



LITE-LIGHT®

Q-RAIL  
THE NEXT DIMENSION

# Q-RAIL

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THE NEXT DIMENSION

New building or refurbishment: Easy and quick assembly is the primary focus of the design-oriented Q-Rail trunking system from LITE-LICHT. Q-Rail considerably saves time. Due to its layout, it can be installed much quicker than conventional systems. Time savings of up to 25 percent are feasible. Optimised installation processes lead to the wanted result easily and quickly. Without tools.

Q-Rail represents nearly 60 years of experience in the lighting industry.

RAIL QUALITY Q-R  
SIMPLE TIME QUICK TOOL  
Q-RAIL TRUNKING CLEAN SAFE EAS

Due to its variable wiring, our trunking system can be adapted to new requirements without any problems. Axial connectors simplify electrical connection and through wiring. The newly developed and patented trunking connector allows for tool-free connection of trunkings while earthing the trunkings at the same time. Optional track adapters make it possible to attach spotlights to the trunking. Thus, numerous lighting situations can be created.

Q-Rail – the trunking system of the next dimension.

RAIL LIGHT TRUNKING TIME  
LESS NEW SYSTEM  
DIMENSION QUICK SAVING

# Q-RAIL

## THE NEXT DIMENSION

### THE ASSEMBLY

**Figure 1**

Several alternatives are available to fasten the trunking Q-TS. The ceiling mounting Q-SAD allows for direct ceiling assembly, while the fasteners Q-SAS and Q-SA are used for wire suspension and chain link suspension respectively. All fasteners can be attached to the trunking without tools.



**Figure 2**

A mounting point should be fitted at every joint. Additional fastening in the middle of the trunking is necessary for trunkings in three-length design. The trunkings are connected tool free by connector Q-SV.



**Figure 3**

Having mechanically connected the trunking sections, the axial connectors can be easily attached to the trunking connector using fixing holes.

**Figure 4**

Afterwards, electrical connection can be realised by linking the axial connectors.



**Figure 5**

The trunking system can be connected to the mains at every axial connector.

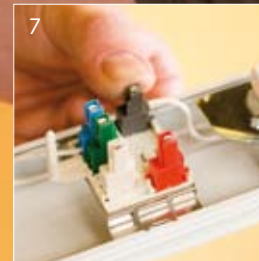


**Figure 6**

End caps are attached tool free to both ends of the trunking system.

**Figure 7**

Gear trays are fitted with 3 position circuit selection.





**Figure 8**

Gear trays can be installed without tools.



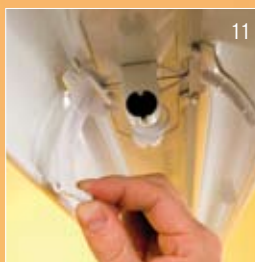
**Figure 9**

To lock the gear trays, the turn buckle fixings have to be rotated by 90°.



**Figure 10**

After turning the rotation quick locks anticlockwise by 90°, a reflector can be attached to the trunking. To lock the reflector, the toggles have to be turned into their original position.



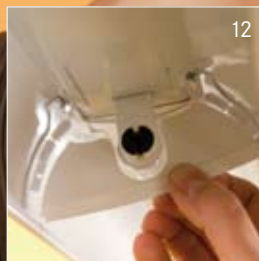
**Figure 11**

Reflector connectors are used to ensure that the reflectors are mounted properly.



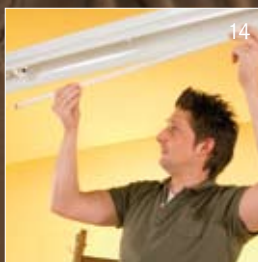
**Figure 12**

Optionally, reflector middle bars can be attached.



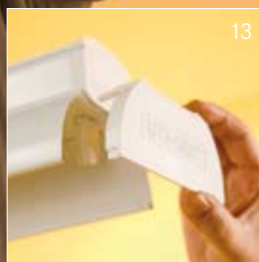
**Figure 13**

Reflector end caps are available to cover the reflector's front sides.



**Figure 14**

In the last step, the lamps are inserted into the frames.



# Q-RAIL

## THE NEXT DIMENSION

Basis of the design-oriented trunking system is the trunking Q-TS, made of steel plate, galvanised on both sides, white finish. Various wiring alternatives of up to 14 core cabling are available.

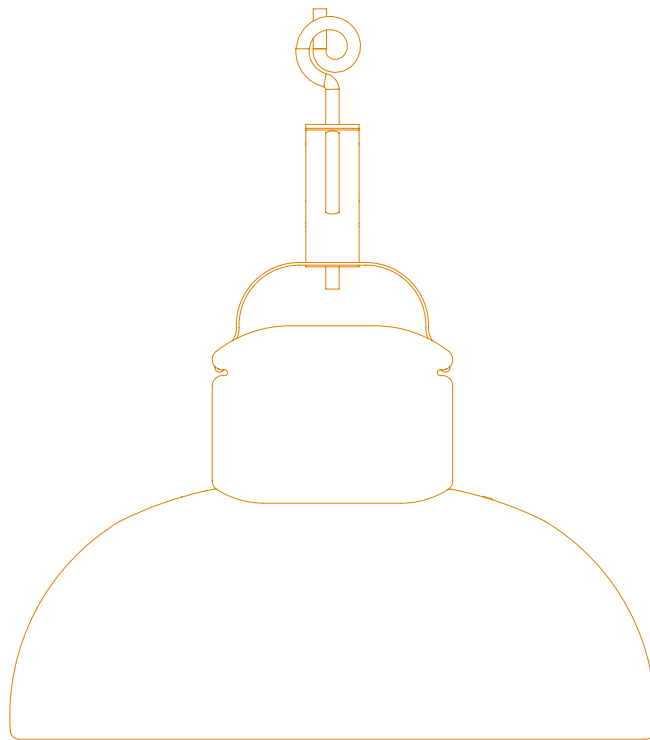
The gear trays for the different applications are made of steel plate, galvanised on both sides and white finished. In order to cover all fields of application – from education and retail to factories and warehousing – gear trays equipped with T5 and T8 lamps in IP 20 can be provided. Gear trays for higher protection classes IP 54 and IP 54 FF are available with T8 lamps while T5 luminaires will follow at the beginning of 2008.

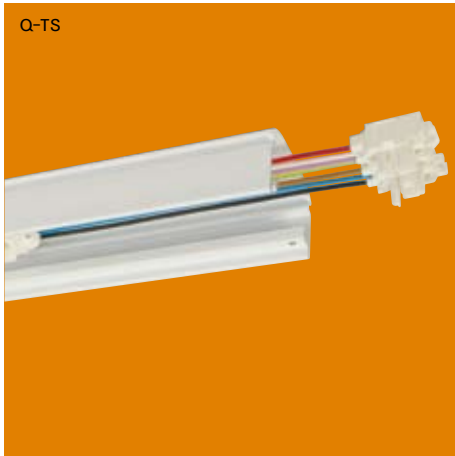
In order to increase the variability of the Q-Rail trunking system, we offer gear trays Q-STN for flexible positioning if required. Each gear tray (figure 1) is equipped with a connecting lead of approximately 800 mm. Therefore, the luminaires can be mounted spaced at a flexible distance. Flexible gear trays Q-STN (IP 20) are available with electronic ballasts in T8 1/58 and 2/58 as well as for gear trays T5 1/35, 1/49 and 1/80.

To enable you to realise the desired lighting solution, our Q-Rail trunking system provides several attachments and accessories. The product range includes reflectors as well as louvres made of steel plate or aluminium and diffusers with photometrically effective prisms.

Using blind covers – made from plastic or steel plate – expands the flexibility of the trunking system even further.

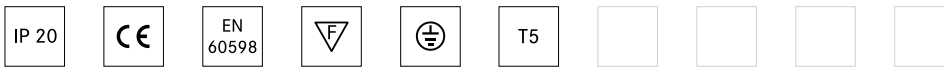
Track adapters Q-EMMS allow for spotlights to be attached to the trunking system which is especially useful in shop lighting. Thus, general lighting and accent lighting can be designed using only one lighting system. Track adapters are available in various lengths for T8 and T5 trunkings and simplify the redesign of an existing system.





Q-TS

Trunking (T5) made of steel plate, galvanised on both sides, white finish, with through wiring and axial connector. Can be fitted with gear trays in protection class IP 20. Trunkings are available in two- and three-lengths design. The trunking connector Q-SV has to be ordered separately.



	L	W	H	Art.-Nr.
Q-TS 28/2 DV 5 × 1,5 mm <sup>2</sup>	2387	70	45	433 353
Q-TS 28/3 DV 5 × 1,5 mm <sup>2</sup>	3581	70	45	433 360
Q-TS 35/2 DV 5 × 1,5 mm <sup>2</sup>	2987	70	45	433 414
Q-TS 35/3 DV 5 × 1,5 mm <sup>2</sup>	4481	70	45	433 438
Q-TS 28/2 DV 5 × 2,5 mm <sup>2</sup>	2387	70	45	433 476
Q-TS 28/3 DV 5 × 2,5 mm <sup>2</sup>	3581	70	45	433 483
Q-TS 35/2 DV 5 × 2,5 mm <sup>2</sup>	2987	70	45	433 513
Q-TS 35/3 DV 5 × 2,5 mm <sup>2</sup>	4481	70	45	433 537
Q-TS 28/2 DV 7 × 2,5 mm <sup>2</sup>	2387	70	45	433 551
Q-TS 28/3 DV 7 × 2,5 mm <sup>2</sup>	3581	70	45	433 568
Q-TS 35/2 DV 7 × 2,5 mm <sup>2</sup>	2987	70	45	433 575
Q-TS 35/3 DV 7 × 2,5 mm <sup>2</sup>	4481	70	45	433 599



Q-STN

Gear tray (T5) made of steel plate, galvanised on both sides, white finish. Includes fixed plug with simple 3 position circuit selection. Gear tray retained with turnbuckle fixings. Wired ready for connection using heat resistant leads.



	L	W	H	Art.-Nr.
Q-STN 1/28	1194	70	85	433 889
Q-STN 1/35	1494	70	85	433 902
Q-STN 1/49	1494	70	85	433 933
Q-STN 1/54	1194	70	85	434 053
Q-STN 1/80	1494	70	85	434 060
Q-STN 2/28	1194	70	86	434 145
Q-STN 2/35	1494	70	86	434 169
Q-STN 2/49	1494	70	86	434 176
Q-STN 2/54	1194	70	86	434 190
Q-STN 2/80	1494	70	86	434 206

L W H = mm

# Q-RAIL T5

THE NEXT DIMENSION



Reflector (T5) made of steel plate, galvanised on both sides, white finish. Turnbuckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-R 28/54	1192	129	60	430 697
Q-R 35/49/80	1492	129	60	430 680



Perforated reflector (T5) made of steel plate, galvanised on both sides, white finish. Turnbuckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-SOR 28/54	1192	129	60	435 265
Q-SOR 35/49/80	1492	129	60	435 272



L W H = mm



Q-DLR

Exclusively designed perforated reflector (T5) made of steel plate, silver-grey finish. Turnbuckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-DLR 1-28/54	1192	170	70	435 739
Q-DLR 1-35/49/80	1492	170	70	435 753
Q-DLR 2-28/54	1192	170	70	435 746
Q-DLR 2-35/49/80	1492	170	70	435 760



T5



Q-RPD

Specular louvre (T5), high gloss anodised. Suitable for reflectors Q-R (T5) and Q-SOR (T5).

	Art.-Nr.
Q-RPD 28/54-E	436 064
Q-RPD 35/49/80-E	436 071



T5

L W H = mm

# Q-RAIL T5

THE NEXT DIMENSION



Semi-specular louvre (T5) made of high-grade aluminium. Suitable for reflectors Q-R (T5) and Q-SOR (T5).

		Art.-Nr.
Q-RESP 28/54-E		436 088
Q-RESP 35/49/80-E		436 095



Louvre (T5) made of steel plate, white finish. Suitable for reflectors Q-R (T5) and Q-SOR (T5).

		Art.-Nr.
Q-RE 28/54-E		436 101
Q-RE 35/49/80-E		436 118



L W H = mm



Q-RX

Diffuser (T5) with photometrically effective prisms. Suitable for reflectors Q-R (T5) and Q-SOR (T5).

	L	W	H	Art.-Nr.
Q-RX 28-E	1192	115	15	435 845
Q-RX 35-E	1492	115	15	435 852



Q-RSP

Specular reflector (T5), high gloss anodised. Wide beam angle. Suitable for reflector Q-R (T5).

	L	W	H	Art.-Nr.
Q-RSP 1-28/54 -E	1150	127	52	435 302
Q-RSP 1-35/49/80 -E	1450	127	52	435 470
Q-RSP 2-28/54 -E	1150	127	52	435 456
Q-RSP 2-35/49/80 -E	1450	127	52	435 487



L W H = mm

# Q-RAIL T5

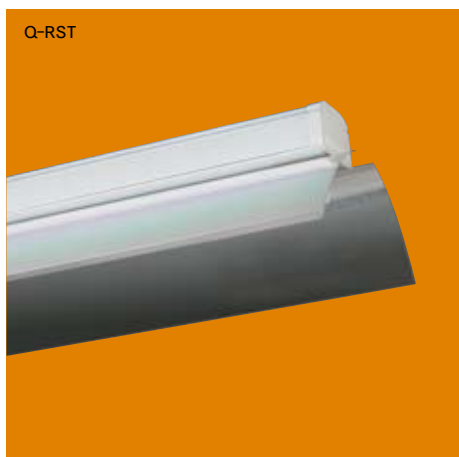
THE NEXT DIMENSION



Q-RSB

Specular reflector (T5) made of high-grade aluminium. Wide beam angle. Turnbuckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-RSB 1-28/54	1215	135	50	435 531
Q-RSB 1-35/49/80	1515	135	50	435 555
Q-RSB 2-28/54	1215	135	50	435 548
Q-RSB 2-35/49/80	1515	135	50	435 562



Q-RST

Specular reflector (T5) made of high-grade aluminium. Narrow beam angle. Turnbuckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-RST 1-28/54	1215	230	100	435 623
Q-RST 1-35/49/80	1515	230	100	435 647
Q-RST 2-28/54	1215	230	100	435 630
Q-RST 2-35/49/80	1515	230	100	435 661

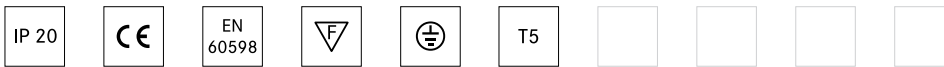


L W H = mm



Module (T5) with integrated 3-circuit track.  
Turnbuckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-EMMS 28/1	1194	70	63	435 876
Q-EMMS 35/1	1494	70	63	435 883



Trunking connector Q-SV made of galvanised steel plate. Connectors can be attached to the trunkings without tools and ensure earthing.

Typ	Art.-Nr.
<b>Q-SV</b>	436 057



End cap (IP 20) for trunking, made of plastic with two integral knock-outs for supply.

Typ	Art.-Nr.
<b>Q-ED</b>	436 002

L W H = mm

# Q-RAIL T5

THE NEXT DIMENSION

Q-RED T5



End cap for reflector (T5) made of plastic. Can be attached to reflectors Q-R (T5) and Q-SOR (T5) without tools.

Typ	Art.-Nr.
<b>Q-RED T5</b>	436 309

Q-RV T5



Coupler made of plastic. Used to align reflectors Q-R (T5) or Q-SOR (T5).

Typ	Art.-Nr.
<b>Q-RV T5</b>	436 323

Q-MT T5



Reflector middle bar (T5) made of plastic. Can be attached to coupler Q-RV (T5) without tools.

Typ	Art.-Nr.
<b>Q-MT T5</b>	436 347

Q-SAD



A clip-on stainless steel trunking suspension point for ceiling installation.

Typ	Art.-Nr.
<b>Q-SAD</b>	436 033

L W H = mm



Q-SAS

A clip-on stainless steel trunking suspension point with clutch adjustable wire suspension kit for up to 1.5m drops.

Typ	Art.-Nr.
<b>Q-SAS</b>	436 040



Q-SA

A clip-on stainless steel trunking suspension point with an eyelet for chain link suspension. Adjustable by 20 mm.

Typ	Art.-Nr.
<b>Q-SA</b>	436 026



Q-BA

Plastic blind cover plate for installation without tools. These covers can be easily cut down on site.

Typ	L	W	H	Art.-Nr.
<b>Q-BA 35/1</b>	1494	70	51	436 125



Q-STN-B

Steel blind cover plate (IP20) finished white. Turnbuckles ensure tool-free connection.

Typ	L	W	H	Art.-Nr.
<b>Q-STN 28-B</b>	1194	70	63	435 913
<b>Q-STN 35-B</b>	1494	70	63	435 920

L W H = mm

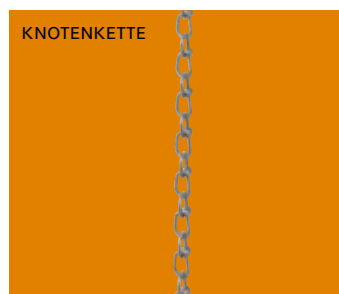
# Q-RAIL T5

THE NEXT DIMENSION



Steel blind cover plate (IP 54) finished white.  
With integrated foam gasket. Turnbuckles  
ensure tool-free connection.

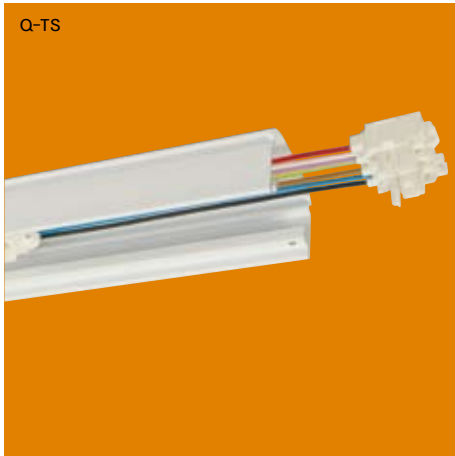
Typ	L	W	H	Art.-Nr.
<b>Q-ST 28-B</b>	1194	70	63	435 968
<b>Q-ST 35-B</b>	1494	70	63	435 975



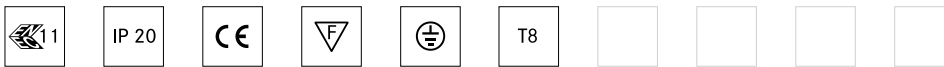
Galvanised steel chain. Load capacity 25 kg.  
Supplied in 30 m coils.

Typ	L	Art.-Nr.
<b>Knotenkette KE</b>	30000	011 490

L W H = mm



Trunking (T8) made of steel plate, galvanised on both sides, white finish. With through wiring and axial connector. Can be fitted with gear trays in protection classes IP 20, IP 54 or IP 54FF. Trunkings are available in two- and three-lengths design. The trunking connector Q-SV has to be ordered separately.



	L	W	H	Art.-Nr.
Q-TS 36/2 DV 5 × 1,5 mm <sup>2</sup>	2478	70	45	432 844
Q-TS 36/3 DV 5 × 1,5 mm <sup>2</sup>	3717	70	45	432 868
Q-TS 58/2 DV 5 × 1,5 mm <sup>2</sup>	3078	70	45	432 882
Q-TS 58/3 DV 5 × 1,5 mm <sup>2</sup>	4617	70	45	432 929
Q-TS 36/2 DV 5 × 2,5 mm <sup>2</sup>	2478	70	45	433 025
Q-TS 36/3 DV 5 × 2,5 mm <sup>2</sup>	3717	70	45	433 131
Q-TS 58/2 DV 5 × 2,5 mm <sup>2</sup>	3078	70	45	433 162
Q-TS 58/3 DV 5 × 2,5 mm <sup>2</sup>	4617	70	45	433 216
Q-TS 36/2 DV 7 × 2,5 mm <sup>2</sup>	2478	70	45	433 230
Q-TS 36/3 DV 7 × 2,5 mm <sup>2</sup>	3717	70	45	433 261
Q-TS 58/2 DV 7 × 2,5 mm <sup>2</sup>	3078	70	45	433 292
Q-TS 58/3 DV 7 × 2,5 mm <sup>2</sup>	4617	70	45	433 339



Gear tray (T8) made of steel plate, galvanised on both sides, white finish. Includes fixed plug with simple 3 position circuit selection. Gear tray retained with turnbuckle fixings. Wired ready for connection using heat resistant leads.



	L	W	H	Art.-Nr.
Q-STN 1/36 VVG ind.	1239	70	93	434 244
Q-STN 1/58 VVG ind.	1539	70	93	434 251
Q-STN 2/36 VVG ind.	1239	102	88	434 268
Q-STN 2/58 VVG ind.	1539	102	88	434 275
Q-STN 1/36 EVG	1239	70	93	434 282
Q-STN 1/58 EVG	1539	70	93	434 299
Q-STN 2/36 EVG	1239	102	88	434 305
Q-STN 2/58 EVG	1539	102	88	434 312

L W H = mm

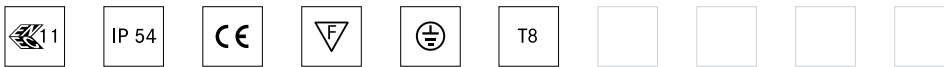
# Q-RAIL T8

THE NEXT DIMENSION



Gear tray (T8) in IP 54 made of steel plate, galvanised on both sides, white finish. With integrated foam gasket. Includes fixed plug with simple 3 position circuit selection. Gear tray retained with turnbuckle fixings. Wired ready for connection using heat resistant leads.

	L	W	H	Art.-Nr.
Q-ST 1/36 VVG ind.	1239	70	107	434 558
Q-ST 1/58 VVG ind.	1539	70	107	434 688
Q-ST 2/36 VVG ind.	1239	122	107	434 695
Q-ST 2/58 VVG ind.	1539	122	107	434 701
Q-ST 1/36 EVG	1239	70	107	434 718
Q-ST 1/58 EVG	1539	70	107	434 725
Q-ST 2/36 EVG	1239	122	107	434 732
Q-ST 2/58 EVG	1539	122	107	434 787



Gear tray (T8) in IP 54FF made of steel plate, galvanised on both sides, white finish. With electronic control gear, protective pipe and integrated foam gasket. Includes fixed plug with simple 3 position circuit selection. Gear tray retained with turnbuckle fixings. Wired ready for connection using heat resistant leads.

	L	W	H	Art.-Nr.
Q-STFF 1/36 EVG	1239	70	107	434 800
Q-STFF 1/58 EVG	1539	70	107	434 817
Q-STFF 2/36 EVG	1239	122	107	434 824
Q-STFF 2/58 EVG	1539	122	107	434 831



L W H = mm



Reflector (T8) made of steel plate, galvanised on both sides, white finish. Turnbuckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-R 36	1237	193	75	430 666
Q-R 58	1537	193	75	430 659



Perforated reflector (T8) made of steel plate, galvanised on both sides, white finish. Turnbuckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-SOR 36	1237	193	75	435 289
Q-SOR 58	1537	193	75	435 296



L W H = mm

# Q-RAIL T8

THE NEXT DIMENSION



Q-DLR

Exclusively designed perforated reflector (T8) made of steel plate, silver-grey finish. Turn-buckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-DLR 1/36	1239	160	72	435 777
Q-DLR 1/58	1539	160	72	435 791
Q-DLR 2/36	1239	230	100	435 784
Q-DLR 2/58	1539	230	100	435 807



Q-RPD

Specular louvre (T8), high gloss anodised. Suitable for reflectors Q-R (T8) and Q-SOR (T8).

	Art.-Nr.
Q-RPD 36-E	437 597
Q-RPD 58-E	437 603



L W H = mm



Q-RESP

Semi-specular louvre (T8) made of high-grade aluminium. Suitable for reflectors Q-R (T8) and Q-SOR (T8).

		Art.-Nr.
Q-RESP 36-E		437 610
Q-RESP 58-E		437 627



Q-RE

Louvre (T8) made of steel plate, white finish. Suitable for reflectors Q-R (T8) and Q-SOR (T8).

		Art.-Nr.
Q-RE 36-E		437 634
Q-RE 58-E		437 641



L W H = mm

# Q-RAIL T8

THE NEXT DIMENSION



Diffuser (T8) with photometrically effective prisms. Suitable for reflectors Q-R (T8) and Q-SOR (T8).

		Art.-Nr.
Q-RX 36-E		435 821
Q-RX 58-E		435 838

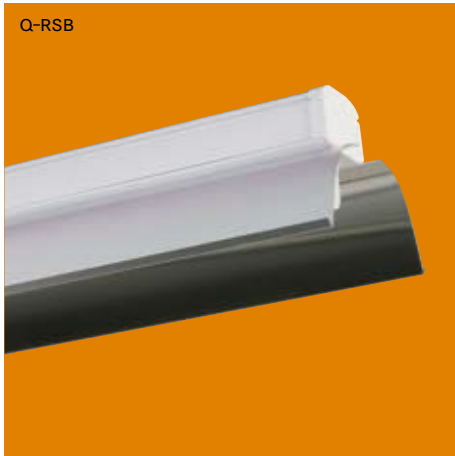


Specular reflector (T8), high gloss anodised. Wide beam angle. Can be inserted into reflector Q-R (T8).

		Art.-Nr.
Q-RSP 1/36-E		435 494
Q-RSP 1/58-E		435 517
Q-RSP 2/36-E		435 500
Q-RSP 2/58-E		435 524



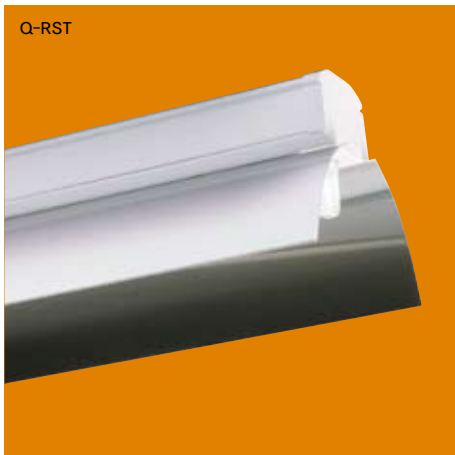
L W H = mm



Q-RSB

Specular reflector (T8) made of high-grade aluminium. Wide beam angle. Turnbuckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-RSB 1/36	1259	194	80	435 579
Q-RSB 1/58	1559	194	80	435 609
Q-RSB 2/36	1259	194	80	435 593
Q-RSB 2/58	1559	194	80	435 616



Q-RST

Specular reflector (T8) made of high-grade aluminium. Narrow beam angle. Turnbuckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-RST 1/36	1259	192	85	435 678
Q-RST 1/58	1559	192	85	435 692
Q-RST 2/36	1259	301	140	435 685
Q-RST 2/58	1559	301	140	435 708



L W H = mm

# Q-RAIL T8

THE NEXT DIMENSION



Module (T8) with integrated 3-circuit track. Turnbuckles ensure tool-free connection.

	L	W	H	Art.-Nr.
Q-EMMS 36/1	1239	70	63	435 890
Q-EMMS 58/1	1539	70	63	435 906



Trunking connector Q-SV made of galvanised steel plate. Connectors can be attached to the trunkings without tools and ensure earthing.

Typ	Art.-Nr.
Q-SV	436 057



End cap (IP 20) for trunking, made of plastic with two integral knock-outs for supply.

Typ	Art.-Nr.
Q-ED	436 002

L W H = mm



Q-SED

End cap (IP 54) for trunking, made of plastic with two integral knock-outs for supply and foam gasket.

Typ	Art.-Nr.
<b>Q-SED</b>	436 019



Q-RED

End cap for reflector (T8) made of plastic. Can be attached to reflectors Q-R (T8) and Q-SOR (T8) without tools.

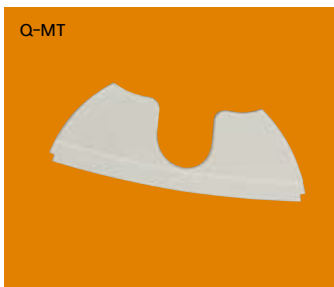
Typ	Art.-Nr.
<b>Q-RED</b>	436 255



Q-RV

Coupler made of plastic. Used to align reflectors Q-R (T8) or Q-SOR (T8).

Typ	Art.-Nr.
<b>Q-RV</b>	436 262



Q-MT

Reflector middle bar (T8) made of plastic. Can be attached to coupler Q-RV (T8) without tools.

Typ	Art.-Nr.
<b>Q-MT</b>	436 279

L W H = mm

# Q-RAIL T8

THE NEXT DIMENSION

Q-SAD



A clip-on stainless steel trunking suspension point for ceiling installation.

Typ	Art.-Nr.
<b>Q-SAD</b>	436 033

Q-SAS



A clip-on stainless steel trunking suspension point with clutch adjustable wire suspension kit for up to 1.5m drops.

Typ	Art.-Nr.
<b>Q-SAS</b>	436 040

Q-SA



A clip-on stainless steel trunking suspension point with an eyelet for chain link suspension. Adjustable by 20 mm.

Typ	Art.-Nr.
<b>Q-SA</b>	436 026

Q-BA



Plastic blind cover plate for installation without tools. These covers can be easily cut down on site.

Typ	L	W	H	Art.-Nr.
<b>Q-BA 58/1</b>	1539	70	51	436 132

L W H = mm



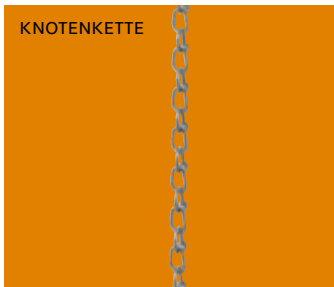
Steel blind cover plate (IP20) finished white.  
Turnbuckles ensure tool-free connection.

Typ	L	W	H	Art.-Nr.
<b>Q-STN 36-B</b>	1239	70	63	435 937
<b>Q-STN 58-B</b>	1539	70	63	435 951



Steel blind cover plate (IP 54) finished white.  
With integrated foam gasket. Turnbuckles ensure tool-free connection.

Typ	L	W	H	Art.-Nr.
<b>Q-ST 36-B</b>	1239	70	63	435 982
<b>Q-ST 58-B</b>	1539	70	63	435 999



Galvanised steel chain. Load capacity 25 kg.  
Supplied in 30 m coils.

Typ	L	Art.-Nr.
<b>Knotenkette KE</b>	30000	011 490

L W H = mm

