	U_d
	15.1 lx	4.58 lx	0.30	0.14
P1	≥ 15.0 lx	≥ 3.00 lx		

Aiuola (Sidewalk, right)

Width : 2.00 m
Kerb distance : 0.00 m Abs. position : -0.00 m



Illuminance

Calculation field: 30m x 2m (10 x 3 pts)

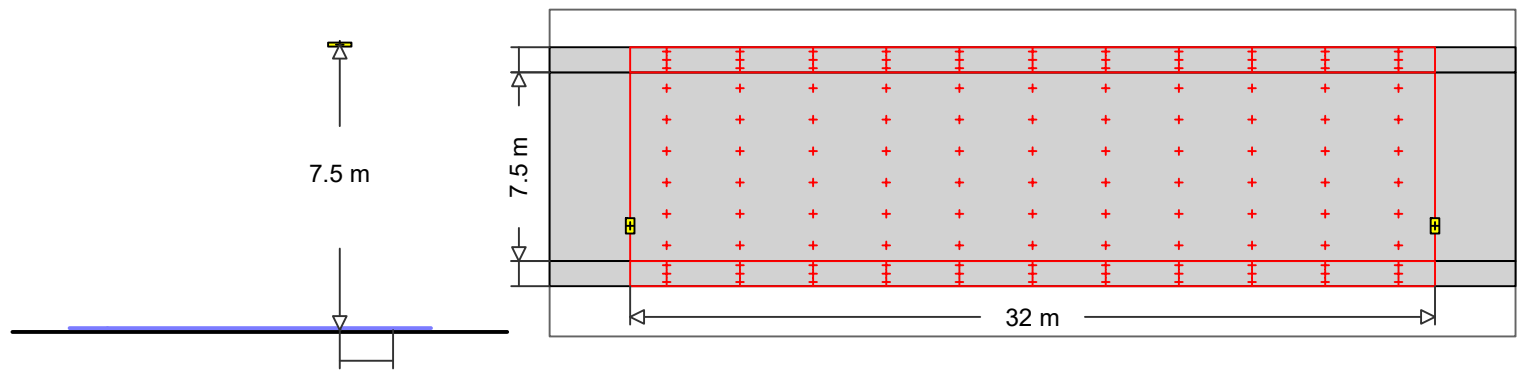
	\bar{E}_m	E_{min}	U_o	U_d
	17.1 lx	13.0 lx	0.76	0.56
P1	≥ 15.0 lx	≥ 3.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

8 Via Montesanto (ID 2045)

8.1 Summary, Via Montesanto (ID 2045)

8.1.1 Result overview, Via Montesanto (ID 2045)



AEC ILLUMINAZIONE SRL

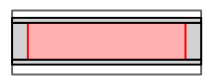
9 Order No. : ITALO 1 0F3 STE-M 4.7-3M
 Luminaire name : ITALO 1 0F3 STE-M 4.7-3M
 Equipment : 1 x L-IT1-0F3-4000-700-3M-70-25 76 W / 9420 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.80
Luminaire spacing	: 32.00 m	Height (phot. centre)	: 7.50 m
Overhang	: 1.40 m	Tilt	: 0.00 °
Abs. position	: 1.40 m	Glare index class	: D4
Load/km	: 2375 W/km	Lum. intensity class	: G*4

Strada

Width	: 7.50 m	Lanes	: 2
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 32m x 7.5m (11 x 6 pts)

Observer

2 : x=-60.00m, y=5.63m, z=1.50m
 1 : x=-60.00m, y=1.88m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	T_l	Re_i
2:(y=5.63)	1.30 cd/m ²	0.53	0.63	9	0.59
1:(y=1.88)	1.24 cd/m ²	0.54	0.63	10	0.33
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

Illuminance

Calculation field: 32m x 7.5m (11 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
19.7 lx	5.64 lx	0.29	0.12

Marciaiede (Sidewalk, left)

Width	: 1.00 m	Abs. position	: 7.50 m
Kerb distance	: 0.00 m		



Illuminance

Calculation field: 32m x 1m (11 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

8 Via Montesanto (ID 2045)

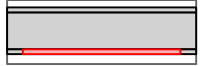
8.1 Summary, Via Montesanto (ID 2045)

8.1.1 Result overview, Via Montesanto (ID 2045)

	\bar{E}_m	E_{min}	U_o	U_d
	14.6 lx	9.36 lx	0.64	0.43
P2	≥ 10.0 lx	≥ 2.00 lx		

Marciapiede (Sidewalk, right)

Width : 1.00 m
Kerb distance : 0.00 m Abs. position : -0.00 m



Illuminance

Calculation field: 32m x 1m (11 x 3 pts)

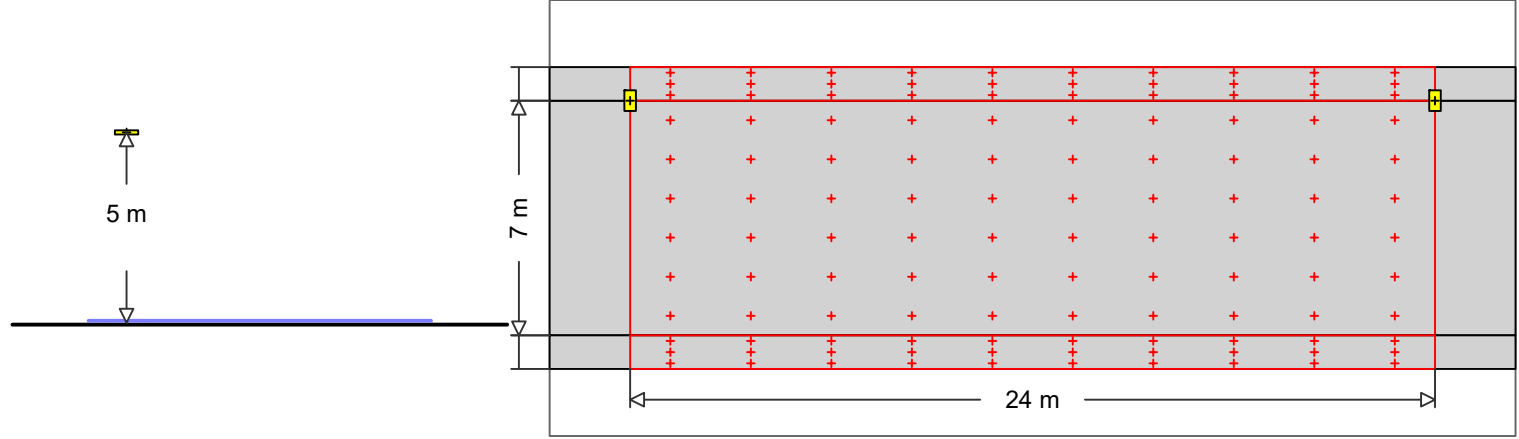
	\bar{E}_m	E_{min}	U_o	U_d
	13.9 lx	3.02 lx	0.22	0.09
P2	≥ 10.0 lx	≥ 2.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

9 Via Tagliamento (ID 2089)

9.1 Summary, Via Tagliamento (ID 2089)

9.1.1 Result overview, Via Tagliamento (ID 2089)



AEC ILLUMINAZIONE SRL

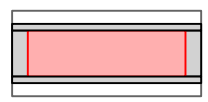
10
 Order No. : ITALO 1 0F2H1 S05 4.7-3M
 Luminaire name : ITALO 1 0F2H1 S05 4.7-3M
 Equipment : 1 x L-IT1-0F2H1-4000-700-3M-70-25 58 W / 7030 lm

MyLumRow

Luminaire placing	: Left row	Maintenance factor	: 0.80
Luminaire spacing	: 24.00 m	Height (phot. centre)	: 5.00 m
Overhang	: 0.00 m	Tilt	: 0.00 °
Abs. position	: 7.00 m	Glare index class	: D4
Load/km	: 2417 W/km	Lum. intensity class	: G*2

Strada

Width	: 7.00 m	Lanes	: 2
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 24m x 7m (10 x 6 pts)
 Observer
 2 : x=-60.00m, y=5.25m, z=1.50m
 1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_I	T_I	Re_i
2:(y=5.25)	1.08 cd/m ²	0.45	0.47	16	0.42
1:(y=1.75)	1.15 cd/m ²	0.43	0.50	7	0.59
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

Illuminance

Calculation field: 24m x 7m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
18.6 lx	6.07 lx	0.33	0.12

Marcia piede (Sidewalk, left)

Width	: 1.00 m	Abs. position	: 7.00 m
Kerb distance	: 0.00 m		



Illuminance

Calculation field: 24m x 1m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

9 Via Tagliamento (ID 2089)

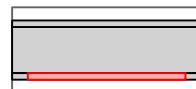
9.1 Summary, Via Tagliamento (ID 2089)

9.1.1 Result overview, Via Tagliamento (ID 2089)

	\bar{E}_m	E_{min}	U_o	U_d
	11.1 lx	3.44 lx	0.31	0.13
P2	≥ 10.0 lx	≥ 2.00 lx		

Marciapiede (Sidewalk, right)

Width : 1.00 m
 Kerb distance : 0.00 m Abs. position : -0.00 m



Illuminance

Calculation field: 24m x 1m (10 x 3 pts)

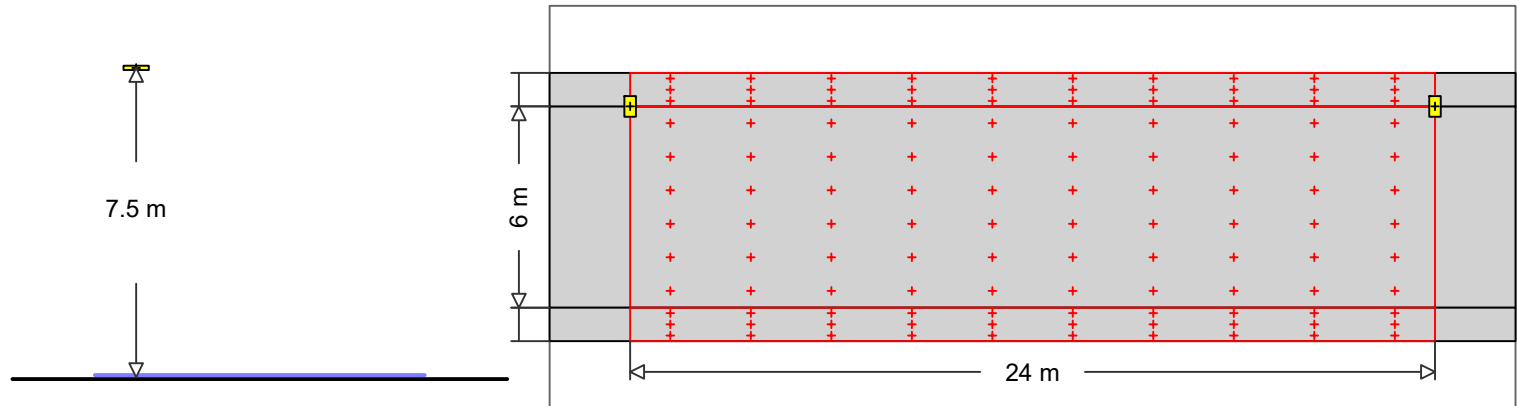
	\bar{E}_m	E_{min}	U_o	U_d
	12.1 lx	6.56 lx	0.54	0.38
P2	≥ 10.0 lx	≥ 2.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

10 Via Timavo (ID 2158)

10.1 Summary, Via Timavo (ID 2158)

10.1.1 Result overview, Via Timavo (ID 2158)



AEC ILLUMINAZIONE SRL

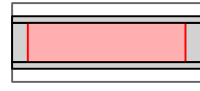
3
 Order No. : ITALO 1 0F3 STW 4.7-2M
 Luminaire name : ITALO 1 0F3 STW 4.7-2M
 Equipment : 1 x L-IT1-0F3-4000-700-2M-70-25 52 W / 6530 lm

MyLumRow

Luminaire placing	: Left row	Maintenance factor	: 0.80
Luminaire spacing	: 24.00 m	Height (phot. centre)	: 7.50 m
Overhang	: 0.00 m	Tilt	: 0.00 °
Abs. position	: 6.00 m	Glare index class	: D4
Load/km	: 2167 W/km	Lum. intensity class	: G*3

Strada

Width	: 6.00 m	Lanes	: 2
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 24m x 6m (10 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m
 1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	T_l	Re_i
2:(y=4.50)	1.08 cd/m ²	0.68	0.84	8	0.71
1:(y=1.50)	1.15 cd/m ²	0.68	0.78	8	0.79
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

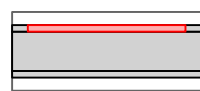
Illuminance

Calculation field: 24m x 6m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
17.1 lx	8.56 lx	0.50	0.31

Marcia piede (Sidewalk, left)

Width	: 1.00 m	Abs. position	: 6.00 m
Kerb distance	: 0.00 m		



Illuminance

Calculation field: 24m x 1m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

10 Via Timavo (ID 2158)

10.1 Summary, Via Timavo (ID 2158)

10.1.1 Result overview, Via Timavo (ID 2158)

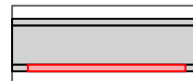
	\bar{E}_m	E_{min}	U_o	U_d
	13.9 lx	6.31 lx	0.45	0.25
P2	≥ 10.0 lx	≥ 2.00 lx		

Marciapiede (Sidewalk, right)

Width : 1.00 m

Kerb distance : 0.00 m

Abs. position : -0.00 m



Illuminance

Calculation field: 24m x 1m (10 x 3 pts)

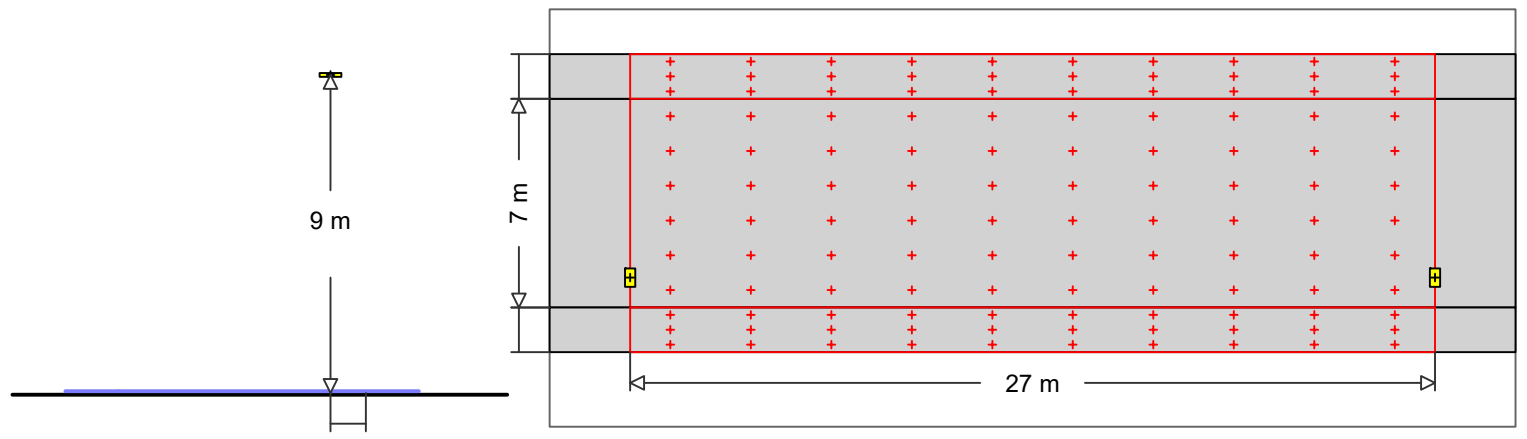
	\bar{E}_m	E_{min}	U_o	U_d
	16.1 lx	14.4 lx	0.89	0.76
P1	≥ 15.0 lx	≥ 3.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

11 Via A. Guazzaroni (ID 1718)

11.1 Summary, Via A. Guazzaroni (ID 1718)

11.1.1 Result overview, Via A. Guazzaroni (ID 1718)



AEC ILLUMINAZIONE SRL

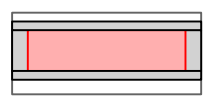
11 Order No. : ITALO 1 0F3 STW 4.7-3M
 Luminaire name : ITALO 1 0F3 STW 4.7-3M
 Equipment : 1 x L-IT1-0F3-4000-700-3M-70-25 76 W / 9420 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.80
Luminaire spacing	: 27.00 m	Height (phot. centre)	: 9.00 m
Overhang	: 1.00 m	Tilt	: 0.00 °
Abs. position	: 1.00 m	Glare index class	: D3
Load/km	: 2815 W/km	Lum. intensity class	: G*3

Strada

Width	: 7.00 m	Lanes	: 2
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 27m x 7m (10 x 6 pts)
 Observer
 2 : x=-60.00m, y=5.25m, z=1.50m
 1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	T_l	Re_i
2:(y=5.25)	1.22 cd/m ²	0.76	0.91	8	0.90
1:(y=1.75)	1.15 cd/m ²	0.73	0.76	6	0.58
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

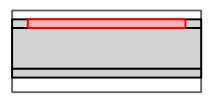
Illuminance

Calculation field: 27m x 7m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
17.8 lx	8.32 lx	0.47	0.29

Marcia piede (Sidewalk, left)

Width	: 1.50 m	Abs. position	: 7.00 m
Kerb distance	: 0.00 m		



Illuminance

Calculation field: 27m x 1.5m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

11 Via A. Guazzaroni (ID 1718)

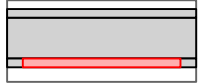
11.1 Summary, Via A. Guazzaroni (ID 1718)

11.1.1 Result overview, Via A. Guazzaroni (ID 1718)

	\bar{E}_m	E_{min}	U_o	U_d
	18.1 lx	16.2 lx	0.90	0.77
P1	≥ 15.0 lx	≥ 3.00 lx		

Marciapiede (Sidewalk, right)

Width : 1.50 m
Kerb distance : 0.00 m Abs. position : -0.00 m



Illuminance

Calculation field: 27m x 1.5m (10 x 3 pts)

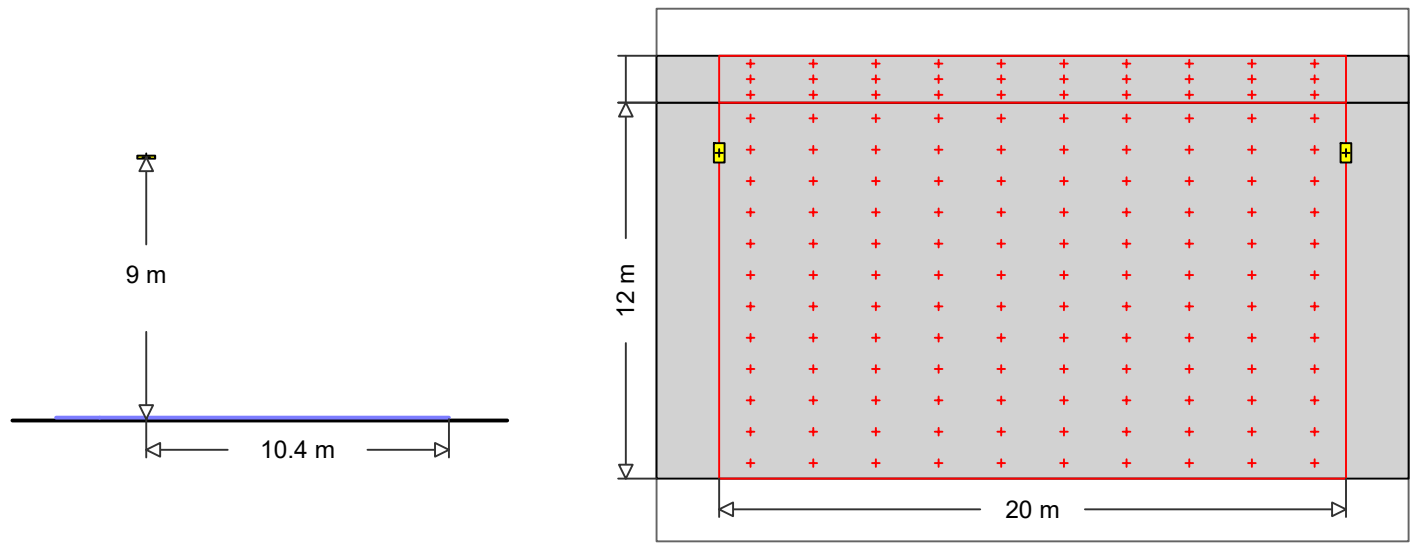
	\bar{E}_m	E_{min}	U_o	U_d
	13.1 lx	5.56 lx	0.42	0.24
P2	≥ 10.0 lx	≥ 2.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019


12 Via Irma Bandiera (ID 1806)

12.1 Summary, Via Irma Bandiera (ID 1806)

12.1.1 Result overview, Via Irma Bandiera (ID 1806)



AEC ILLUMINAZIONE SRL

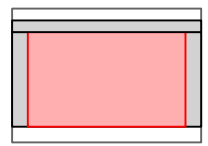
12  Order No. : ITALO 1 0F3 STW 4.7-4M
 Luminaire name : ITALO 1 0F3 STW 4.7-4M
 Equipment : 1 x L-IT1-0F3-4000-700-4M-70-25 102 W / 12550 lm

MyLumRow

Luminaire placing	: Left row	Maintenance factor	: 0.80
Luminaire spacing	: 20.00 m	Height (phot. centre)	: 9.00 m
Overhang	: 1.60 m	Tilt	: 0.00 °
Abs. position	: 10.40 m	Glare index class	: D3
Load/km	: 5100 W/km	Lum. intensity class	: G*3

Strada

Width	: 12.00 m	Lanes	: 4
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 20m x 12m (10 x 12 pts)

Observer

- 4 : x=-60.00m, y=10.50m, z=1.50m
- 3 : x=-60.00m, y=7.50m, z=1.50m
- 2 : x=-60.00m, y=4.50m, z=1.50m
- 1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	UI	TI	Rei
4:(y=10.50)	1.76 cd/m ²	0.56	0.78	5	0.55
3:(y=7.50)	1.83 cd/m ²	0.55	0.87	8	
2:(y=4.50)	1.90 cd/m ²	0.54	0.88	7	
1:(y=1.50)	1.97 cd/m ²	0.53	0.91	4	0.51
M2	>= 1.50 cd/m ²	>= 0.40	>= 0.70	<= 10	>= 0.35

Illuminance

Calculation field: 20m x 12m (10 x 12 pts)

E_m	E_{min}	U_o	U_d
30 lx	17.5 lx	0.58	0.41

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

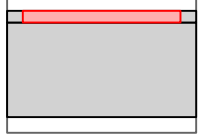
12 Via Irma Bandiera (ID 1806)

12.1 Summary, Via Irma Bandiera (ID 1806)

12.1.1 Result overview, Via Irma Bandiera (ID 1806)

Marciaiede (Sidewalk, left)

Width : 1.50 m
Kerb distance : 0.00 m Abs. position : 12.00 m



Illuminance

Calculation field: 20m x 1.5m (10 x 3 pts)

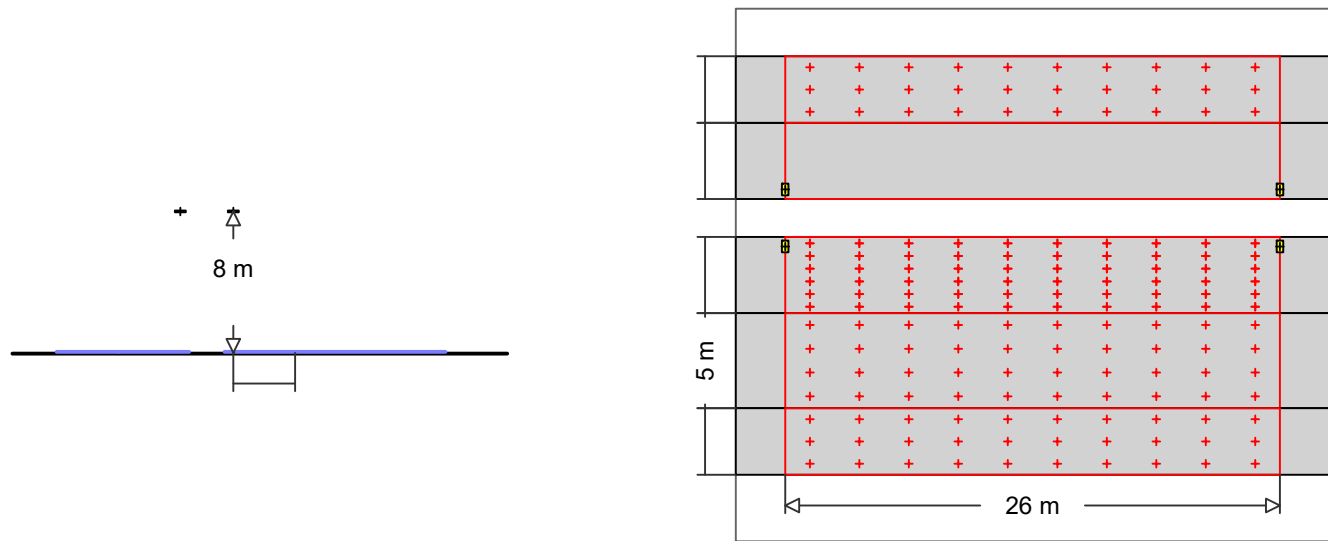
	\bar{E}_m	E_{min}	U_o	U_d
	21 lx	13.5 lx	0.63	0.43
P1	≥ 15.0 lx	≥ 3.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

13 Via Palestro (ID 2206)

13.1 Summary, Via Palestro (ID 2206)

13.1.1 Result overview, Via Palestro (ID 2206)



AEC ILLUMINAZIONE SRL

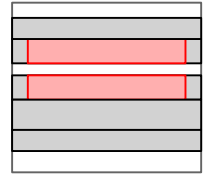
5
 Order No. : ITALO 1 0F3 STE-M 4.5-2M
 Luminaire name : ITALO 1 0F3 STE-M 4.5-2M
 Equipment : 1 x L-IT1-0F3-4000-525-2M-70-25 39 W / 5160 lm

MyLumRow

Luminaire placing	: Central (two rows)	Maintenance factor	: 0.80
Luminaire spacing	: 26.00 m	Height (phot. centre)	: 8.00 m
Overhang	: 0.50 m	Tilt	: 0.00 °
Abs. position	: 3.50 m	Glare index class	: D4
Load/km	: 3000 W/km	Lum. intensity class	: G*4

Strada

Width	: 4.00 m	Lanes	: 2
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 26m x 4m (10 x 6 pts)
 Observer
 2 : x=-60.00m, y=3.00m, z=1.50m
 1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	Tl	Rei
2:(y=3.00)	1.06 cd/m ²	0.69	0.78	6	1.15
1:(y=1.00)	1.11 cd/m ²	0.72	0.79	7	0.82
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

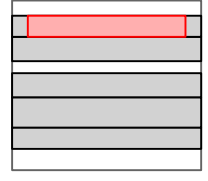
Illuminance

Calculation field: 26m x 4m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
16.0 lx	8.15 lx	0.51	0.24

Zona limite (Sidewalk, left)

Width	: 3.50 m	Abs. position	: 10.00 m
Kerb distance	: 0.00 m		



Illuminance

Calculation field: 26m x 3.5m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

13 Via Palestro (ID 2206)

13.1 Summary, Via Palestro (ID 2206)

13.1.1 Result overview, Via Palestro (ID 2206)

	\bar{E}_m	E_{min}	U_o	U_d
	11.5 lx	9.11 lx	0.79	0.49
P2	≥ 10.0 lx	≥ 2.00 lx		

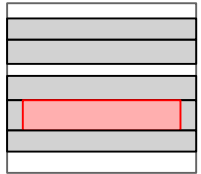
Parcheggio (Sidewalk, right)

Width : 5.00 m
 Kerb distance : 0.00 m Abs. position : -0.00 m

Illuminance

Calculation field: 26m x 5m (10 x 4 pts)

	\bar{E}_m	E_{min}	U_o	U_d
	10.6 lx	8.02 lx	0.76	0.43
P3	≥ 7.50 lx	≥ 1.50 lx		



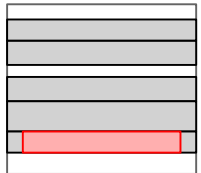
Marciapiede (Sidewalk, right)

Width : 3.50 m
 Kerb distance : 5.00 m Abs. position : -5.00 m

Illuminance

Calculation field: 26m x 3.5m (10 x 3 pts)

	\bar{E}_m	E_{min}	U_o	U_d
	4.66 lx	2.64 lx	0.57	0.39
P4	≥ 5.00 lx	≥ 1.00 lx		

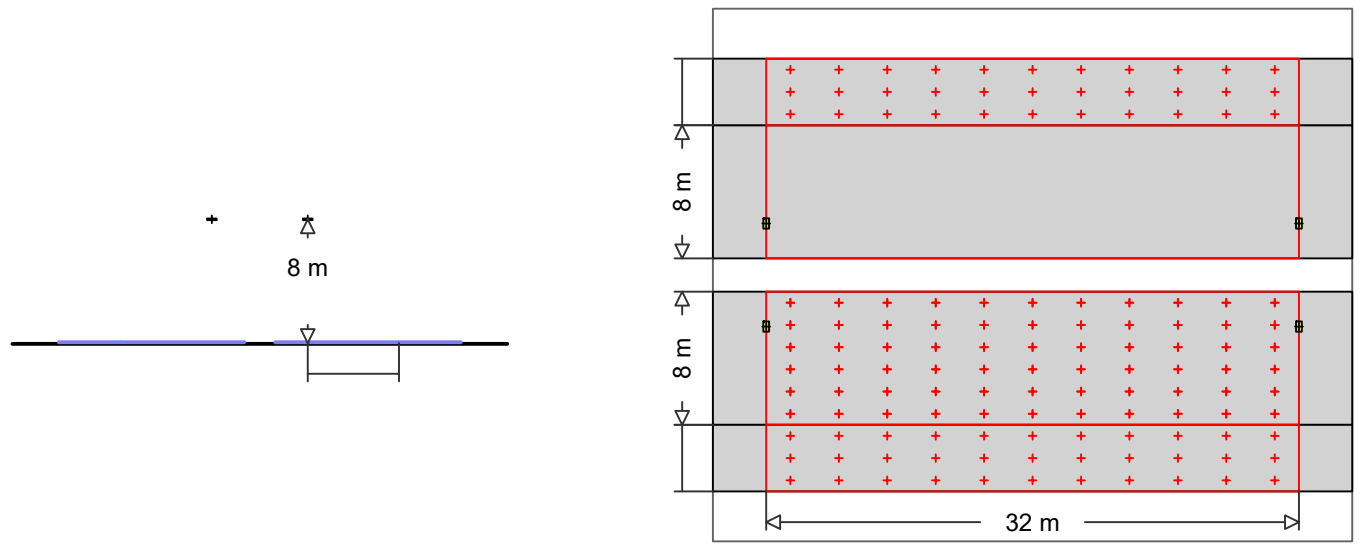


Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

14 Viale Filippo Turati (ID 2415)

14.1 Summary, Viale Filippo Turati (ID 2415)

14.1.1 Result overview, Viale Filippo Turati (ID 2415)



AEC ILLUMINAZIONE SRL
 Order No. : ITALO 1 0F3 STE-M 4.7-4M
 Luminaire name : ITALO 1 0F3 STE-M 4.7-4M
 Equipment : 1 x L-IT1-0F3-4000-700-4M-70-25 102 W / 12550 lm

MyLumRow
 Luminaire placing : Central (two rows)
 Luminaire spacing : 32.00 m
 Overhang : 2.10 m
 Abs. position : 5.90 m
 Load/km : 6375 W/km
 Maintenance factor : 0.80
 Height (phot. centre) : 8.00 m
 Tilt : 0.00 °
 Glare index class : D3
 Lum. intensity class : G*4

Strada
 Width : 8.00 m
 Surface : CIE C2, q0=0.07
 Lanes : 2
 Surface (wet) : -none-, q0=0.1

Luminance Calculation field: 32m x 8m (11 x 6 pts)

Observer
 2 : x=-60.00m, y=6.00m, z=1.50m
 1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	T_l	Re_i
2:(y=6.00)	1.60 cd/m ²	0.57	0.71	9	0.84
1:(y=2.00)	1.67 cd/m ²	0.51	0.69	10	0.63
M2	>= 1.50 cd/m ²	>= 0.40	>= 0.70	<= 10	>= 0.35

Illuminance Calculation field: 32m x 8m (11 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
25 lx	7.60 lx	0.30	0.13

Marcia piede (Sidewalk, left)
 Width : 4.00 m
 Kerb distance : 0.00 m
 Abs. position : 18.00 m

Illuminance Calculation field: 32m x 4m (11 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

14 Viale Filippo Turati (ID 2415)

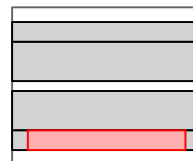
14.1 Summary, Viale Filippo Turati (ID 2415)

14.1.1 Result overview, Viale Filippo Turati (ID 2415)

	\bar{E}_m	E_{min}	U_o	U_d
	16.0 lx	10.2 lx	0.64	0.38
P1	≥ 15.0 lx	≥ 3.00 lx		

Marciapiede (Sidewalk, right)

Width : 4.00 m
 Kerb distance : 0.00 m Abs. position : -0.00 m



Illuminance

Calculation field: 32m x 4m (11 x 3 pts)

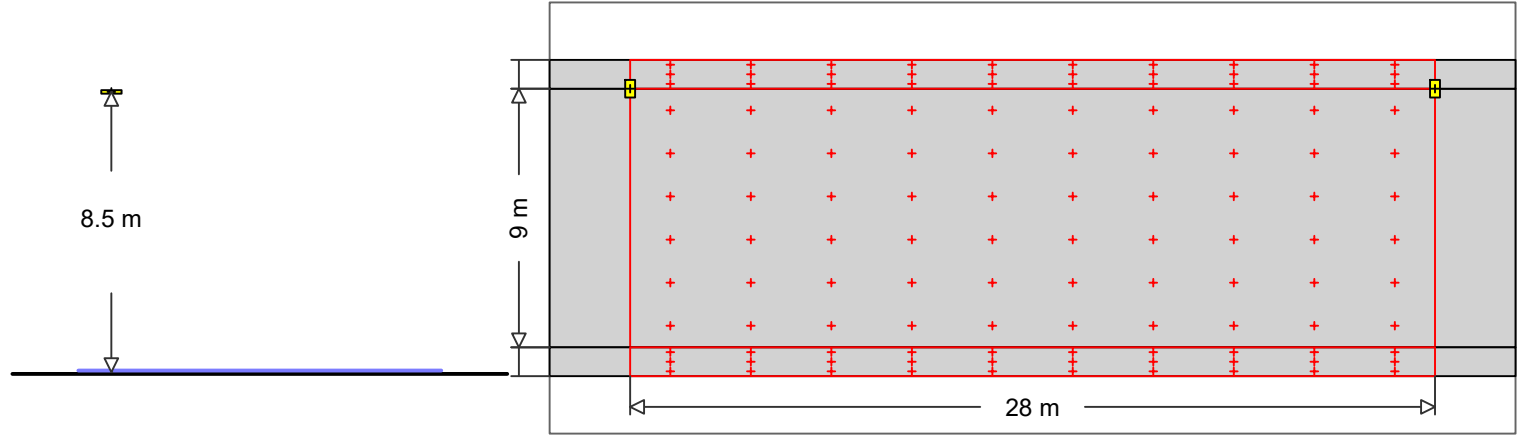
	\bar{E}_m	E_{min}	U_o	U_d
	16.0 lx	10.2 lx	0.64	0.38
P1	≥ 15.0 lx	≥ 3.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

15 Via Adriano Garofoli (ID 2902)

15.1 Summary, Via Adriano Garofoli (ID 2902)

15.1.1 Result overview, Via Adriano Garofoli (ID 2902)



AEC ILLUMINAZIONE SRL

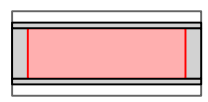
2
 Order No. : ITALO 1 0F3 STW 4.5-4M
 Luminaire name : ITALO 1 0F3 STW 4.5-4M
 Equipment : 1 x L-IT1-0F3-4000-525-4M-70-25 76 W / 9950 lm

MyLumRow

Luminaire placing	: Left row	Maintenance factor	: 0.80
Luminaire spacing	: 28.00 m	Height (phot. centre)	: 8.50 m
Overhang	: 0.00 m	Tilt	: 0.00 °
Abs. position	: 9.00 m	Glare index class	: D3
Load/km	: 2714 W/km	Lum. intensity class	: G*3

Strada

Width	: 9.00 m	Lanes	: 2
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 28m x 9m (10 x 6 pts)

Observer

2 : x=-60.00m, y=6.75m, z=1.50m
 1 : x=-60.00m, y=2.25m, z=1.50m

Lane	\bar{L}_m	U_o	UI	TI	Rei
2:(y=6.75)	1.15 cd/m ²	0.61	0.88	9	0.56
1:(y=2.25)	1.24 cd/m ²	0.58	0.72	7	0.45
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

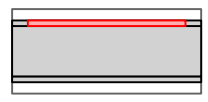
Illuminance

Calculation field: 28m x 9m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	Ud
19.2 lx	9.84 lx	0.51	0.30

Aiuola (Sidewalk, left)

Width	: 1.00 m	Abs. position	: 9.00 m
Kerb distance	: 0.00 m		



Illuminance

Calculation field: 28m x 1m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

15 Via Adriano Garofoli (ID 2902)

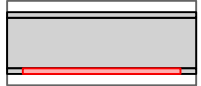
15.1 Summary, Via Adriano Garofoli (ID 2902)

15.1.1 Result overview, Via Adriano Garofoli (ID 2902)

	\bar{E}_m	E_{min}	U_o	U_d
	16.2 lx	7.12 lx	0.44	0.24
P1	≥ 15.0 lx	≥ 3.00 lx		

Aiuola (Sidewalk, right)

Width : 1.00 m
Kerb distance : 0.00 m Abs. position : -0.00 m



Illuminance

Calculation field: 28m x 1m (10 x 3 pts)

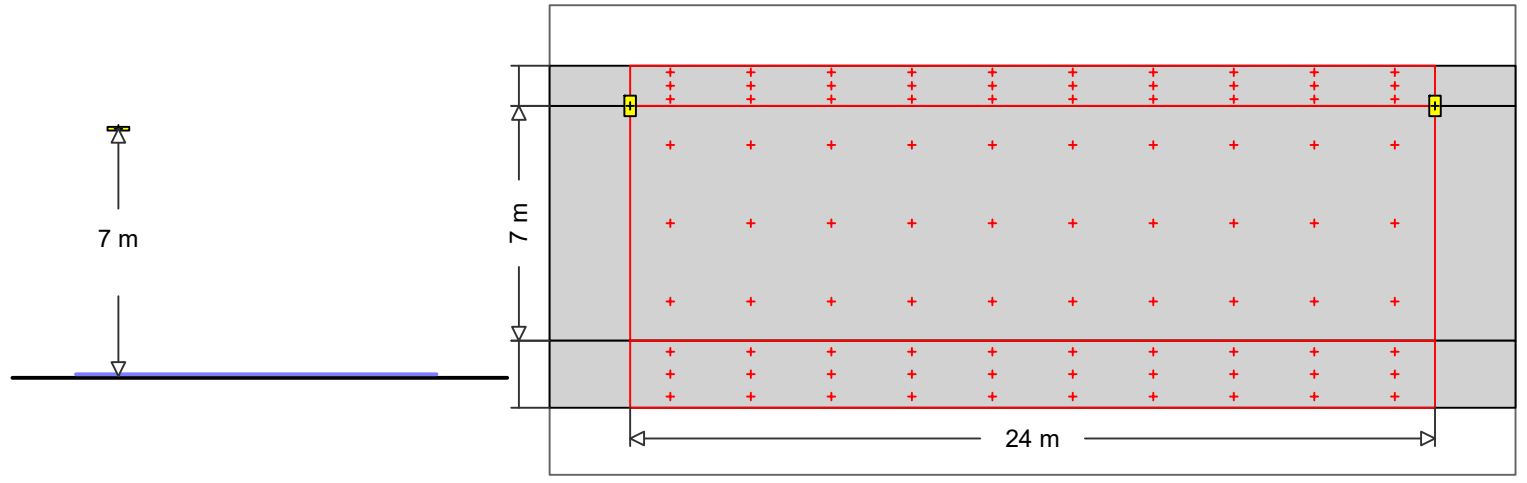
	\bar{E}_m	E_{min}	U_o	U_d
	13.0 lx	11.1 lx	0.85	0.70
P2	≥ 10.0 lx	≥ 2.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

16 Via Monticano (ID 2127)

16.1 Summary, Via Monticano (ID 2127)

16.1.1 Result overview, Via Monticano (ID 2127)



AEC ILLUMINAZIONE SRL

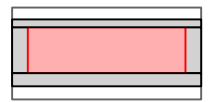
3
 Order No. : ITALO 1 0F3 STW 4.7-2M
 Luminaire name : ITALO 1 0F3 STW 4.7-2M
 Equipment : 1 x L-IT1-0F3-4000-700-2M-70-25 52 W / 6530 lm

MyLumRow

Luminaire placing	: Left row	Maintenance factor	: 0.80
Luminaire spacing	: 24.00 m	Height (phot. centre)	: 7.00 m
Overhang	: 0.00 m	Tilt	: 0.00 °
Abs. position	: 7.00 m	Glare index class	: D4
Load/km	: 2167 W/km	Lum. intensity class	: G*3

Strada

Width	: 7.00 m	Lanes	: 1
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 24m x 7m (10 x 3 pts)

Observer

1 : x=-60.00m, y=3.50m, z=1.50m

Lane	\bar{L}_m	U_o	UI	TI	Rei
1:(y=3.50)	1.15 cd/m ²	0.65	0.83	10	0.31
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

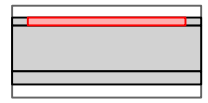
Illuminance

Calculation field: 24m x 7m (10 x 3 pts)

\bar{E}_m	E_{min}	U_o	Ud
18.1 lx	9.76 lx	0.54	0.32

Marciapiede (Sidewalk, left)

Width	: 1.20 m	Abs. position	: 7.00 m
Kerb distance	: 0.00 m		



Illuminance

Calculation field: 24m x 1.2m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

16 Via Monticano (ID 2127)

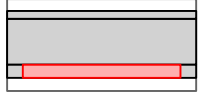
16.1 Summary, Via Monticano (ID 2127)

16.1.1 Result overview, Via Monticano (ID 2127)

	\bar{E}_m	E_{min}	U_o	U_d
	14.7 lx	5.64 lx	0.38	0.20
P2	≥ 10.0 lx	≥ 2.00 lx		

Marciapiede (Sidewalk, right)

Width : 2.00 m
 Kerb distance : 0.00 m Abs. position : -0.00 m



Illuminance

Calculation field: 24m x 2m (10 x 3 pts)

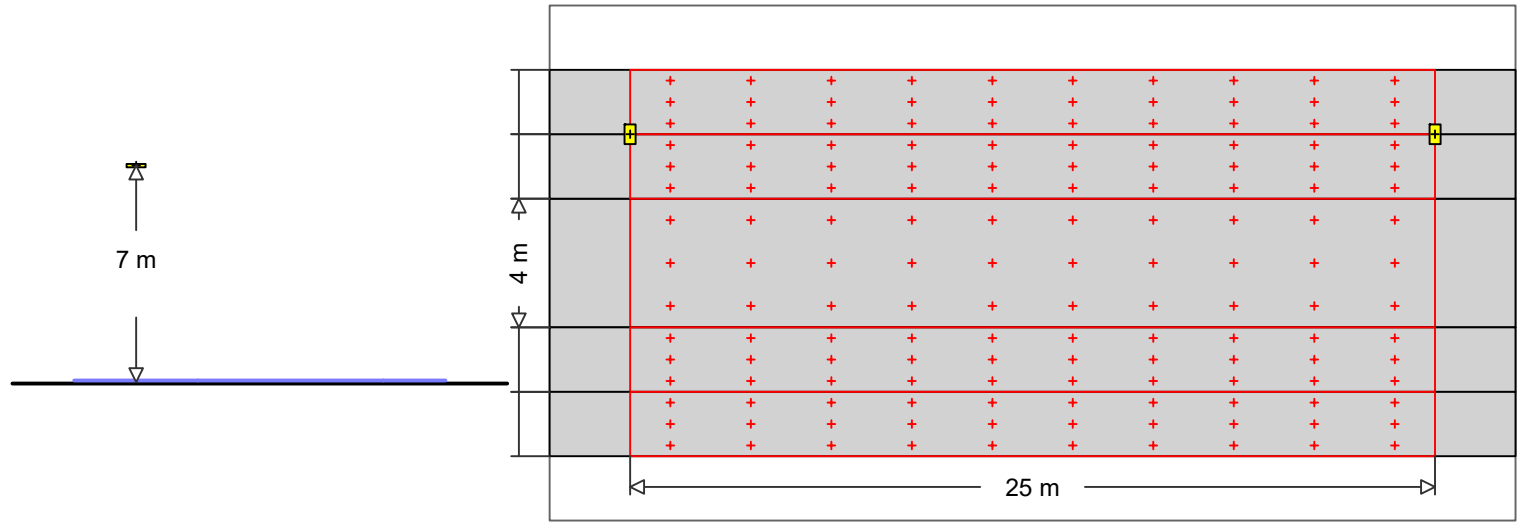
	\bar{E}_m	E_{min}	U_o	U_d
	11.5 lx	8.29 lx	0.72	0.52
P2	≥ 10.0 lx	≥ 2.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

17 Via Tre Monumenti (ID 3029)

17.1 Summary, Via Tre Monumenti (ID 3029)

17.1.1 Result overview, Via Tre Monumenti (ID 3029)



AEC ILLUMINAZIONE SRL

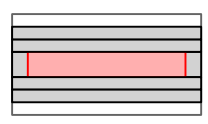
2
 Order No. : ITALO 1 0F3 STW 4.5-4M
 Luminaire name : ITALO 1 0F3 STW 4.5-4M
 Equipment : 1 x L-IT1-0F3-4000-525-4M-70-25 76 W / 9950 lm

MyLumRow

Luminaire placing	: Left row	Maintenance factor	: 0.80
Luminaire spacing	: 25.00 m	Height (phot. centre)	: 7.00 m
Overhang	: -2.00 m	Tilt	: 0.00 °
Abs. position	: 6.00 m	Glare index class	: D3
Load/km	: 3040 W/km	Lum. intensity class	: G*3

Strada

Width	: 4.00 m	Lanes	: 1
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 25m x 4m (10 x 3 pts)

Observer

1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	UI	TI	Rei
1:(y=2.00)	1.62 cd/m ²	0.72	0.75	11	0.62
M2	>= 1.50 cd/m ²	>= 0.40	>= 0.70	<= 10	>= 0.35

Illuminance

Calculation field: 25m x 4m (10 x 3 pts)

\bar{E}_m	E_{min}	U_o	Ud
27 lx	17.7 lx	0.65	0.40

Marciapiede (Sidewalk, left)

Width	: 2.00 m	Abs. position	: 6.00 m
Kerb distance	: 2.00 m		



Illuminance

Calculation field: 25m x 2m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

17 Via Tre Monumenti (ID 3029)

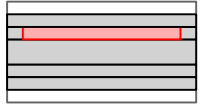
17.1 Summary, Via Tre Monumenti (ID 3029)

17.1.1 Result overview, Via Tre Monumenti (ID 3029)

	\bar{E}_m	E_{min}	U_o	U_d
	20 lx	6.07 lx	0.30	0.14
P1	>= 15.0 lx	>= 3.00 lx		

Parcheggio (Sidewalk, left)

Width : 2.00 m
 Kerb distance : 0.00 m Abs. position : 4.00 m



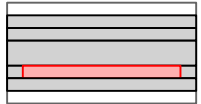
Illuminance

Calculation field: 25m x 2m (10 x 3 pts)

	\bar{E}_m	E_{min}	U_o	U_d
	26 lx	11.7 lx	0.45	0.25
P1	>= 15.0 lx	>= 3.00 lx		

Parcheggio (Sidewalk, right)

Width : 2.00 m
 Kerb distance : 0.00 m Abs. position : -0.00 m



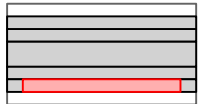
Illuminance

Calculation field: 25m x 2m (10 x 3 pts)

	\bar{E}_m	E_{min}	U_o	U_d
	22 lx	16.7 lx	0.77	0.57
P2	>= 10.0 lx	>= 2.00 lx		

Marciapiede (Sidewalk, right)

Width : 2.00 m
 Kerb distance : 2.00 m Abs. position : -2.00 m



Illuminance

Calculation field: 25m x 2m (10 x 3 pts)

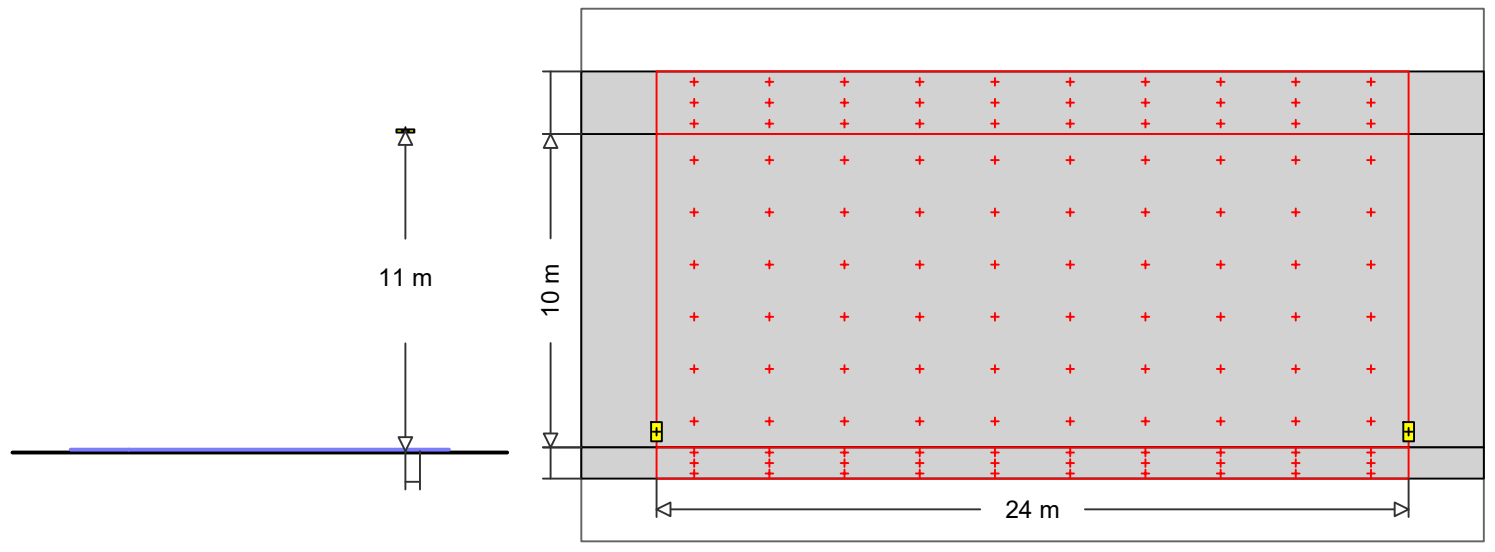
	\bar{E}_m	E_{min}	U_o	U_d
	12.2 lx	7.53 lx	0.62	0.42
P2	>= 10.0 lx	>= 2.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

18 Via Curio Fornaci (ID 2873)

18.1 Summary, Via Curio Fornaci (ID 2873)

18.1.1 Result overview, Via Curio Fornaci (ID 2873)



AEC ILLUMINAZIONE SRL

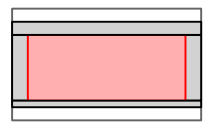
1
 Order No. : ITALO 1 0F2H1 STU-M 4.7-4M
 Luminaire name : ITALO 1 0F2H1 STU-M 4.7-4M
 Equipment : 1 x L-IT1-0F2H1-4000-700-4M-70-25 76 W / 8990 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.80
Luminaire spacing	: 24.00 m	Height (phot. centre)	: 11.00 m
Overhang	: 0.50 m	Tilt	: 0.00 °
Abs. position	: 0.50 m	Glare index class	: D3
Load/km	: 3167 W/km	Lum. intensity class	: G*2

Strada

Width	: 10.00 m	Lanes	: 2
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 24m x 10m (10 x 6 pts)

Observer

2 : x=-60.00m, y=7.50m, z=1.50m
 1 : x=-60.00m, y=2.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_I	T_I	Re_i
2:(y=7.50)	1.24 cd/m ²	0.56	0.85	6	0.65
1:(y=2.50)	1.13 cd/m ²	0.57	0.89	8	0.54
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

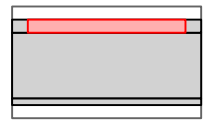
Illuminance

Calculation field: 24m x 10m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
16.3 lx	12.3 lx	0.75	0.53

Marcia piede (Sidewalk, left)

Width	: 2.00 m	Abs. position	: 10.00 m
Kerb distance	: 0.00 m		



Illuminance

Calculation field: 24m x 2m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

18 Via Curio Fornaci (ID 2873)

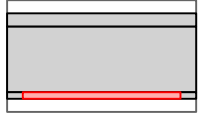
18.1 Summary, Via Curio Fornaci (ID 2873)

18.1.1 Result overview, Via Curio Fornaci (ID 2873)

	\bar{E}_m	E_{min}	U_o	U_d
	11.5 lx	10.5 lx	0.91	0.84
P2	≥ 10.0 lx	≥ 2.00 lx		

Marciapiede (Sidewalk, right)

Width : 1.00 m
Kerb distance : 0.00 m Abs. position : -0.00 m



Illuminance

Calculation field: 24m x 1m (10 x 3 pts)

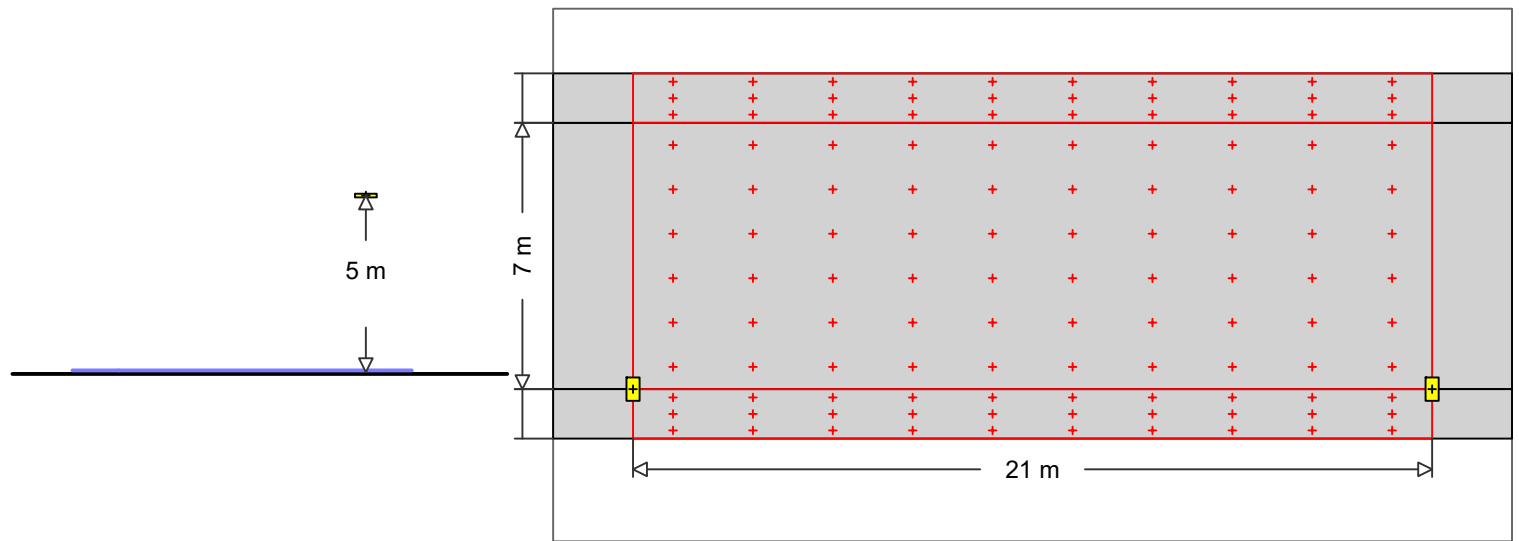
	\bar{E}_m	E_{min}	U_o	U_d
	14.4 lx	9.94 lx	0.69	0.51
P2	≥ 10.0 lx	≥ 2.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

19 Via Isonzo (ID 2164)

19.1 Summary, Via Isonzo (ID 2164)

19.1.1 Result overview, Via Isonzo (ID 2164)



AEC ILLUMINAZIONE SRL

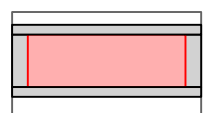
8
 Order No. : ITALO 1 0F2H1 S05 4.5-4M
 Luminaire name : ITALO 1 0F2H1 S05 4.5-4M
 Equipment : 1 x L-IT1-0F2H1-4000-525-4M-70-25 57 W / 7150 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.80
Luminaire spacing	: 21.00 m	Height (phot. centre)	: 5.00 m
Overhang	: 0.00 m	Tilt	: 0.00 °
Abs. position	: 0.00 m	Glare index class	: D4
Load/km	: 2714 W/km	Lum. intensity class	: G*2

Strada

Width	: 7.00 m	Lanes	: 2
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 21m x 7m (10 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m
 1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_I	T_I	Re_i
2:(y=5.25)	1.34 cd/m ²	0.50	0.66	6	0.59
1:(y=1.75)	1.26 cd/m ²	0.52	0.61	14	0.42
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

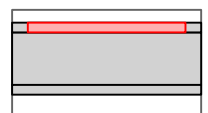
Illuminance

Calculation field: 21m x 7m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
22 lx	9.17 lx	0.42	0.18

Marcia piede (Sidewalk, left)

Width	: 1.30 m	Abs. position	: 7.00 m
Kerb distance	: 0.00 m		



Illuminance

Calculation field: 21m x 1.3m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
Installation : Illuminazione pubblica
Project number : PR19-806-LDB-A1
Date : 19.12.2019

19 Via Isonzo (ID 2164)

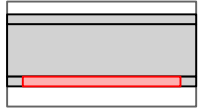
19.1 Summary, Via Isonzo (ID 2164)

19.1.1 Result overview, Via Isonzo (ID 2164)

	\bar{E}_m	E_{min}	U_o	U_d
	13.7 lx	8.99 lx	0.65	0.49
P2	≥ 10.0 lx	≥ 2.00 lx		

Marciapiede (Sidewalk, right)

Width : 1.30 m
Kerb distance : 0.00 m Abs. position : -0.00 m



Illuminance

Calculation field: 21m x 1.3m (10 x 3 pts)

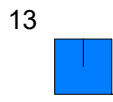
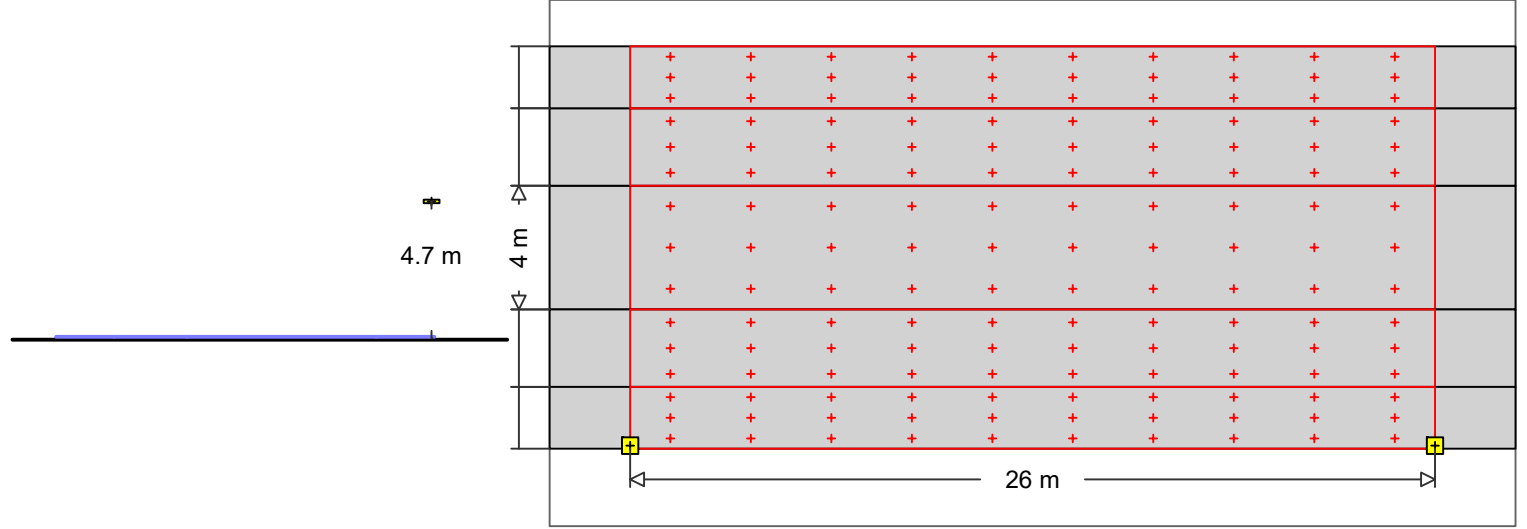
	\bar{E}_m	E_{min}	U_o	U_d
	12.8 lx	4.08 lx	0.32	0.15
P2	≥ 10.0 lx	≥ 2.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

20 Via Antonio Meucci (ID 3043)

20.1 Summary, Via Antonio Meucci (ID 3043)

20.1.1 Result overview, Via Antonio Meucci (ID 3043)



AEC ILLUMINAZIONE SRL

Order No. : ITALO 2 UB 0F2H1 S05 4.7-5M
 Luminaire name : ITALO 2 UB 0F2H1 S05 4.7-5M
 Equipment : 1 x L-IT2UB-0F2H1-4000-700-5M-70-25 95 W / 11890 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.80
Luminaire spacing	: 26.00 m	Height (phot. centre)	: 4.70 m
Overhang	: -4.40 m	Tilt	: 0.00 °
Abs. position	: -4.40 m	Glare index class	: D3
Load/km	: 3654 W/km	Lum. intensity class	: G*2

Strada

Width	: 4.00 m	Lanes	: 1
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1



Luminance

Calculation field: 26m x 4m (10 x 3 pts)

Observer

1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	UI	TI	Rei
1:(y=2.00)	1.10 cd/m ²	0.49	0.43	8	0.45
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

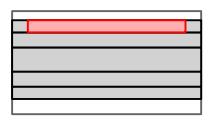
Illuminance

Calculation field: 26m x 4m (10 x 3 pts)

\bar{E}_m	E_{min}	U_o	Ud
23 lx	8.04 lx	0.36	0.19

Marcia piede (Sidewalk, left)

Width	: 2.00 m	Abs. position	: 6.50 m
Kerb distance	: 2.50 m		



Illuminance

Calculation field: 26m x 2m (10 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

20 Via Antonio Meucci (ID 3043)

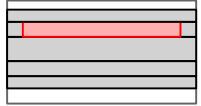
20.1 Summary, Via Antonio Meucci (ID 3043)

20.1.1 Result overview, Via Antonio Meucci (ID 3043)

	\bar{E}_m	E_{min}	U_o	U_d
	6.68 lx	4.04 lx	0.61	0.39
P4	>= 5.00 lx	>= 1.00 lx		

Parcheggio (Sidewalk, left)

Width : 2.50 m
 Kerb distance : 0.00 m Abs. position : 4.00 m



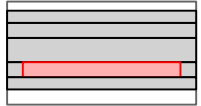
Illuminance

Calculation field: 26m x 2.5m (10 x 3 pts)

	\bar{E}_m	E_{min}	U_o	U_d
	12.2 lx	5.75 lx	0.47	0.27
P3	>= 7.50 lx	>= 1.50 lx		

Parcheggio (Sidewalk, right)

Width : 2.50 m
 Kerb distance : 0.00 m Abs. position : -0.00 m



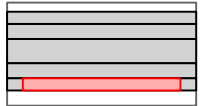
Illuminance

Calculation field: 26m x 2.5m (10 x 3 pts)

	\bar{E}_m	E_{min}	U_o	U_d
	33 lx	9.01 lx	0.27	0.14
P2	>= 10.0 lx	>= 2.00 lx		

Marciaiede (Sidewalk, right)

Width : 2.00 m
 Kerb distance : 2.50 m Abs. position : -2.50 m



Illuminance

Calculation field: 26m x 2m (10 x 3 pts)

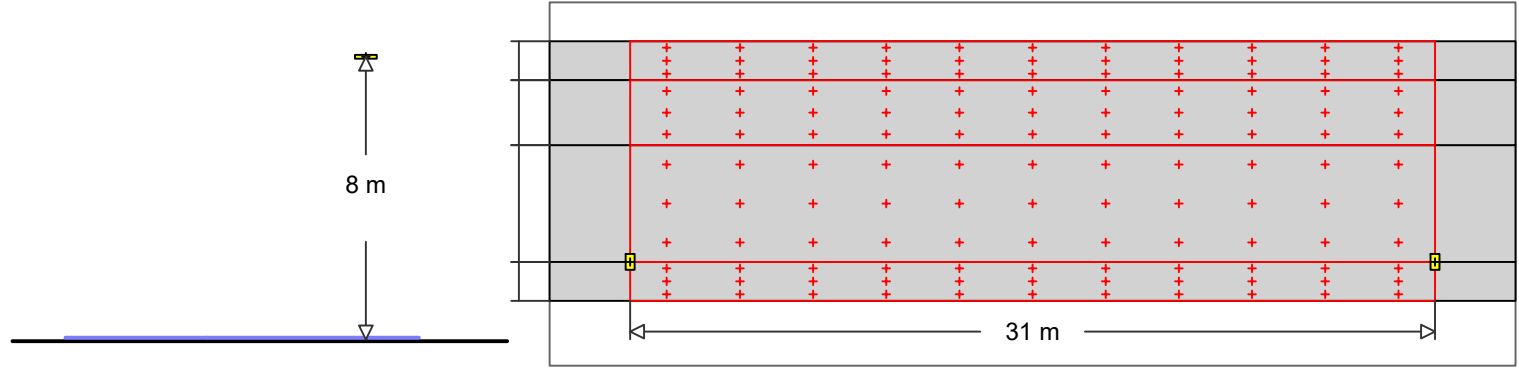
	\bar{E}_m	E_{min}	U_o	U_d
	32 lx	6.48 lx	0.20	0.07
P2	>= 10.0 lx	>= 2.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

21 Via Giotto (ID 3876)

21.1 Summary, Via Giotto (ID 3876)

21.1.1 Result overview, Via Giotto (ID 3876)



AEC ILLUMINAZIONE SRL
 Order No. : ITALO 1 0F3 STW 4.7-3M
 Luminaire name : ITALO 1 0F3 STW 4.7-3M
 Equipment : 1 x L-IT1-0F3-4000-700-3M-70-25 76 W / 9420 lm

MyLumRow
 Luminaire placing : Right row
 Luminaire spacing : 31.00 m
 Overhang : 0.00 m
 Abs. position : 0.00 m
 Load/km : 2452 W/km
 Maintenance factor : 0.80
 Height (phot. centre) : 8.00 m
 Tilt : 0.00 °
 Glare index class : D3
 Lum. intensity class : G*3

Strada
 Width : 4.50 m
 Surface : CIE C2, q0=0.07
 Lanes : 1
 Surface (wet) : -none-, q0=0.1

Luminance Calculation field: 31m x 4.5m (11 x 3 pts)

Observer
 1 : x=-60.00m, y=2.25m, z=1.50m

Lane	\bar{L}_m	U_o	UI	TI	Rei
1:(y=2.25)	1.23 cd/m ²	0.76	0.81	10	0.54
M3	>= 1.00 cd/m ²	>= 0.40	>= 0.60	<= 15	>= 0.30

Illuminance Calculation field: 31m x 4.5m (11 x 3 pts)

\bar{E}_m	E_{min}	U_o	Ud
17.9 lx	7.74 lx	0.43	0.23

Marciaiede (Sidewalk, left)
 Width : 1.50 m
 Kerb distance : 2.50 m
 Abs. position : 7.00 m

Illuminance Calculation field: 31m x 1.5m (11 x 3 pts)

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

21 Via Giotto (ID 3876)

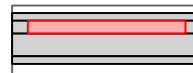
21.1 Summary, Via Giotto (ID 3876)

21.1.1 Result overview, Via Giotto (ID 3876)

	\bar{E}_m	E_{min}	U_o	U_d
	15.2 lx	11.0 lx	0.73	0.54
P1	>= 15.0 lx	>= 3.00 lx		

Parcheggio (Sidewalk, left)

Width : 2.50 m
 Kerb distance : 0.00 m Abs. position : 4.50 m



Illuminance

Calculation field: 31m x 2.5m (11 x 3 pts)

	\bar{E}_m	E_{min}	U_o	U_d
	17.7 lx	12.9 lx	0.73	0.51
P1	>= 15.0 lx	>= 3.00 lx		

Marciaiede (Sidewalk, right)

Width : 1.50 m
 Kerb distance : 0.00 m Abs. position : -0.00 m



Illuminance

Calculation field: 31m x 1.5m (11 x 3 pts)

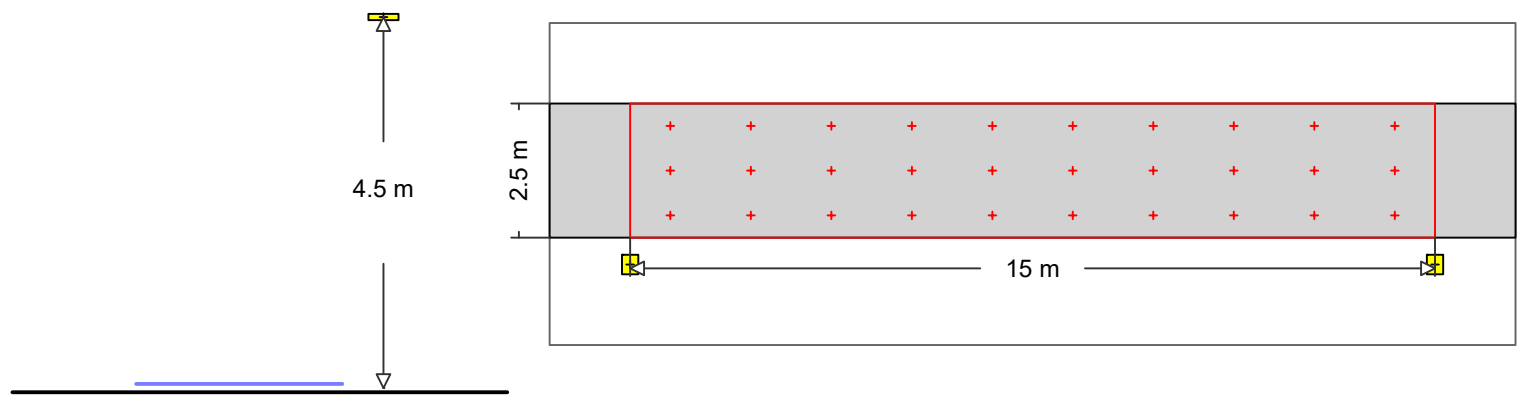
	\bar{E}_m	E_{min}	U_o	U_d
	14.2 lx	4.56 lx	0.32	0.15
P2	>= 10.0 lx	>= 2.00 lx		

Object : TERNI - Viabilità secondo stralcio
 Installation : Illuminazione pubblica
 Project number : PR19-806-LDB-A1
 Date : 19.12.2019

22 Via Gramsci

22.1 Summary, Via Gramsci

22.1.1 Result overview, Via Gramsci



AEC ILLUMINAZIONE SRL
 Order No. : Q-DROME 2W8 STU-S 4.40-1M
 Luminaire name : Q-DROME 2W8 STU-S 4.40-1M
 Equipment : 1 x L-QDR-2W8-4000-400-1M-70-25 22 W / 2840 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.80
Luminaire spacing	: 15.00 m	Height (phot. centre)	: 4.50 m
Overhang	: -0.50 m	Tilt	: 0.00 °
Abs. position	: -0.50 m	Glare index class	: D6
Load/km	: 1467 W/km	Lum. intensity class	: G*4

Strada

Width	: 2.50 m	Lanes	: 1
Surface	: CIE C2, q0=0.07	Surface (wet)	: -none-, q0=0.1

Illuminance Calculation field: 15m x 2.5m (10 x 3 pts)

\bar{E}_m	E_{min}	U_o	U_d
22 lx	12.1 lx	0.56	0.33
C4	≥ 10.0 lx	≥ 0.40	

