

Surface Metal Raceway

 Surface Metal Raceways

 Fittings

 Accessoires



Niedax surface metal raceways are designed for routing low voltage power circuits, data network and control cables in commercial, institutional and industrial applications. The system consists of a base section with a snap-on cover, dividers and a wide range of fittings. It's easy to install, expand and reconfigure. Direct wall mount is permitted. Various finishes are available.



General

SCOPE

This specification covers a Surface Metal Raceway System used for power circuits and/or data network, voice, video and other low-voltage wiring. The Surface Metal Raceway System shall consist of straight sections, appropriate fittings and device brackets to complete installation per electrical drawings.

CLASSIFICATION AND USE

The Surface Metal Raceway System is to be utilized in dry interior locations as covered in Article 386 of the National Electrical Code and in Sections 12-1600 to 12-1614 of the Canadian Electrical Code. The NIEDAX Raceway System is listed by Underwriters Laboratories under File No. E230529 for the straight sections and for the fittings, with a UL designation in accordance with publication UL5 for Surface Metal Raceways, and a cUL designation in accordance with Canadian Standards Association publication C22.2 No. 62 for Surface Metal Raceways.

MATERIALS

The Raceway System is made of pre-galvanized steel, powder-coated pre-galvanized steel or stainless steel (304; 1.4301) with a minimum thickness of 0.040" [1.02mm]. (applies only to "x" version)

RACEWAY

The Raceway System is a two piece design with a base and a snap-on cover, which snap side by side on a common base. The base may be divided with a fixed barrier for up to 3 compartments depending on the raceways width.

FITTINGS

A complete line available including: 45° and 90° horizontal and vertical fittings, inside and outside elbows, splice plates, cable support clamps and end caps.

MECHANICAL SECURITY

The Raceway System shall be mechanically continuous and connected to all electrical outlets, boxes, device mounting brackets and cabinets.

ELECTRICAL SECURITY

The Surface Metal Raceway System shall be electrically continuous and bonded in accordance with the National Electric Code for proper grounding.

RACEWAY SUPPORT

The Raceway System should be securely supported at intervals not exceeding 1.2m (4 ft.).

COMPLETENESS

The Surface Metal Raceway System should be installed complete with appropriate fittings. All unused Raceway openings shall be closed.

Surface Metal Raceways are UL Listed for service as equipment grounding conductor under the latest **National Electrical Code**

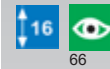
Surface Metal Raceway

cover included

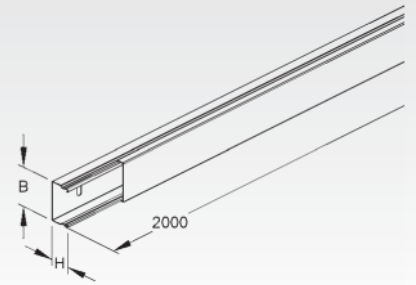
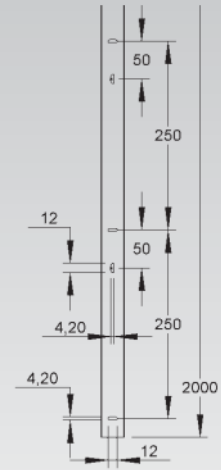
	model no.	height H mm/Inch	width B mm/Inch	RAL colour	EAN code	Weight per 100 m kg
S	LLK 16.016	16/0,6	16/0,6	—	506705	30
S	LLK 16.030	16/0,6	30/1,2	—	506804	42,5
C	LLK 16.016 R	16/0,6	16/0,6	9010	507559	30
C	LLK 16.030 R	16/0,6	30/1,2	9010	507573	42,5
C	LLK 16.016 W	16/0,6	16/0,6	9001	507009	30
C	LLK 16.030 W	16/0,6	30/1,2	9001	507108	42,5
E3	LLK 16.016 E3	16/0,6	16/0,6	—	519828	15
E3	LLK 16.030 E3	16/0,6	30/1,2	—	519842	18

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Powder coating finish available in various colours.
Splice plates to be ordered separately.



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SURFACE METAL RACEWAY

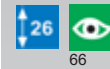
Surface Metal Raceway

cover included

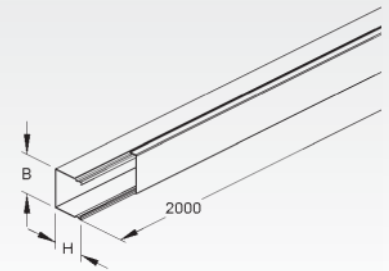
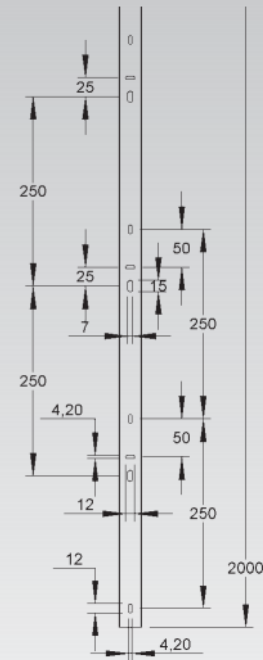
model no.	height H mm/Inch	width B mm/Inch	RAL colour	EAN code	Weight per 100 m kg
S LLK 26.030	26/1	30/1,2	—	506903	52,5
C LLK 26.030 R	26/1	30/1,2	9010	507597	52,5
C LLK 26.030 W	26/1	30/1,2	9001	507207	52,5
E3 LLK 26.030 E3	26/1	30/1,2	—	519866	24

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Powder coating finish available in various colours.
Splice plates to be ordered separately.



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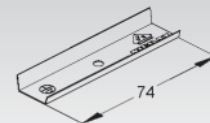


Splice Plate

model no.	width B mm/Inch	EAN code	Weight per 100 pc. kg
MS LST 16.016	74/2,9	516209	5
MS LST 16.030	74/2,9	516308	1
MS LST 26.030	74/2,9	516407	1,2

mechanical splice and electrical connector for raceways

For: Small Surface Metal Raceway



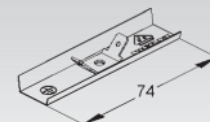
Splice Plate

with flat contact pin (6,3 mm) for protective grounding

model no.	width B mm/Inch	EAN code	Weight per 100 pc. kg
MS LSTA 16.016	74/2,9	516704	0,6
MS LSTA 16.030	74/2,9	516803	1,1
MS LSTA 26.030	74/2,9	516902	1,3

mechanical splice and electrical connector for raceways

For: Small Surface Metal Raceway



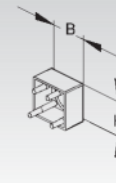
End-Cap

black

model no.	height H	width B	color	EAN code	Weight per 100 pc. kg
	mm/Inch	mm/Inch			
K04 LED 16.016	16/0,6	16/0,6	black	517725	2
K04 LED 16.030	16/0,6	30/1,2	black	517732	4
K04 LED 26.030	26/1	30/1,2	black	517749	4,5

For: Small Surface Metal Raceway

16 26



End-Protection Ring

dark grey

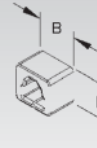
model no.	height H	width B	RAL colour	EAN code	Weight per 100 pc. kg
	mm/Inch	mm/Inch			
K04 LER 16.016	16/0,6	16/0,6	ähnl. 7021	887606	0,2
K04 LER 16.030	16/0,6	30/1,2	ähnl. 7021	887637	0,3
K04 LER 26.030	26/1	30/1,2	ähnl. 7021	887668	0,3

contains no silicone

For: Small Surface Metal Raceway

Can be attached to the raceway even after installation.

16 26



Surface Metal Raceway

with pre-drilled mounting holes in bottom, cover included

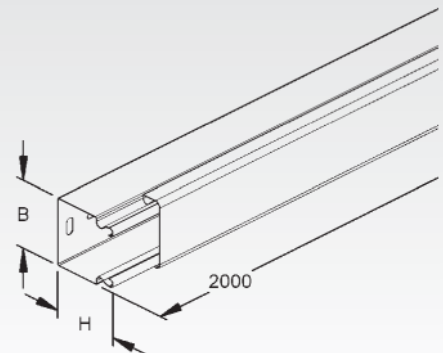
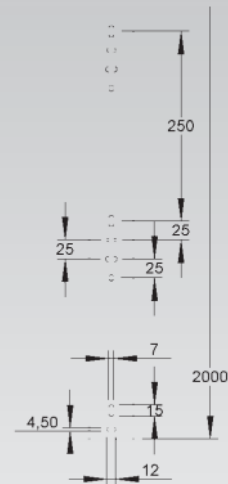
model no.	height H	width B	RAL colour	EAN code	Weight per 100 m kg
	mm/Inch	mm/Inch			
S LLK 40.040	40/1,6	40/1,6	—	508976	97,5
S LLK 40.060	40/1,6	60/2,3	—	509003	147
S LLK 60.060	60/2,3	60/2,3	—	509102	171
C LLK 40.040 R	40/1,6	40/1,6	9010	813605	97,5
C LLK 40.060 R	40/1,6	60/2,3	9010	509423	147
C LLK 60.060 R	60/2,3	60/2,3	9010	509430	171
C LLK 40.040 W	40/1,6	40/1,6	9001	509485	97,5
C LLK 40.060 W	40/1,6	60/2,3	9001	509508	147
C LLK 60.060 W	60/2,3	60/2,3	9001	509607	171
E3 LLK 40.040 E3	40/1,6	40/1,6	—	520268	80
E3 LLK 40.060 E3	40/1,6	60/2,3	—	520305	147
E3 LLK 60.060 E3	60/2,3	60/2,3	—	520404	171

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Powder coating finish available in various colours.

Splice plates to be ordered separately.

60 40



SURFACE METAL RACEWAY

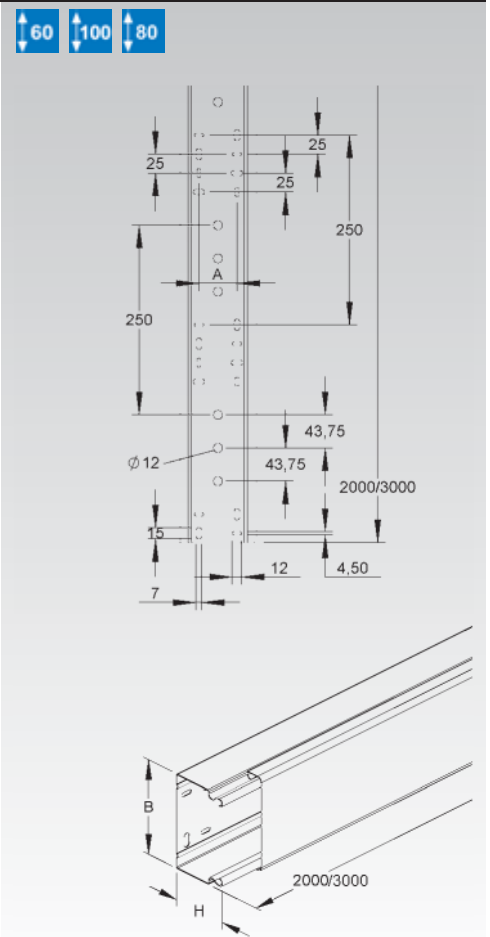
Surface Metal Raceway

with pre-drilled mounting holes in bottom, cover included

model no.	height H mm/Inch	width B mm/Inch	distance between drilling holes mm/Inch	RAL colour	EAN code	Weight per 100 m kg
S LLK 60.100	60/2,3	100/3,9	50	—	509201	218
S LLK 60.150	60/2,3	150/5,8	100	—	509300	332
S LLK 60.200	60/2,3	200/7,8	150	—	509409	403
S LLK 80.080	80/3,1	80/3,1	30	—	789702	262
S LLK 100.100	100/3,9	100/3,9	50	—	789757	318
C LLK 60.100 R	60/2,3	100/3,9	50	9010	509447	218
C LLK 60.150 R	60/2,3	150/5,8	100	9010	509454	332
C LLK 60.200 R	60/2,3	200/7,8	150	9010	509461	403
C LLK 80.080 R	80/3,1	80/3,1	30	9010	813704	262
C LLK 100.100 R	100/3,9	100/3,9	50	9010	813759	318
C LLK 60.100 W	60/2,3	100/3,9	50	9001	509706	218
C LLK 60.150 W	60/2,3	150/5,8	100	9001	509805	332
C LLK 60.200 W	60/2,3	200/7,8	150	9001	509904	403
C LLK 80.080 W	80/3,1	80/3,1	30	9001	789801	262
C LLK 100.100 W	100/3,9	100/3,9	50	9001	789856	318
E3 LLK 60.100 E3	60/2,3	100/3,9	50	—	520503	218
E3 LLK 60.200 E3	60/2,3	200/7,8	150	—	520602	403
E3 LLK 80.080 E3	80/3,1	80/3,1	30	—	520626	262
E3 LLK 100.100 E3	100/3,9	100/3,9	50	—	520633	318

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism. centric punch hole (diameter 12 mm) in the bottom plate for E3 finish
no centric punch holes in the bottom plate for S or F finish

Powder coating finish available in various colours.
Splice plates to be ordered separately.



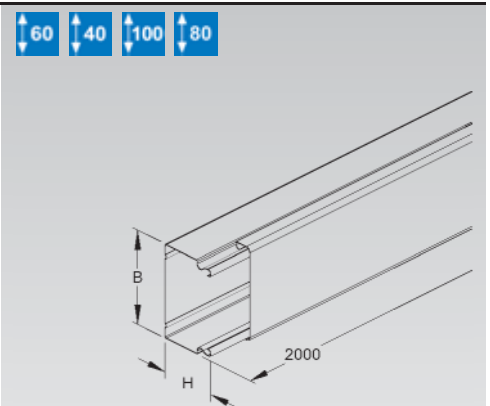
Surface Metal Raceway

solid bottom, including cover

model no.	height H mm/Inch	width B mm/Inch	RAL colour	EAN code	Weight per 100 m kg
S LUK 40.040	40/1,6	40/1,6	—	508921	80
S LUK 40.060	40/1,6	60/2,3	—	700004	147
S LUK 60.060	60/2,3	60/2,3	—	700103	171
S LUK 60.100	60/2,3	100/3,9	—	700202	218
S LUK 60.150	60/2,3	150/5,8	—	700301	332
S LUK 60.200	60/2,3	200/7,8	—	700400	403
S LUK 80.080	80/3,1	80/3,1	—	508938	262
S LUK 100.100	100/3,9	100/3,9	—	508945	318
C LUK 40.040 W	40/1,6	40/1,6	9001	508952	80
C LUK 40.060 W	40/1,6	60/2,3	9001	700509	147
C LUK 60.060 W	60/2,3	60/2,3	9001	700608	171
C LUK 60.100 W	60/2,3	100/3,9	9001	700707	218
C LUK 60.150 W	60/2,3	150/5,8	9001	700806	332
C LUK 60.200 W	60/2,3	200/7,8	9001	700905	403
C LUK 80.080 W	80/3,1	80/3,1	9001	792801	262
C LUK 100.100 W	100/3,9	100/3,9	9001	508969	318
E3 LUK 40.040 E3	40/1,6	40/1,6	—	519880	80
E3 LUK 40.060 E3	40/1,6	60/2,3	—	519903	147
E3 LUK 60.060 E3	60/2,3	60/2,3	—	520008	171
E3 LUK 60.100 E3	60/2,3	100/3,9	—	520107	218
E3 LUK 60.200 E3	60/2,3	200/7,8	—	520206	403
E3 LUK 80.080 E3	80/3,1	80/3,1	—	520220	262

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Powder coating finish available in various colours.
Splice plates to be ordered separately.



Splice Plate

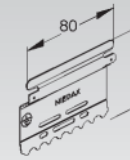
with flat contact pin (6,3 mm) for protective grounding

	model no.	height H mm/Inch	EAN code	Weight per 100 pc. kg
S	LST 40	40/1,6	516506	1,5
S	LST 60	60/2,3	516605	1,7
S	LST 80	80/3,1	516643	3,7
S	LST 100	100/3,9	516667	4,6
E3	LST 40 E3	40/1,6	524006	0,8
E3	LST 60 E3	60/2,3	524105	0,9
E3	LST 80 E3	80/3,1	524129	3,9
E3	LST 100 E3	100/3,9	524143	4,9

mechanical splice and electrical connector for raceways

For: Surface Metal Raceway

60 40 100 80

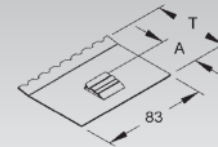


Mounting Plate for Barrier Strip

	model no.	depth T mm/Inch	dist. A mm/Inch	EAN code	Weight per 100 pc. kg
S	TPH 60	59	30	806003	3
S	TPH 80	78	37	459278	3
E3	TPH 60 E3	59	30	840007	3,5
E3	TPH 80 E3	78	37	840052	4,5

For: Surface Metal Raceways

Equipotential bonding guaranteed after proper installation.



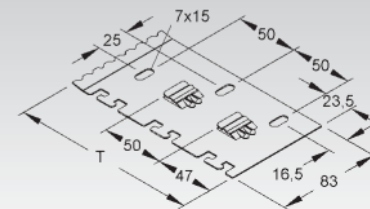
Mounting Plate for Barrier Strip

with strain relief

	model no.	depth T mm/Inch	EAN code	Weight per 100 pc. kg
S	LZTP 100	99	833009	5,5
S	LZTP 150	149	833054	8,5
S	LZTP 200	199	833108	11,5
E3	LZTP 100 E3	99	840403	6,5
E3	LZTP 200 E3	199	840458	12,5

For: Surface Metal Raceways

Equipotential bonding guaranteed after proper installation.



Barrier Strip

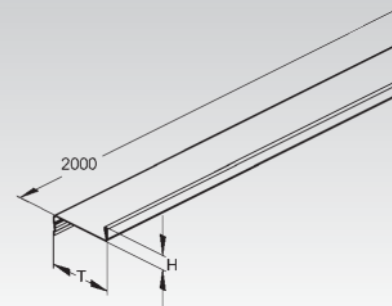
	model no.	height H mm/Inch	depth T mm/Inch	EAN code	Weight per 100 m kg
S	TPS 30	11/0,4	30	459223	50
S	TPS 50	11/0,4	50	459247	78
S	TPS 70	11/0,4	70	459261	80
S	TPS 90	11/0,4	90	720309	79
E3	TPS 50 E3	11/0,4	50	459216	50
E3	TPS 90 E3	11/0,4	90	865406	79

to separate wires and cables of different voltage levels or with different functions

For: Surface Metal Raceway

Equipotential bonding guaranteed after proper installation.

50 30 70 90



SURFACE METAL RACEWAY

Outside Elbow 45°

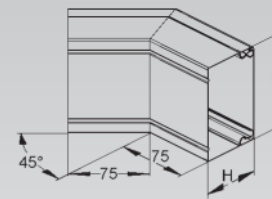
cover included

model no.	height H mm/Inch	width B mm/Inch	RAL colour	EAN code	Weight per 100 pc. kg
S LUAB 40.040	40/1,6	40/1,6	—	790609	14
S LUAB 40.060	40/1,6	60/2,3	—	512706	39
S LUAB 60.060	60/2,3	60/2,3	—	512805	42
S LUAB 60.100	60/2,3	100/3,9	—	512904	48
S LUAB 60.150	60/2,3	150/5,8	—	513000	59
S LUAB 60.200	60/2,3	200/7,8	—	513109	72
S LUAB 80.080	80/3,1	80/3,1	—	790708	48
S LUAB 100.100	100/3,9	100/3,9	—	790753	61
C LUAB 40.040 W	40/1,6	40/1,6	9001	790807	14
C LUAB 40.060 W	40/1,6	60/2,3	9001	513116	39
C LUAB 60.060 W	60/2,3	60/2,3	9001	513130	42
C LUAB 60.100 W	60/2,3	100/3,9	9001	513154	48
C LUAB 60.150 W	60/2,3	150/5,8	9001	513178	59
C LUAB 60.200 W	60/2,3	200/7,8	9001	513192	72
C LUAB 80.080 W	80/3,1	80/3,1	9001	790906	48
C LUAB 100.100 W	100/3,9	100/3,9	9001	790951	61
E3 LUAB 40.040 E3	40/1,6	40/1,6	—	521968	19
E3 LUAB 40.060 E3	40/1,6	60/2,3	—	522002	39
E3 LUAB 60.060 E3	60/2,3	60/2,3	—	522101	42
E3 LUAB 60.100 E3	60/2,3	100/3,9	—	522200	48
E3 LUAB 60.200 E3	60/2,3	200/7,8	—	522309	72
E3 LUAB 80.080 E3	80/3,1	80/3,1	—	522323	46
E3 LUAB 100.100E3	100/3,9	100/3,9	—	522347	57

For: Surface Metal Raceway

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Splice plates to be ordered separately.



Inside Elbow 45°

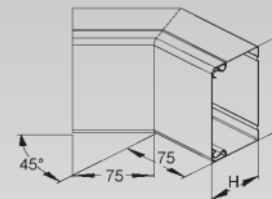
cover included

model no.	height H mm/Inch	width B mm/Inch	RAL colour	EAN code	Weight per 100 pc. kg
S LUIB 40.040	40/1,6	40/1,6	—	790203	14
S LUIB 40.060	40/1,6	60/2,3	—	512201	34
S LUIB 60.060	60/2,3	60/2,3	—	512300	36
S LUIB 60.100	60/2,3	100/3,9	—	512409	46
S LUIB 60.150	60/2,3	150/5,8	—	512508	58
S LUIB 60.200	60/2,3	200/7,8	—	512607	71
S LUIB 80.080	80/3,1	80/3,1	—	790302	48
S LUIB 100.100	100/3,9	100/3,9	—	790357	61
C LUIB 40.040 W	40/1,6	40/1,6	9001	790401	14
C LUIB 40.060 W	40/1,6	60/2,3	9001	512614	34
C LUIB 60.060 W	60/2,3	60/2,3	9001	512638	36
C LUIB 60.100 W	60/2,3	100/3,9	9001	512652	46
C LUIB 60.150 W	60/2,3	150/5,8	9001	512676	58
C LUIB 60.200 W	60/2,3	200/7,8	9001	512690	71
C LUIB 80.080 W	80/3,1	80/3,1	9001	790500	48
C LUIB 100.100 W	100/3,9	100/3,9	9001	790555	61
E3 LUIB 40.040 E3	40/1,6	40/1,6	—	521562	14
E3 LUIB 40.060 E3	40/1,6	60/2,3	—	521609	34
E3 LUIB 60.060 E3	60/2,3	60/2,3	—	521708	36
E3 LUIB 60.100 E3	60/2,3	100/3,9	—	521807	46
E3 LUIB 60.200 E3	60/2,3	200/7,8	—	521906	71
E3 LUIB 80.080 E3	80/3,1	80/3,1	—	521920	45
E3 LUIB 100.100E3	100/3,9	100/3,9	—	521944	56

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.



Elbow 45°

cover included

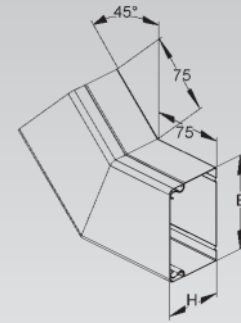
model no.	height H mm/Inch	width B mm/Inch	RAL colour	EAN code	Weight per 100 pc. kg
S LUWB 40.040	40/1,6	40/1,6	—	511648	14
S LUWB 40.060	40/1,6	60/2,3	—	511709	36
S LUWB 60.060	60/2,3	60/2,3	—	511808	38
S LUWB 60.100	60/2,3	100/3,9	—	511907	49
S LUWB 60.150	60/2,3	150/5,8	—	512003	66
S LUWB 60.200	60/2,3	200/7,8	—	512102	85
S LUWB 80.080	80/3,1	80/3,1	—	789900	48
S LUWB 100.100	100/3,9	100/3,9	—	789955	61
C LUWB 40.040 W	40/1,6	40/1,6	9001	790005	14
C LUWB 40.060 W	40/1,6	60/2,3	9001	512119	36
C LUWB 60.060 W	60/2,3	60/2,3	9001	512133	38
C LUWB 60.100 W	60/2,3	100/3,9	9001	512157	49
C LUWB 60.150 W	60/2,3	150/5,8	9001	512171	66
C LUWB 60.200 W	60/2,3	200/7,8	9001	512195	85
C LUWB 80.080 W	80/3,1	80/3,1	9001	790104	48
C LUWB 100.100 W	100/3,9	100/3,9	9001	790159	61
E3 LUWB 40.040 E3	40/1,6	40/1,6	—	521142	14
E3 LUWB 40.060 E3	40/1,6	60/2,3	—	521203	36
E3 LUWB 60.060 E3	60/2,3	60/2,3	—	521302	38
E3 LUWB 60.100 E3	60/2,3	100/3,9	—	521401	49
E3 LUWB 60.200 E3	60/2,3	200/7,8	—	521500	85
E3 LUWB 80.080 E3	80/3,1	80/3,1	—	521524	45
E3 LUWB 100.100E3	100/3,9	100/3,9	—	521548	56

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.

60 40 100 80



Outside Elbow 90°

cover included

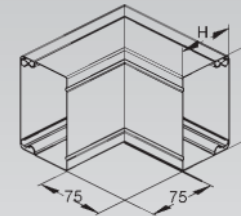
model no.	height H mm/Inch	width B mm/Inch	RAL colour	EAN code	Weight per 100 pc. kg
S LUAC 40.040	40/1,6	40/1,6	—	791804	16
S LUAC 40.060	40/1,6	60/2,3	—	514205	50
S LUAC 60.060	60/2,3	60/2,3	—	514304	53
S LUAC 60.100	60/2,3	100/3,9	—	514403	60
S LUAC 60.150	60/2,3	150/5,8	—	514502	74
S LUAC 60.200	60/2,3	200/7,8	—	514601	90
S LUAC 80.080	80/3,1	80/3,1	—	791903	60,5
S LUAC 100.100	100/3,9	100/3,9	—	791958	95,5
C LUAC 40.040 W	40/1,6	40/1,6	9001	792009	16
C LUAC 40.060 W	40/1,6	60/2,3	9001	514618	50
C LUAC 60.060 W	60/2,3	60/2,3	9001	514632	53
C LUAC 60.100 W	60/2,3	100/3,9	9001	514656	60
C LUAC 60.150 W	60/2,3	150/5,8	9001	514670	74
C LUAC 60.200 W	60/2,3	200/7,8	9001	514694	90
C LUAC 80.080 W	80/3,1	80/3,1	9001	792108	60,5
C LUAC 100.100 W	100/3,9	100/3,9	9001	792153	95,5
E3 LUAC 40.040 E3	40/1,6	40/1,6	—	523160	16
E3 LUAC 40.060 E3	40/1,6	60/2,3	—	523207	50
E3 LUAC 60.060 E3	60/2,3	60/2,3	—	523306	53
E3 LUAC 60.100 E3	60/2,3	100/3,9	—	523405	60
E3 LUAC 60.200 E3	60/2,3	200/7,8	—	523504	90
E3 LUAC 80.080 E3	80/3,1	80/3,1	—	523542	65
E3 LUAC 100.100E3	100/3,9	100/3,9	—	523566	98

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.

60 40 100 80



SURFACE METAL RACEWAY

Outside Elbow (2 x 45°)

solid bottom, including cover

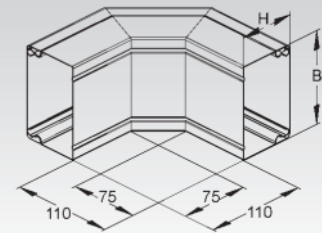
model no.	height H mm/Inch	width B mm/Inch	EAN code	Weight per 100 pc. kg
E3 LUAD 60.060 E3	60/2,3	60/2,3	732708	63
E3 LUAD 60.100 E3	60/2,3	100/3,9	732807	72
E3 LUAD 60.200 E3	60/2,3	200/7,8	732906	108

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.

60



Outside Elbow Building Block

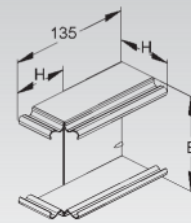
model no.	height H mm/Inch	width B mm/Inch	RAL colour	EAN code	Weight per 100 pc. kg
S LUAE 60.060	60/2,3	60/2,3	—	766901	18
S LUAE 60.100	60/2,3	100/3,9	—	767007	20,3
S LUAE 60.150	60/2,3	150/5,8	—	767106	23,5
S LUAE 60.200	60/2,3	200/7,8	—	767205	27
C LUAE 60.060 W	60/2,3	60/2,3	9001	767304	18
C LUAE 60.100 W	60/2,3	100/3,9	9001	767403	20,3
C LUAE 60.150 W	60/2,3	150/5,8	9001	767502	23,5
C LUAE 60.200 W	60/2,3	200/7,8	9001	767601	27

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.

60



Inside Elbow 90°

cover included

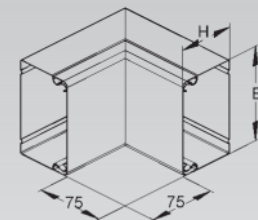
model no.	height H mm/Inch	width B mm/Inch	RAL colour	EAN code	Weight per 100 pc. kg
S LUIC 40.040	40/1,6	40/1,6	—	791408	41
S LUIC 40.060	40/1,6	60/2,3	—	513703	43
S LUIC 60.060	60/2,3	60/2,3	—	513802	45
S LUIC 60.100	60/2,3	100/3,9	—	513901	58
S LUIC 60.150	60/2,3	150/5,8	—	514007	73
S LUIC 60.200	60/2,3	200/7,8	—	514106	89
S LUIC 80.080	80/3,1	80/3,1	—	791507	54
S LUIC 100.100	100/3,9	100/3,9	—	791552	86,5
C LUIC 40.040 W	40/1,6	40/1,6	9001	791606	41
C LUIC 40.060 W	40/1,6	60/2,3	9001	514113	43
C LUIC 60.060 W	60/2,3	60/2,3	9001	514137	45
C LUIC 60.100 W	60/2,3	100/3,9	9001	514151	58
C LUIC 60.150 W	60/2,3	150/5,8	9001	514175	73
C LUIC 60.200 W	60/2,3	200/7,8	9001	514199	89
C LUIC 80.080 W	80/3,1	80/3,1	9001	791705	54
C LUIC 100.100 W	100/3,9	100/3,9	9001	791750	86,5
E3 LUIC 40.040 E3	40/1,6	40/1,6	—	522781	19
E3 LUIC 40.060 E3	40/1,6	60/2,3	—	522804	43
E3 LUIC 60.060 E3	60/2,3	60/2,3	—	522903	45
E3 LUIC 60.100 E3	60/2,3	100/3,9	—	523009	58
E3 LUIC 60.200 E3	60/2,3	200/7,8	—	523108	89
E3 LUIC 80.080 E3	80/3,1	80/3,1	—	523122	58
E3 LUIC 100.100E3	100/3,9	100/3,9	—	523146	74

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.

60 40 100 80



Inside Elbow (2 x 45°)

solid bottom, including cover

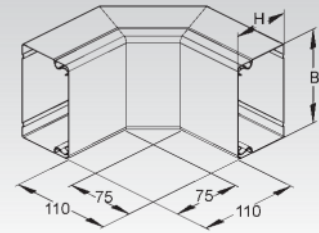
model no.	height H mm/Inch	width B mm/Inch	EAN code	Weight per 100 pc. kg
E3 LUID 60.060 E3	60/2,3	60/2,3	732401	54
E3 LUID 60.100 E3	60/2,3	100/3,9	732500	69
E3 LUID 60.200 E3	60/2,3	200/7,8	732609	107

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.

60



Inside Elbow Building Block

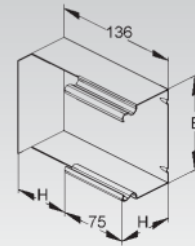
model no.	height H mm/Inch	width B mm/Inch	RAL colour	EAN code	Weight per 100 pc. kg
S LUIE 60.060	60/2,3	60/2,3	—	766109	19
S LUIE 60.100	60/2,3	100/3,9	—	766208	25,3
S LUIE 60.150	60/2,3	150/5,8	—	766307	33
S LUIE 60.200	60/2,3	200/7,8	—	766406	41
C LUIE 60.060 W	60/2,3	60/2,3	9001	766505	19
C LUIE 60.100 W	60/2,3	100/3,9	9001	766604	25,3
C LUIE 60.150 W	60/2,3	150/5,8	9001	766703	33
C LUIE 60.200 W	60/2,3	200/7,8	9001	766802	41

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.

60



Elbow 90°

cover included

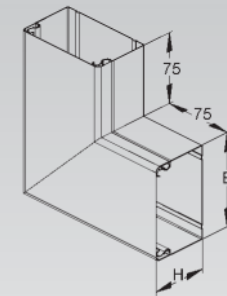
model no.	height H mm/Inch	width B mm/Inch	RAL colour	EAN code	Weight per 100 pc. kg
S LUWC 40.040	40/1,6	40/1,6	—	791002	43
S LUWC 40.060	40/1,6	60/2,3	—	513208	45
S LUWC 60.060	60/2,3	60/2,3	—	513307	47
S LUWC 60.100	60/2,3	100/3,9	—	513406	61
S LUWC 60.150	60/2,3	150/5,8	—	513505	83
S LUWC 60.200	60/2,3	200/7,8	—	513604	107
S LUWC 80.080	80/3,1	80/3,1	—	791101	58,5
S LUWC 100.100	100/3,9	100/3,9	—	791156	91,5
C LUWC 40.040 W	40/1,6	40/1,6	9001	791200	43
C LUWC 40.060 W	40/1,6	60/2,3	9001	513611	45
C LUWC 60.060 W	60/2,3	60/2,3	9001	513635	47
C LUWC 60.100 W	60/2,3	100/3,9	9001	513659	61
C LUWC 60.150 W	60/2,3	150/5,8	9001	513673	83
C LUWC 60.200 W	60/2,3	200/7,8	9001	513697	107
C LUWC 80.080 W	80/3,1	80/3,1	9001	791309	58,5
C LUWC 100.100 W	100/3,9	100/3,9	9001	791354	91,5
E3 LUWC 40.040 E3	40/1,6	40/1,6	—	522361	16
E3 LUWC 40.060 E3	40/1,6	60/2,3	—	522408	45
E3 LUWC 60.060 E3	60/2,3	60/2,3	—	522507	47
E3 LUWC 60.100 E3	60/2,3	100/3,9	—	522606	61
E3 LUWC 60.200 E3	60/2,3	200/7,8	—	522705	107
E3 LUWC 80.080 E3	80/3,1	80/3,1	—	522743	62,5
E3 LUWC 100.100E3	100/3,9	100/3,9	—	522767	83

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.

60 40 100 80



SURFACE METAL RACEWAY

Elbow (2 x 45°)

solid bottom, including cover

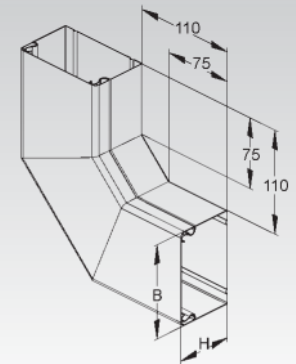
model no.	height H	width B	EAN code	Weight per 100 pc. kg
	mm/Inch	mm/Inch		
E3 LUWD 60.060 E3	60/2,3	60/2,3	732104	57
E3 LUWD 60.100 E3	60/2,3	100/3,9	732203	74
E3 LUWD 60.200 E3	60/2,3	200/7,8	732302	128

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.

60



Elbow Building Block

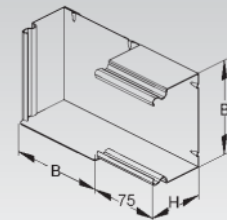
model no.	height H	width B	RAL colour	EAN code	Weight per 100 pc. kg
	mm/Inch	mm/Inch			
S LUWE 60.060	60/2,3	60/2,3	—	767700	20
S LUWE 60.100	60/2,3	100/3,9	—	767809	32
S LUWE 60.150	60/2,3	150/5,8	—	767908	51
S LUWE 60.200	60/2,3	200/7,8	—	768004	72
C LUWE 60.060 W	60/2,3	60/2,3	9001	768103	20
C LUWE 60.100 W	60/2,3	100/3,9	9001	768202	32
C LUWE 60.200 W	60/2,3	200/7,8	9001	768400	72

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.

60



Wide Radius Tee

cover included

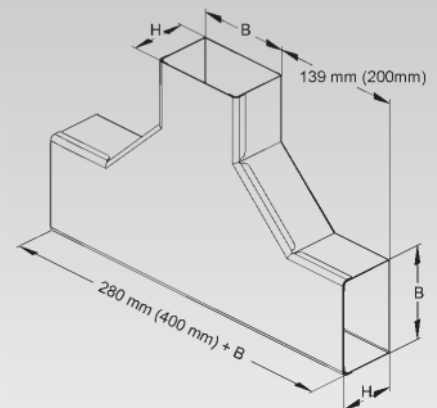
model no.	height H	width B	RAL colour	EAN code	Weight per 100 pc. kg
	mm/Inch	mm/Inch			
S LUTC 40.060	40/1,6	60/2,3	—	514700	89
S LUTC 60.060	60/2,3	60/2,3	—	514809	60
S LUTC 60.100	60/2,3	100/3,9	—	514908	80
S LUTC 60.150	60/2,3	150/5,8	—	515004	100
S LUTC 60.200	60/2,3	200/7,8	—	515103	130
S LUTC 80.080	80/3,1	80/3,1	—	799800	90
S LUTC 100.100	100/3,9	100/3,9	—	799855	120
C LUTC 40.060 W	40/1,6	60/2,3	9001	515110	89
C LUTC 60.060 W	60/2,3	60/2,3	9001	515134	60
C LUTC 60.100 W	60/2,3	100/3,9	9001	515158	80
C LUTC 60.150 W	60/2,3	150/5,8	9001	515172	100
C LUTC 60.200 W	60/2,3	200/7,8	9001	515196	130
C LUTC 80.080 W	80/3,1	80/3,1	9001	813858	90
C LUTC 100.100 W	100/3,9	100/3,9	9001	813902	120
E3 LUTC 40.060 E3	40/1,6	60/2,3	—	523603	90
E3 LUTC 60.060 E3	60/2,3	60/2,3	—	523702	60
E3 LUTC 60.100 E3	60/2,3	100/3,9	—	523801	80
E3 LUTC 80.080 E3	80/3,1	80/3,1	—	798704	80
E3 LUTC 100.100 E3	100/3,9	100/3,9	—	798728	110

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.

60 40 100 80



Tee

cover included

model no.	height H mm/Inch	width B mm/Inch	width of exit A mm/Inch	RAL colour	EAN code	Weight per 100 pc. kg
S LUT 4.4.4	40/1,6	40/1,6	40	—	792207	27
S LUT 4.6.4	40/1,6	60/2,3	40	—	792252	27
S LUT 6.6.6	60/2,3	60/2,3	60	—	515202	43
S LUT 6.10.6	60/2,3	100/3,9	60	—	515301	52
S LUT 6.10.10	60/2,3	100/3,9	100	—	515400	52
S LUT 6.15.6	60/2,3	150/5,8	60	—	515509	74
S LUT 6.15.10	60/2,3	150/5,8	100	—	515608	74
S LUT 6.15.15	60/2,3	150/5,8	150	—	515707	74
S LUT 6.20.6	60/2,3	200/7,8	60	—	515806	87
S LUT 6.20.10	60/2,3	200/7,8	100	—	515905	87
S LUT 6.20.15	60/2,3	200/7,8	150	—	516001	87
S LUT 6.20.20	60/2,3	200/7,8	200	—	516100	87
S LUT 8.8.8	80/3,1	80/3,1	80	—	792306	65
S LUT 10.10.10	100/3,9	100/3,9	100	—	792351	80
C LUT 4.4.4 W	40/1,6	40/1,6	40	9001	792405	27
C LUT 4.6.4 W	40/1,6	60/2,3	40	9001	792450	30
C LUT 6.6.6 W	60/2,3	60/2,3	60	9001	709205	43
C LUT 6.10.6 W	60/2,3	100/3,9	60	9001	516117	52
C LUT 6.10.10 W	60/2,3	100/3,9	100	9001	709304	52
C LUT 6.15.6 W	60/2,3	150/5,8	60	9001	516124	74
C LUT 6.15.10 W	60/2,3	150/5,8	100	9001	516131	74
C LUT 6.15.15 W	60/2,3	150/5,8	150	9001	709403	74
C LUT 6.20.6 W	60/2,3	200/7,8	60	9001	516148	87
C LUT 6.20.10 W	60/2,3	200/7,8	100	9001	516155	87
C LUT 6.20.15 W	60/2,3	200/7,8	150	9001	516162	87
C LUT 6.20.20 W	60/2,3	200/7,8	200	9001	709502	87
C LUT 8.8.8 W	80/3,1	80/3,1	80	9001	516186	65
C LUT 10.10.10 W	100/3,9	100/3,9	100	9001	516193	81
E3 LUT 4.4.4 E3	40/1,6	40/1,6	40	—	523924	27
E3 LUT 4.6.4 E3	40/1,6	60/2,3	40	—	523948	27
E3 LUT 6.6.6 E3	60/2,3	60/2,3	60	—	798803	43
E3 LUT 6.10.6 E3	60/2,3	100/3,9	60	—	798810	52
E3 LUT 6.10.10 E3	60/2,3	100/3,9	100	—	798827	52
E3 LUT 6.20.6 E3	60/2,3	200/7,8	60	—	798834	87
E3 LUT 6.20.10 E3	60/2,3	200/7,8	100	—	798841	87
E3 LUT 6.20.20 E3	60/2,3	200/7,8	200	—	798858	87
E3 LUT 8.8.8 E3	80/3,1	80/3,1	80	—	523962	65
E3 LUT 10.10.10 E3	100/3,9	100/3,9	100	—	523986	80

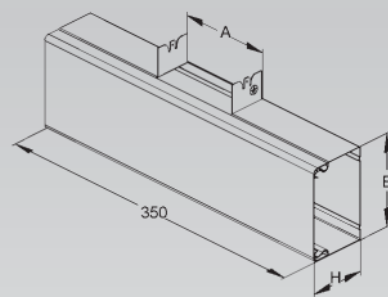
H x B = Height x width of the principal direction

A = Width of the outlet (height as at the principal direction)

For: Surface Metal Raceway

LS type raceway has to be grounded properly. Use boltless splice plate LST or LSTA to interconnect straight sections and fittings. The equipotential bonding of covers is guaranteed by the snap on mechanism.

Splice plates to be ordered separately.



SURFACE METAL RACEWAY

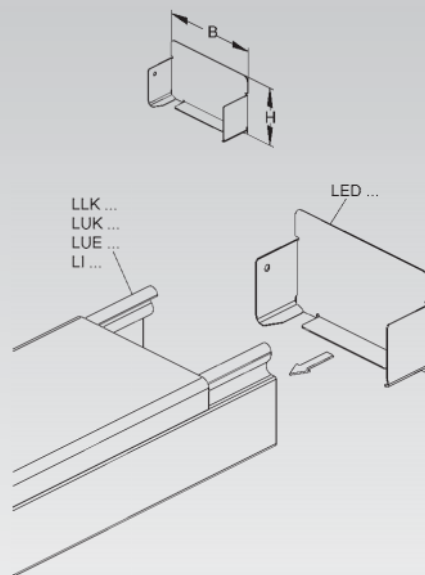
End-Cap

model no.	height H	width B	RAL colour	EAN code	Weight per 100 pc. kg
	mm/Inch	mm/Inch			
S LED 40.040	40/1,6	40/1,6	—	517763	1,7
S LED 40.060	40/1,6	60/2,3	—	517800	2,5
S LED 60.060	60/2,3	60/2,3	—	517909	4
S LED 60.100	60/2,3	100/3,9	—	518005	6
S LED 60.150	60/2,3	150/5,8	—	518104	8
S LED 60.200	60/2,3	200/7,8	—	518203	10
S LED 80.080	80/3,1	80/3,1	—	792504	7
S LED 100.100	100/3,9	100/3,9	—	792559	10
C LED 40.040 R	40/1,6	40/1,6	9010	832804	1,7
C LED 40.040 W	40/1,6	40/1,6	9001	792603	1,7
C LED 40.060 R	40/1,6	60/2,3	9010	832835	2,5
C LED 40.060 W	40/1,6	60/2,3	9001	708208	2,5
C LED 60.060 R	60/2,3	60/2,3	9010	832866	4
C LED 60.060 W	60/2,3	60/2,3	9001	708307	4
C LED 60.100 R	60/2,3	100/3,9	9010	832897	6
C LED 60.100 W	60/2,3	100/3,9	9001	708406	6
C LED 60.150 R	60/2,3	150/5,8	9010	832927	8
C LED 60.150 W	60/2,3	150/5,8	9001	708505	8
C LED 60.200 R	60/2,3	200/7,8	9010	832958	10
C LED 60.200 W	60/2,3	200/7,8	9001	708604	10
C LED 80.080 R	80/3,1	80/3,1	9010	832972	7
C LED 80.080 W	80/3,1	80/3,1	9001	792658	7
C LED 100.100 R	100/3,9	100/3,9	9010	832996	10
C LED 100.100 W	100/3,9	100/3,9	9001	792702	10
E3 LED 40.040 E3	40/1,6	40/1,6	—	524167	1,7
E3 LED 40.060 E3	40/1,6	60/2,3	—	524204	2,5
E3 LED 60.060 E3	60/2,3	60/2,3	—	524303	4
E3 LED 60.100 E3	60/2,3	100/3,9	—	524402	6
E3 LED 60.200 E3	60/2,3	200/7,8	—	524501	10
E3 LED 80.080 E3	80/3,1	80/3,1	—	524549	7
E3 LED 100.100 E3	100/3,9	100/3,9	—	524563	10

For: Surface Metal Raceway

Equipotential bonding guaranteed after proper installation.

60 40 100 80



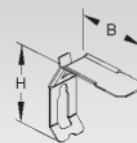
Cable Support Clamp

model no.	height H	width B	EAN code	Weight per 100 pc. kg
	mm/Inch	mm/Inch		
E2 LHS 60.100 E2	60/2,3	55/2,1	517206	2,4
E2 LHS 60.150 E2	60/2,3	105/4,1	517305	3,3
E2 LHS 60.200 E2	60/2,3	155/6	517404	4,3
E2 LHS 80.080 E2	80/3,1	35/1,4	517442	2,4
E2 LHS 100.100 E2	100/3,9	55/2,1	517466	3,4

to easy installation of cables

For: Surface Metal Raceway

60 100 80



End-Protection Ring

dark grey

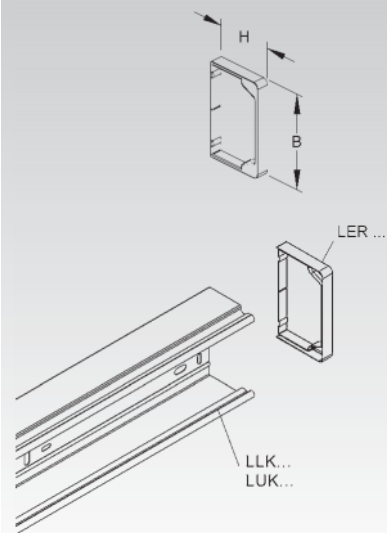
model no.	height H	width B	RAL colour	EAN code	Weight per 100 pc. kg
	mm/Inch	mm/Inch			
K04 LER 40.040	40/1,6	40/1,6	ähnl. 7021	865109	0,5
K04 LER 40.060	40/1,6	60/2,3	ähnl. 7021	865154	0,5
K04 LER 60.060	60/2,3	60/2,3	ähnl. 7021	865208	0,6
K04 LER 60.100	60/2,3	100/3,9	ähnl. 7021	865253	0,8
K04 LER 80.080	80/3,1	80/3,1	ähnl. 7021	887705	1,5
K04 LER 100.100	100/3,9	100/3,9	ähnl. 7021	887750	1,7

contains no silicone

For: Surface Metal Raceway

Can be attached to the raceway even after installation.

60 40 100 80



End-Protection Ring

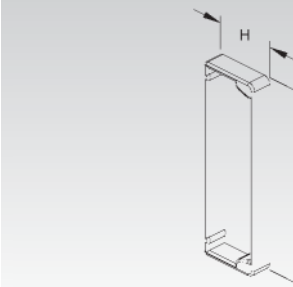
black

model no.	height H	width B	color	EAN code	Weight per 100 pc. kg
	mm/Inch	mm/Inch			
K10 LES 60.150	60/2,3	150/5,8	black	518258	5,5
K10 LES 60.200	60/2,3	200/7,8	black	518265	6

For: Surface Metal Raceway

In case of subsequent installation you must cut the end protection ring and put it around the cables.

60



Equipotential Bonding Wire

cross sectional area 2,5 mm², with 1 blade receptacle 6,3 mm and 1 wire end sleeve

model no.	length A	EAN code	Weight per 100 pc. kg
	mm/Inch		
CU GSL 150	150/5,8	461608	0,8



Equipotential Bonding Wire

cross sectional area 2,5 mm², with 2 blade receptacles 6,3 mm

model no.	length A	EAN code	Weight per 100 pc. kg
	mm/Inch		
CU GSLH 200	200/7,8	461707	1
CU GSLH 350	350/13,6	461745	1,5



Corrosion resistant steels (chrome-nickel-steel) show high electric resistance. Please connect an extra ground wire to the bottom of the surface metal raceway for better equipotential bonding. Please use a boltless splice plate type LST and an equipotential bonding jumper type GSL 150 for easy installation.

Please use a "vampire" type clamp to interconnect the grounding wire
Equipotential bonding of covers is guaranteed by the snap on mechanism.

Lifting Device for Covers

model no.	RAL colour	EAN code	Weight per 100 pc. kg
DH 55	9005	417483	2

for fast dismantling of raceway covers

