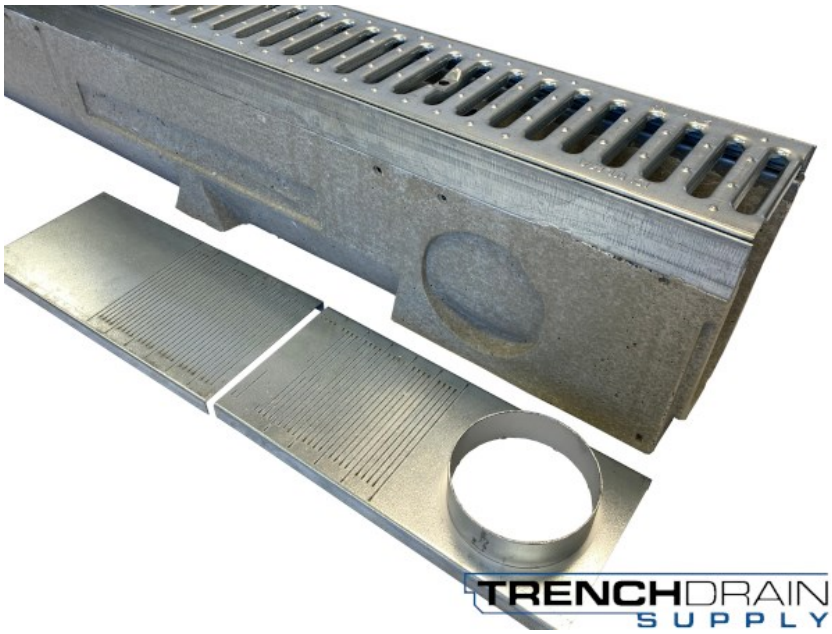
ULK100 Complete Kit

Series **ULK100**

Cover Sheet

U100K

4” Wide Polymer Concrete Trench Drain Kit 3 - 99 Foot Complete



New Commercial Trench Drain / Driveway Drain
4 Inch Wide - A Class Galvanized Grates Standard

Complete System - Each Kit Includes:

Specified number of 1 meter sections of trench drain
Specified number of galvanized slotted grates with Lock Bars and Bolts
1 - Solid End Caps and 1 - 4” End Outlet

Key advantages of the U100K Polymer Concrete Kits:

- Polymer Concrete Channels
- Load Classes up to C Class
- Galvanized steel edge
- External Width 5.11”
- Internal Width 3.94”
- Heights Between 5.9” - 11.81”

ULMA ARCHITECTURAL SOLUTIONS

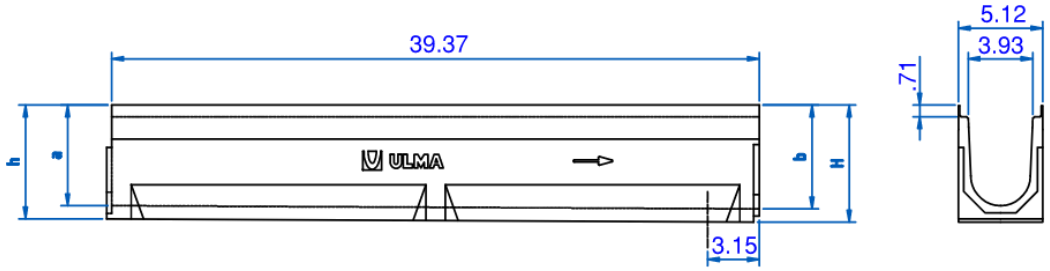
Newmark Corporation T/A Trench Drain Supply - 5621 Raby Road - Norfolk, Virginia 23502 - Phone 877-903-7246 - Fax 757-299-8059 - All Rights Reserved.

1-877-903-7246

TRENCHDRAIN SUPPLY

www.trenchdrainsupply.com

Number	Series
ULK100	**U100K**



SPORT SYSTEM
External width: 5.12"
Internal width: 3.94"
Length: 39.37"

Channel Reference	Total Height (in)		Internal Height (in)		Hydraulic Section in.	Outlet	
	h	H	A	B	sq.	Vertical	Horizontal
U100K.00R	5.9	5.9	5.11	5.11	14.73	4.33	
U100K.01	5.9	6.1	5.11	5.31	15.5		
U100K.02	6.1	6.3	5.31	5.51	16.3		
U100K.03	6.3	6.5	5.51	5.71	17.05		
U100K.04	6.5	6.7	5.71	5.91	17.83		
U100K.05	6.7	6.9	5.91	6.1	18.6		
U100K.05R	6.9	6.9	6.1	6.1	18.6	4.33	
U100K.06	6.9	7.1	6.1	6.3	19.4		
U100K.07	7.1	7.3	6.3	6.5	20.6		
U100K.08	7.3	7.5	6.5	6.7	20.9		
U100K.09	7.5	7.7	6.7	6.9	21.7		
U100K.10	7.7	7.9	6.9	7.1	22.5		
U100K.10R	7.9	7.9	7.1	7.1	22.5	4.33	4.33

Manufacturer

ULMA ARCHITECTURAL SOLUTIONS

Specification

ULMA U100 Polymer Concrete linear drainage channel
Integrated Galvanized edge
Load Class up to C250
Vertically and Horizontally channel aligning tongue and groove joints

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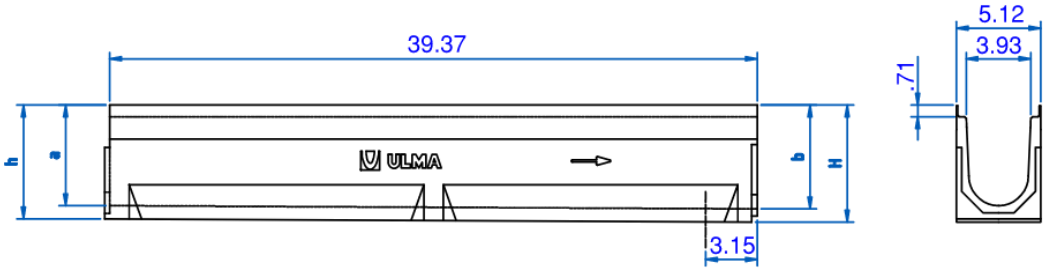
TRENCHDRAIN SUPPLY

www.trenchdrainsupply.com

Number	Series
ULK100	**U100K**



	Total Height (in)		Internal Height (in)			Outlet	
Channel Reference	h	H	A	B	Hydraulic Section in. sq.	Vertical	Horizontal
U100K.11	7.9	8.1	7.1	7.3	23.3	—	—
U100K.12	8.1	8.3	7.3	7.5	24.03	—	—
U100K.13	8.3	8.5	7.5	7.7	24.65	—	—
U100K.14	8.5	8.7	7.7	7.9	25.42	—	—
U100K.15	8.7	8.9	7.9	8.07	26.2	—	—
U100K.15R	8.9	8.9	8.1	8.1	26.2	4.33	4.33
U100K.16	8.9	9.1	8.1	8.3	27	—	—
U100K.17	9.1	9.3	8.3	8.5	27.6	—	—
U100K.18	9.3	9.45	8.5	8.7	28.4	—	—
U100K.19	9.45	9.7	8.7	8.9	28.83	—	—
U100K.20	9.7	9.84	8.9	9.06	29.6	—	—
U100K.20R	9.84	9.84	9.06	9.06	29.6	4.33	4.33
U100K.25R	10.8	10.8	10.04	10.04	33.33	4.33	4.33
U100K.30R	11.81	11.81	11.02	11.02	37.2	4.33	4.33

Manufacturer

ULMA ARCHITECTURAL SOLUTIONS

Specification

ULMA U100 Polymer Concrete linear drainage channel
Integrated Galvanized edge
Load Class up to C250
Vertically and Horizontally channel aligning tongue and groove joints

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Number

U100K Accessories

Series

U100K

Galvanized Steel

End Outlet	Closed Encap	Min Height (in)	Max Height (in)
T100KxxA	T100KxxC	5.9	11.81

CS100-T

CS100-H

CS100 –H and **CS100-T** are locking devices to be used with the U100K and D100 series trench drain.

CS100-H is to be used with ductile iron or composite grates (**except for FNX100KCCM**)

CS100-T is to be used with galvanized and stainless steel grates

Manufacturer

ULMA ARCHITECTURAL SOLUTIONS

Specification

ULMA U100K Accessories
SUPPLIED BY TRENCH DRAIN SUPPLY

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TRENCHDRAIN SUPPLY

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Number

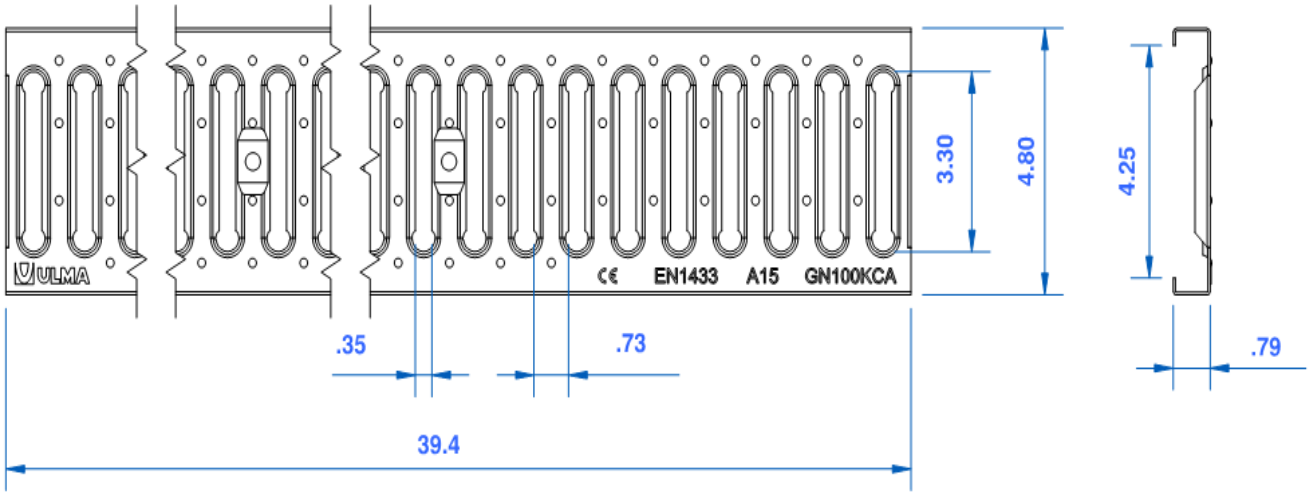
GN100KCA

Series

D100 & U100K

A Galvanized Steel Slotted

PART NUMBER	DIMENSIONS	FREE AREA
GN100KCA	39.4” [1000MM]	43.7 SQ. IN.



Manufacturer

ULMA ARCHITECTURAL SOLUTIONS

Specification

ULMA GN100KCA GALVANIZED STEEL SLOTTED TRENCH DRAIN GRATE WITH CLASS A LOAD RATING (3,500 LBS.—70 PSI), SUPPLIED BY TRENCH DRAIN SUPPLY

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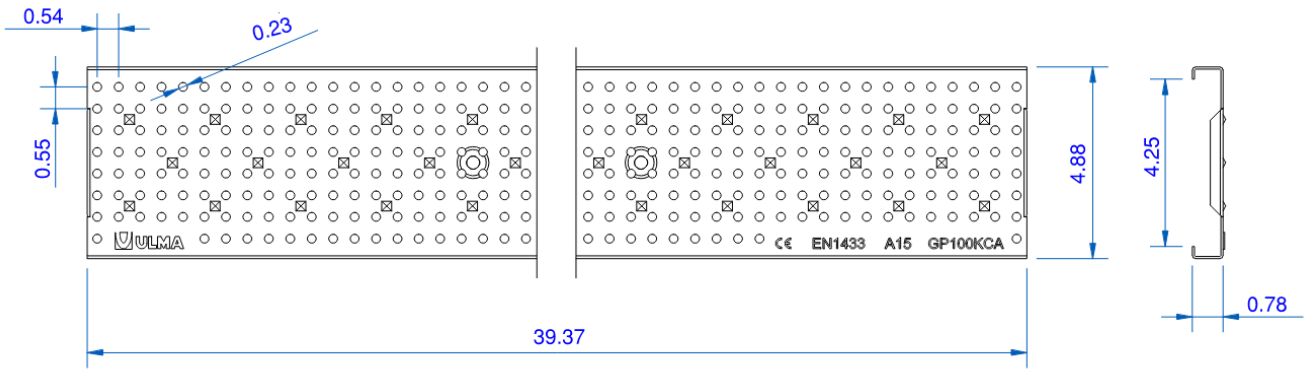
www.trenchdrainsupply.com

Number	Series
GP100KCA	**D100 & U100K** A Galvanized Steel Perforated

PART NUMBER	DIMENSIONS	FREE AREA
GP100KCA	39.4” [1000MM]	100.9 SQ. IN.



Manufacturer

ULMA ARCHITECTURAL SOLUTIONS

Specification

ULMA GP100KCA GALVANIZED STEEL PERFORATED TRENCH DRAIN GRATE WITH CLASS A LOAD RATING (3,500 LBS.—70 PSI), SUPPLIED BY TRENCH DRAIN SUPPLY

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TRENCHDRAIN SUPPLY

www.trenchdrainsupply.com

Number

PNH100KCAM/G

Series

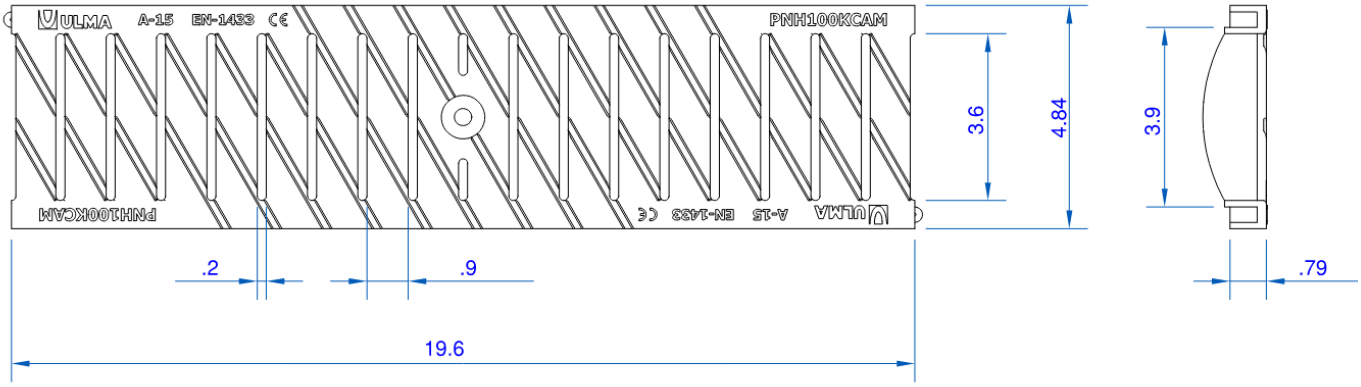
D100 & U100K

A Composite Slotted

PNH100KCAM

PNH100KCAM-G

PART NUMBER	DIMENSIONS	FREE AREA
PNH100KCAM	19.6” [1000MM]	24.7 SQ. IN.



Manufacturer

ULMA ARCHITECTURAL SOLUTIONS

Specification

ULMA PNH100KCAM COMPOSITE SLOTTED TRENCH DRAIN GRATE WITH CLASS A LOAD RATING (3,500 LBS.—70 PSI), SUPPLIED BY TRENCH DRAIN SUPPLY

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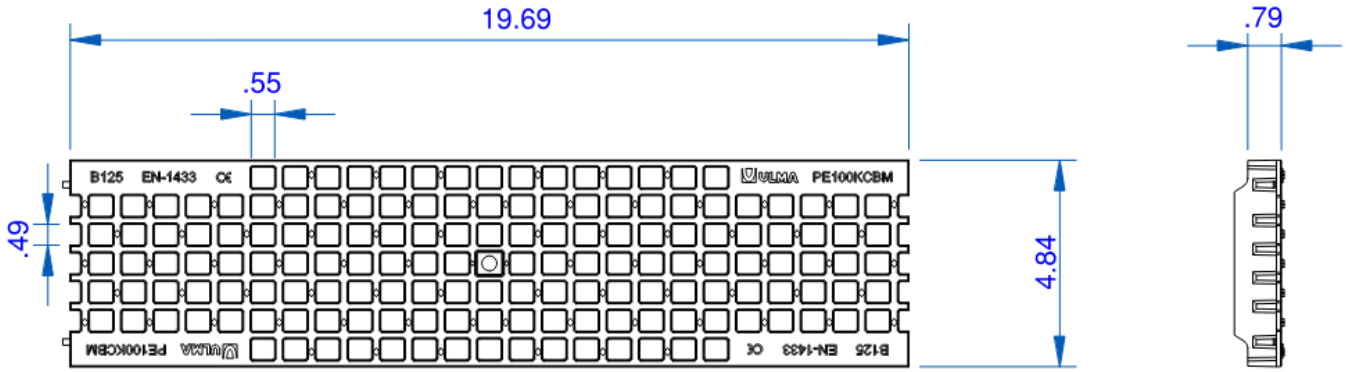
TRENCHDRAIN SUPPLY

www.trenchdrainsupply.com

Number	Series
PE100KCBM	**U100K** A Composite Mesh

PART NUMBER	DIMENSIONS	FREE AREA
PE100KCBM	19.69” [499MM]	86.54 SQ. IN.



Manufacturer

ULMA ARCHITECTURAL SOLUTIONS

Specification

ULMA PE100KCBM COMPOSITE MESH TRENCH DRAIN GRATE WITH CLASS B LOAD RATING (28,100LBS.—1170 PSI), SUPPLIED BY TRENCH DRAIN SUPPLY

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TRENCHDRAIN SUPPLY

www.trenchdrainsupply.com

Number

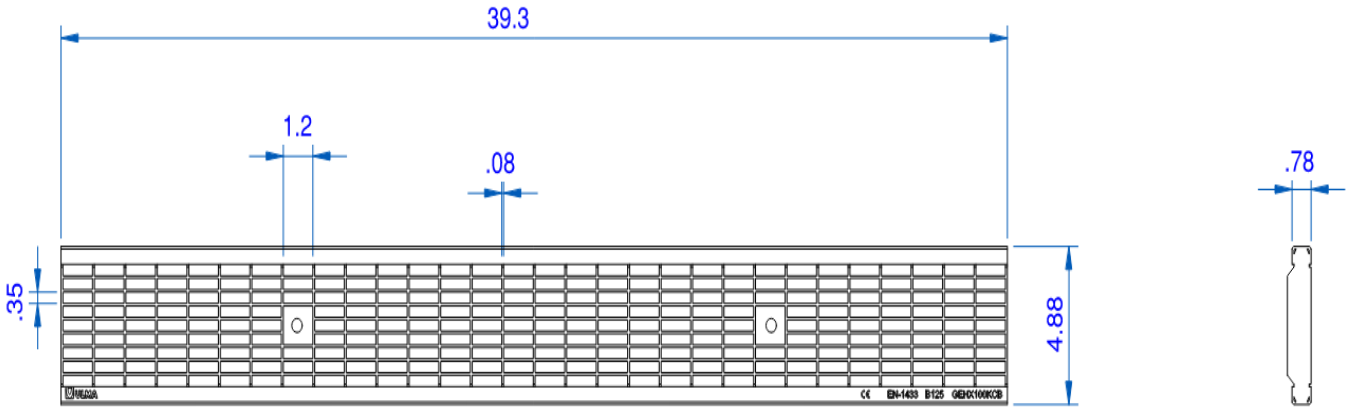
GEHX100KCB

Series

D100 & U100K

B Galvanized Steel Mesh

PART NUMBER	DIMENSIONS	FREE AREA
GEHX100KCB	39.3” [1000MM]	115.2 SQ. IN.



Manufacturer

ULMA ARCHITECTURAL SOLUTIONS

Specification

ULMA GEHX100KCB GALVANIZED STEEL MESH TRENCH DRAIN GRATE WITH CLASS B125 LOAD RATING (25,000 LBS.—580 PSI), SUPPLIED BY TRENCH DRAIN SUPPLY

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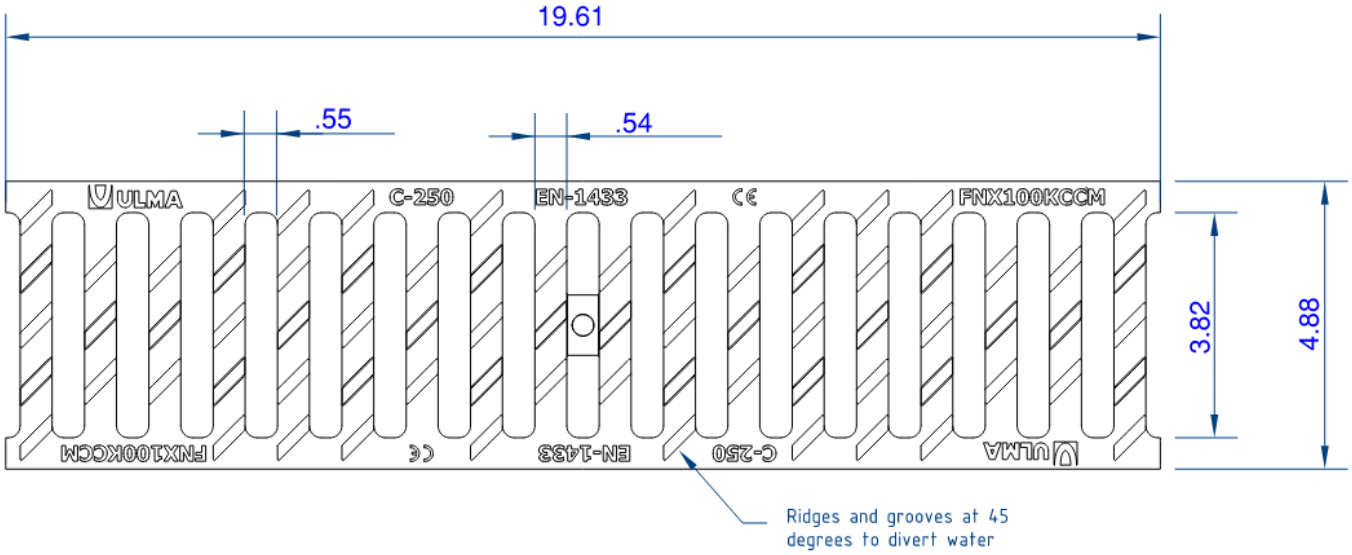
TRENCHDRAIN SUPPLY

www.trenchdrainsupply.com

Number	Series
FNX100KCCM	**D100 & U100K** C Ductile Cast Iron Slotted

PART NUMBER	DIMENSIONS	FREE AREA
FNX100KCCM	19.6” [498MM]	75.3 SQ. IN.



Manufacturer

ULMA ARCHITECTURAL SOLUTIONS

Specification

ULMA FNX100KCCM DUCTILE CAST IRON SLOTTED TRENCH DRAIN GRATE WITH CLASS C LOAD RATING (56,200 LBS.—2341 PSI),
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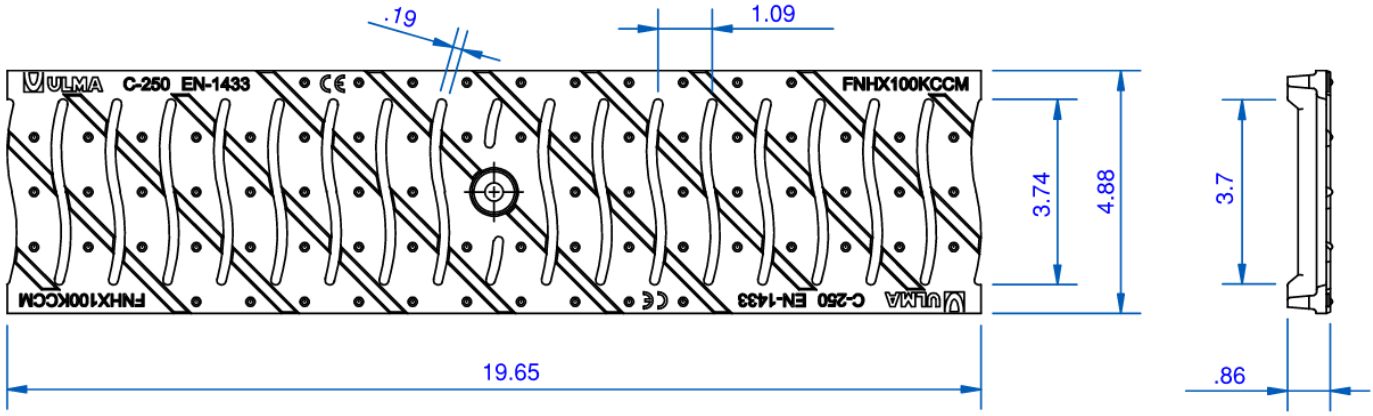
www.trenchdrainsupply.com

Number	Series
FNHX100KCCM	**D100 & U100K** C Ductile Cast Iron Slotted

PART NUMBER	DIMENSIONS	FREE AREA
FNHX100KCCM	19.6” [498MM]	26.9 SQ. IN.



Manufacturer

ULMA
ARCHITECTURAL SOLUTIONS

Specification

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