Sheet Size A1+1 594 x 1051

TRU - Lady Ann Footbridge

Footbridge/Ramp Lighting

Date: 10.04.2022 Operator: Danny Rounds



Amey Consulting

IDH, Colmore Building, 20 Colmore Plaza, Birmingham, B4 6AT

Operator Danny Rounds Telephone 07810830845 Fax e-Mail

Table of contents

TRU - Lady Ann Footbridge	
Project Cover	1
Table of contents	2
Luminaire parts list	3
ORANGETEK IGNIS mini 20 MPH 4.0_70_203_2168 IGNIS mini - 20 LEDs, M	
Luminaire Data Sheet	4
DW Windsor Garda Anti Climb 300 - 3LED -4k- 4W- Asymmetric- Garda A	_
Luminaire Data Sheet	5
Exterior Scene 1	
Planning data	6
3D Rendering	7
False Colour Rendering	8
Exterior Surfaces	
Stairs	
Summary	9
Path/Ramp	
Summary	10
Bridge	
Summary	11

Amey Consulting

IDH, Colmore Building, 20 Colmore Plaza, Birmingham, B4 6AT

Operator Danny Rounds Telephone 07810830845 Fax e-Mail

TRU - Lady Ann Footbridge / Luminaire parts list

See our luminaire

catalog for an image of

the luminaire.

22 Pieces DW Windsor Garda Anti Climb 300 - 3LED -4k-

4W- Asymmetric- Garda Anti Climb 3LED Asym Article No.: Garda Anti Climb 300 - 3LED -4k-

4W- Asymmetric-

Luminous flux (Luminaire): 244 lm Luminous flux (Lamps): 244 lm Luminaire Wattage: 4.0 W

Luminaire classification according to CIE: 99

CIE flux code: 35 74 94 99 100

Fitting: 1 x 3x 4K LED 4W (Correction Factor

0.662).

See our luminaire catalog for an image of the luminaire.

15 Pieces

ORANGETEK IGNIS mini 20 MPH

4.0_70_203_2168 IGNIS mini - 20 LEDs, MPH,

4000K, 0203mA, Opt2

Article No.: IGNIS mini 20 MPH

4.0_70_203_2168

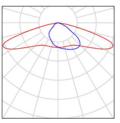
Luminous flux (Luminaire): 2168 lm Luminous flux (Lamps): 2168 lm Luminaire Wattage: 14.0 W

Luminaire classification according to CIE: 100

CIE flux code: 31 66 95 100 100

Fitting: 1 x OSRAM SQUARE CRI70 SPR1.57

4000K N7 (Correction Factor 0.745).



Amey Consulting

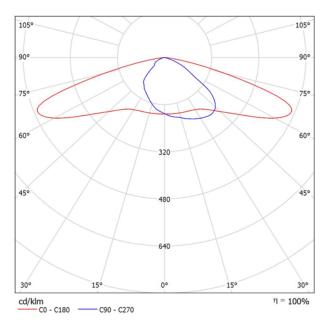
IDH, Colmore Building, 20 Colmore Plaza, Birmingham, B4 6AT

Operator Danny Rounds
Telephone Fax
e-Mail

ORANGETEK IGNIS mini 20 MPH 4.0_70_203_2168 IGNIS mini - 20 LEDs, MPH, 4000K, 0203mA, Opt2 / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire

Luminous emittance 1:



Luminaire classification according to CIE: 100 CIE flux code: 31 66 95 100 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

Amey Consulting

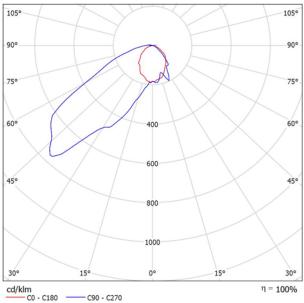
IDH, Colmore Building, 20 Colmore Plaza, Birmingham, B4 6AT

Operator Danny Rounds Telephone 07810830845 Fax e-Mail

DW Windsor Garda Anti Climb 300 - 3LED -4k- 4W- Asymmetric- Garda Anti Climb 3LED Asym / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

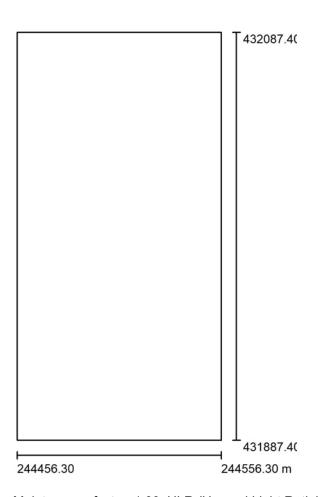
Luminaire classification according to CIE: 99 CIE flux code: 35 74 94 99 100

Amey Consulting

IDH, Colmore Building, 20 Colmore Plaza, Birmingham, B4 6AT

Operator Danny Rounds Telephone 07810830845 Telephone Fax e-Mail

Exterior Scene 1 / Planning data



Maintenance factor: 1.00, ULR (Upward Light Ratio): 0.0%

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	22	DW Windsor Garda Anti Climb 300 - 3LED - 4k- 4W- Asymmetric- Garda Anti Climb 3LED Asym (0.662)	244	244	4.0
2	15	ORANGETEK IGNIS mini 20 MPH 4.0_70_203_2168 IGNIS mini - 20 LEDs, MPH, 4000K, 0203mA, Opt2 (0.745)	2168	2168	14.0
			Total: 37887	Total: 37888	298.0

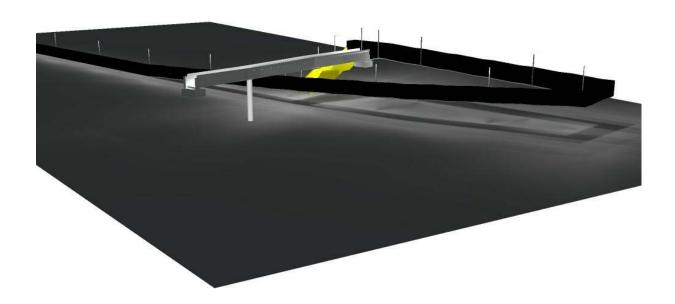
Scale 1:1854

Amey Consulting

IDH, Colmore Building, 20 Colmore Plaza, Birmingham, B4 6AT

Operator Danny Rounds Telephone 07810830845 Fax e-Mail

Exterior Scene 1 / 3D Rendering

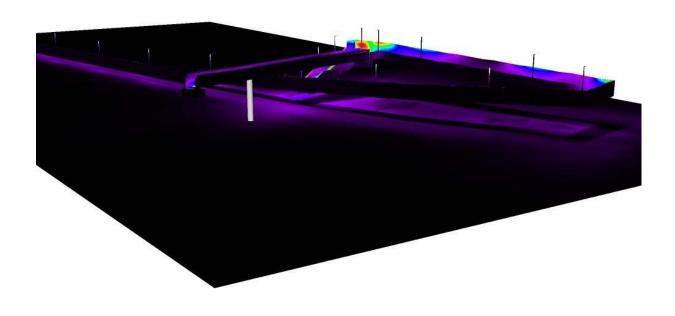


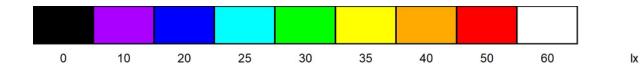
Amey Consulting

IDH, Colmore Building, 20 Colmore Plaza, Birmingham, B4 6AT

Operator Danny Rounds Telephone 07810830845 Fax e-Mail

Exterior Scene 1 / False Colour Rendering



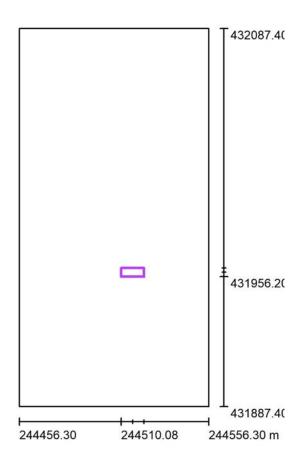


Amey Consulting

IDH, Colmore Building, 20 Colmore Plaza, Birmingham, B4 6AT

Operator Danny Rounds Telephone 07810830845 Fax e-Mail

Exterior Scene 1 / Stairs / Summary



Scale 1 : 2002

Position: (244516.121 m, 431958.525 m, 2.211 m)

Size: (12.083 m, 4.646 m) Rotation: (0.0°, 0.0°, 0.0°)

Type: User defined, Quantity Points: 96

Results overview

No. Type $E_{av}[Ix]$ $E_{min}[Ix]$ $E_{max}[Ix]$ u0 E_{min}/E_{max} $E_{h\,m}/E_{m}$ H [m] Camera 1 horizontal 32 20 41 0.63 0.49 / 0.000 /

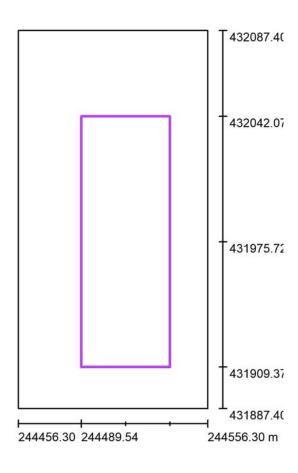
 $\rm E_{h\ m}/E_{m}$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height

Amey Consulting

IDH, Colmore Building, 20 Colmore Plaza, Birmingham, B4 6AT

Operator Danny Rounds Telephone 07810830845 Fax e-Mail

Exterior Scene 1 / Path/Ramp / Summary



Scale 1: 2002

Position: (244512.971 m, 431975.722 m, 0.063 m)

Size: (46.856 m, 132.700 m) Rotation: (0.0°, 0.0°, 0.0°)

Type: User defined, Quantity Points: 648

Results overview

No.	Туре	E _{av} [lx]	E _{min} [lx]	E _{max} [lx]	u0	E _{min} / E _{max}	$E_{h\;m}/E_{m}$	H [m]	Camera
1	horizontal	10	4.42	31	0.42	0.14	1	0.000	/

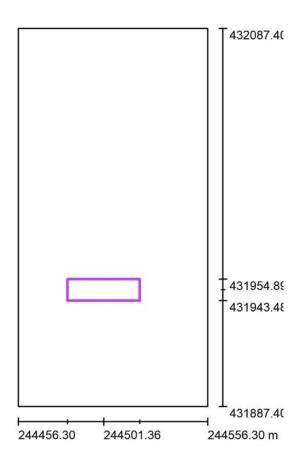
 ${\sf E_{h\ m}/E_{m}}$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height

Amey Consulting

IDH, Colmore Building, 20 Colmore Plaza, Birmingham, B4 6AT

Operator Danny Rounds Telephone 07810830845 Fax e-Mail

Exterior Scene 1 / Bridge / Summary



Scale 1: 2002

Position: (244501.358 m, 431949.188 m, 6.918 m)

Size: (38.252 m, 11.413 m) Rotation: (0.0°, 0.0°, 0.0°)

Type: User defined, Quantity Points: 120

Results overview

No.	Туре	E _{av} [lx]	E _{min} [lx]	E _{max} [lx]	u0	E_{min} / E_{max}	$E_{h\;m}/E_{m}$	H [m]	Camera
1	horizontal	32	14	56	0.42	0.24	1	0.000	/

 ${\sf E_{h\ m}/E_{m}}$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height