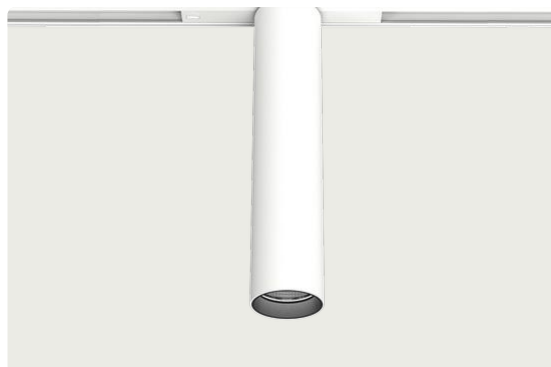
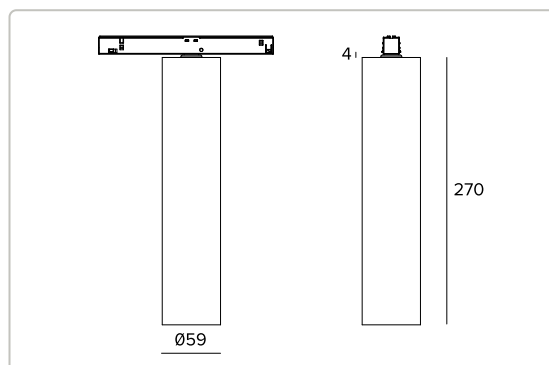


LIGHTING SYSTEMS

Fortyeight Label 6 - Fix

Code
1T9849DA

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
2700K 90	FL 35°	9W 840lm
POWER SUPPLY CONTROL	COLOUR	
48Vdc		



The figures on the drawing are expressed in mm.



The diagram illustrates the light distribution of the TS1983 fixture. It shows a beam angle of 35 degrees and a maximum illuminance of 1959 cd/klm at a distance of 1m. The beam diameter at 1m is 0.63m. The beam diameter at 2m is 1.26m, and at 3m it is 1.89m. The beam diameter at 4m is 2.51m, and at 5m it is 3.14m. The beam diameter at 6m is 3.77m, and at 7m it is 4.39m. The beam diameter at 8m is 5.02m, and at 9m it is 5.65m. The beam diameter at 10m is 6.28m, and at 11m it is 6.91m. The beam diameter at 12m is 7.54m, and at 13m it is 8.18m. The beam diameter at 14m is 8.81m, and at 15m it is 9.48m. The beam diameter at 16m is 10.11m, and at 17m it is 10.81m. The beam diameter at 18m is 11.44m, and at 19m it is 12.17m. The beam diameter at 20m is 12.57m, and at 21m it is 13.53m. The beam diameter at 22m is 14.16m, and at 23m it is 14.89m. The beam diameter at 24m is 15.46m, and at 25m it is 16.25m. The beam diameter at 26m is 16.76m, and at 27m it is 17.61m. The beam diameter at 28m is 18.06m, and at 29m it is 18.97m. The beam diameter at 30m is 19.36m, and at 31m it is 20.33m. The beam diameter at 32m is 20.66m, and at 33m it is 21.69m. The beam diameter at 34m is 21.96m, and at 35m it is 23.05m. The beam diameter at 36m is 23.26m, and at 37m it is 24.41m. The beam diameter at 38m is 24.56m, and at 39m it is 25.77m. The beam diameter at 40m is 25.86m, and at 41m it is 27.13m. The beam diameter at 42m is 27.16m, and at 43m it is 28.49m. The beam diameter at 44m is 28.46m, and at 45m it is 29.85m. The beam diameter at 46m is 29.76m, and at 47m it is 31.21m. The beam diameter at 48m is 31.06m, and at 49m it is 32.57m. The beam diameter at 50m is 32.36m, and at 51m it is 33.93m. The beam diameter at 52m is 33.66m, and at 53m it is 35.29m. The beam diameter at 54m is 34.96m, and at 55m it is 36.65m. The beam diameter at 56m is 36.26m, and at 57m it is 38.01m. The beam diameter at 58m is 37.56m, and at 59m it is 39.37m. The beam diameter at 60m is 38.86m, and at 61m it is 40.73m. The beam diameter at 62m is 40.16m, and at 63m it is 42.09m. The beam diameter at 64m is 41.46m, and at 65m it is 43.45m. The beam diameter at 66m is 42.76m, and at 67m it is 44.81m. The beam diameter at 68m is 44.06m, and at 69m it is 46.17m. The beam diameter at 70m is 45.36m, and at 71m it is 47.53m. The beam diameter at 72m is 46.66m, and at 73m it is 48.89m. The beam diameter at 74m is 47.96m, and at 75m it is 50.25m. The beam diameter at 76m is 49.26m, and at 77m it is 51.61m. The beam diameter at 78m is 50.56m, and at 79m it is 52.97m. The beam diameter at 80m is 51.86m, and at 81m it is 54.33m. The beam diameter at 82m is 53.16m, and at 83m it is 55.69m. The beam diameter at 84m is 54.46m, and at 85m it is 57.05m. The beam diameter at 86m is 55.76m, and at 87m it is 58.41m. The beam diameter at 88m is 57.06m, and at 89m it is 59.77m. The beam diameter at 90m is 58.36m, and at 91m it is 61.13m. The beam diameter at 92m is 59.66m, and at 93m it is 62.49m. The beam diameter at 94m is 60.96m, and at 95m it is 63.85m. The beam diameter at 96m is 62.26m, and at 97m it is 65.21m. The beam diameter at 98m is 63.56m, and at 99m it is 66.57m. The beam diameter at 100m is 64.86m, and at 101m it is 67.93m. The beam diameter at 102m is 66.16m, and at 103m it is 69.29m. The beam diameter at 104m is 67.46m, and at 105m it is 70.65m. The beam diameter at 106m is 68.76m, and at 107m it is 72.01m. The beam diameter at 108m is 70.06m, and at 109m it is 73.37m. The beam diameter at 110m is 71.36m, and at 111m it is 74.73m. The beam diameter at 112m is 72.66m, and at 113m it is 76.09m. The beam diameter at 114m is 73.96m, and at 115m it is 77.45m. The beam diameter at 116m is 75.26m, and at 117m it is 78.81m. The beam diameter at 118m is 76.56m, and at 119m it is 80.17m. The beam diameter at 120m is 77.86m, and at 121m it is 81.53m. The beam diameter at 122m is 79.16m, and at 123m it is 82.89m. The beam diameter at 124m is 80.46m, and at 125m it is 84.25m. The beam diameter at 126m is 81.76m, and at 127m it is 85.61m. The beam diameter at 128m is 83.06m, and at 129m it is 86.97m. The beam diameter at 130m is 84.36m, and at 131m it is 88.33m. The beam diameter at 132m is 85.66m, and at 133m it is 89.69m. The beam diameter at 134m is 86.96m, and at 135m it is 91.05m. The beam diameter at 136m is 88.26m, and at 137m it is 92.41m. The beam diameter at 138m is 89.56m, and at 139m it is 93.77m. The beam diameter at 140m is 90.86m, and at 141m it is 95.13m. The beam diameter at 142m is 92.16m, and at 143m it is 96.49m. The beam diameter at 144m is 93.46m, and at 145m it is 97.85m. The beam diameter at 146m is 94.76m, and at 147m it is 99.21m. The beam diameter at 148m is 96.06m, and at 149m it is 100.57m. The beam diameter at 150m is 97.36m, and at 151m it is 101.93m. The beam diameter at 152m is 98.66m, and at 153m it is 103.29m. The beam diameter at 154m is 99.96m, and at 155m it is 104.65m. The beam diameter at 156m is 101.26m, and at 157m it is 106.01m. The beam diameter at 158m is 102.56m, and at 159m it is 107.37m. The beam diameter at 160m is 103.86m, and at 161m it is 108.73m. The beam diameter at 162m is 105.16m, and at 163m it is 110.09m. The beam diameter at 164m is 106.46m, and at 165m it is 111.45m. The beam diameter at 166m is 107.76m, and at 167m it is 112.81m. The beam diameter at 168m is 109.06m, and at 169m it is 114.17m. The beam diameter at 170m is 110.36m, and at 171m it is 115.53m. The beam diameter at 172m is 111.66m, and at 173m it is 116.89m. The beam diameter at 174m is 112.96m, and at 175m it is 118.25m. The beam diameter at 176m is 114.26m, and at 177m it is 119.61m. The beam diameter at 178m is 115.56m, and at 179m it is 120.97m. The beam diameter at 180m is 116.86m, and at 181m it is 122.33m. The beam diameter at 182m is 118.16m, and at 183m it is 123.69m. The beam diameter at 184m is 119.46m, and at 185m it is 125.05m. The beam diameter at 186m is 120.76m, and at 187m it is 126.41m. The beam diameter at 188m is 122.06m, and at 189m it is 127.77m. The beam diameter at 190m is 123.36m, and at 191m it is 129.13m. The beam diameter at 192m is 124.66m, and at 193m it is 130.49m. The beam diameter at 194m is 125.96m, and at 195m it is 131.85m. The beam diameter at 196m is 127.26m, and at 197m it is 133.21m. The beam diameter at 198m is 128.56m, and at 199m it is 134.57m. The beam diameter at 200m is 129.86m, and at 201m it is 135.93m. The beam diameter at 202m is 131.16m, and at 203m it is 137.29m. The beam diameter at 204m is 132.46m, and at 205m it is 138.65m. The beam diameter at 206m is 133.76m, and at 207m it is 140.01m. The beam diameter at 208m is 135.06m, and at 209m it is 141.37m. The beam diameter at 210m is 136.36m, and at 211m it is 142.73m. The beam diameter at 212m is 137.66m, and at 213m it is 144.09m. 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The beam diameter at 244m is 158.46m, and at 245m it is 165.85m. The beam diameter at 246m is 159.76m, and at 247m it is 167.21m. The beam diameter at 248m is 161.06m, and at 249m it is 168.57m. The beam diameter at 250m is 162.36m, and at 251m it is 169.93m. The beam diameter at 252m is 163.66m, and at 253m it is 171.29m. The beam diameter at 254m is 164.96m, and at 255m it is 172.65m. The beam diameter at 256m is 166.26m, and at 257m it is 174.01m. The beam diameter at 258m is 167.56m, and at 259m it is 175.37m. The beam diameter at 260m is 168.86m, and at 261m it is 176.73m. The beam diameter at 262m is 170.16m, and at 263m it is 178.09m. The beam diameter at 264m is 171.46m, and at 265m it is 179.45m. The beam diameter at 266m is 172.76m, and at 267m it is 180.81m. The beam diameter at 268m is 174.06m, and at 269m it is 182.17m. The beam diameter at 270m is 175.36m, and at 271m it is 183.53m. The beam diameter at 272m is 176.66m, and at 273m it is 184.89m. The beam diameter at 274m is 177.96m, and at 275m it is 186.25m. The beam diameter at 276m is 179.26m, and at 277m it is 187.61m. The beam diameter at 278m is 180.56m, and at 279m it is 188.97m. The beam diameter at 280m is 181.86m, and at 281m it is 190.33m. The beam diameter at 282m is 183.16m, and at 283m it is 191.69m. The beam diameter at 284m is 184.46m, and at 285m it is 193.05m. The beam diameter at 286m is 185.76m, and at 287m it is 194.41m. The beam diameter at 288m is 187.06m, and at 289m it is 195.77m. The beam diameter at 290m is 188.36m, and at 291m it is 197.13m. The beam diameter at 292m is 189.66m, and at 293m it is 198.49m. The beam diameter at 294m is 190.96m, and at 295m it is 199.85m. The beam diameter at 296m is 192.26m, and at 297m it is 201.21m. The beam diameter at 298m is 193.56m, and at 299m it is 202.57m. The beam diameter at 300m is 194.86m, and at 301m it is 203.93m. The beam diameter at 302m is 196.16m, and at 303m it is 205.29m. 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The beam diameter at 514m is 333.96m, and at 515m it is 349.41m. The beam diameter at 516m is 335.26m, and at 517m it is 350.77m. The beam diameter at 518m is 336.56m, and at 519m it is 352.13m. The beam diameter at 520m is 337.86m, and at 521m it is 353.49m. The beam diameter at 522m is 339.16m, and at 523m it is 354.85m. The beam diameter at 524m is 340.46m, and at 525m it is 356.21m. The beam diameter at 526m is 341.76m, and at 527m it is 357.57m. The beam diameter at 528m is 343.06m, and at 529m it is 358.93m. The beam diameter at 530m is 344.36m, and at 531m it is 360.29m. The beam diameter at 532m is 345.66m, and at 533m it is 361.65m. The beam diameter at 534m is 346.96m, and at 535m it is 363.01m. The beam diameter at 536m is 348.26m, and at 537m it is 364.37m. The beam diameter at 538m is 349.56m, and at 539m it is 365.73m. The beam diameter at 540m is 350.86m, and at 541m it is 367.09m. The beam diameter at 542m is 352.16m, and at 543m it is 368.45m. The beam diameter at 544m is 353.46m, and at 545m it is 369.81m. The beam diameter at 546m is 354.76m, and at 547m it is 371.17m. The beam diameter at 548m is 356.06m, and at 549m it is 372.53m. The beam diameter at 550m is 357.36m, and at 551m it is 373.89m. The beam diameter at 552m is 358.66m, and at 553m it is 375.25m. The beam diameter at 554m is 359.96m, and at 555m it is 376.61m. The beam diameter at 556m is 361.26m, and at 557m it is 377.97m. The beam diameter at 558m is 362.56m, and at 559m it is 379.33m. The beam diameter at 560m is 363.86m, and at 561m it is 380.69m. The beam diameter at 562m is 365.16m, and at 563m it is 382.05m. The beam diameter at 564m is 366.46m, and at 565m it is 383.41m. The beam diameter at 566m is 367.76m, and at 567m it is 384.77m. The beam diameter at 568m is 369.06m, and at 569m it is 386.13m. The beam diameter at 570m is 370.36m, and at 571m it is 387.49m. The beam diameter at 572m is 371.66m, and at 573m it is 388.85m. The beam diameter at 574m is 372.96m, and at 575m it is 390.21m. The beam diameter at 576m is 374.26m, and at 577m it is 391.57m. The beam diameter at 578m is 375.56m, and at 579m it is 392.93m. The beam diameter at 580m is 376.86m, and at 581m it is 394.29m. The beam diameter at 582m is 378.16m, and at 583m it is 395.65m. The beam diameter at 584m is 379.46m, and at 585m it is 397.01m. The beam diameter at 586m is 380.76m, and at 587m it is 398.37m. The beam diameter at 588m is 382.06m, and at 589m it is 399.73m. The beam diameter at 590m is 383.36m, and at 591m it is 401.09m. The beam diameter at 592m is 384.66m, and at 593m it is 402.45m. The beam diameter at 594m is 385.96m, and at 595m it is 403.81m. The beam diameter at 596m is 387.26m, and at 597m it is 405.17m. The beam diameter at 598m is 388.56m, and at 599m it is 406.53m. The beam diameter at 600m is 389.86m, and at 601m it is 407.89m. The beam diameter at 602m is 391.16m, and at 603m it is 409.25m. The beam diameter at 604m is 392.46m, and at 605m it is 410.61m. The beam diameter at 606m is 393.76m, and at 607m it is 411.97m. The beam diameter at 608m is 395.06m, and at 609m it is 413.33m. The beam diameter at 610m is 396.36m, and at 611m it is 414.69m. The beam diameter at 612m is 397.66m, and at 613m it is 416.05m. The beam diameter at 614m is 398.96m, and at 615m it is 417.41m. The beam diameter at 616m is 400.26m, and at 617m it is 418.77m. The beam diameter at 618m is 401.56m, and at 619m it is 420.13m. The beam diameter at 620m is 402.86m, and at 621m it is 421.49m. The beam diameter at 622m is 404.16m, and at 623m it is 422.85m. The beam diameter at 624m is 405.46m, and at 625m it is 424.21m. The beam diameter at 626m is 406.76m, and at 627m it is 425.57m. The beam diameter at 628m is 408.06m, and at 629m it is 426.93m. The beam diameter at 630m is 409.36m, and at 631m it is 428.29m. The beam diameter at 632m is 410.66m, and at 633m it is 429.65m. The beam diameter at 634m is 411.96m, and at 635m it is 431.01m. The beam diameter at 636m is 413.26m, and at 637m it is 432.37m. The beam diameter at 638m is 414.56m, and at 639m it is 433.73m. The beam diameter at 640m is 415.86m, and at 641m it is 435.09m. The beam diameter at 642m is 417.16m, and at 643m it is 436.45m. The beam diameter at 644m is 418.46m, and at 645m it is 437.81m. The beam diameter at 646m is 419.76m, and at 647m it is 439.17m. The beam diameter at 648m is 421.06m, and at 649m it is 440.53m. The beam diameter at 650m is 422.36m, and at 651m it is 441.89m. The beam diameter at 652m is 423.66m, and at 653m it is 443.25m. The beam diameter at 654m is 424.96m, and at 655m it is 444.61m. The beam diameter at 656m is 426.26m, and at 657m it is 445.97m. The beam diameter at 658m is 427.56m, and at 659m it is 447.33m. The beam diameter at 660m is 428.86m, and at 661m it is 448.69m. The beam diameter at 662m is 430.16m, and at 663m it is 450.05m. The beam diameter at 664m is 431.46m, and at 665m it is 451.41m. The beam diameter at 666m is 432.76m, and at 667m it is 452.77m. The beam diameter at 668m is 434.06m, and at 669m it is 454.13m. The beam diameter at 670m is 435.36m, and at 671m it is 455.49m. The beam diameter at 672m is 436.66m, and at 673m it is 456.85m. The beam diameter at 674m is 437.96m, and at 675m it is 458.21m. The beam diameter at 676m is 439.26m, and at 677m it is 459.57m. The beam diameter at 678m is 440.56m, and at 679m it is 460.93m. The beam diameter at 6

Technical Data

Concept

Professional low voltage LED fixture for direct lighting.

Source

High efficiency Chip on Board LED Ra90. 3500K on request.

Energy efficiency class	E
Nominal power	8,3W
Nominal flux	1147lm
Colour rendering index	90
Rf	92
Rg	99
CCT nominal	2700K
SDCM	1.5
Lifetime (L80/B10)	72000h tq +25°C
Lifetime (L90/B10)	72000h tq +25°C

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

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Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

Technical Data

Illuminotechnical characteristics

FL version - convex faceted highly reflective anodised aluminium precision optics, holographic diffusion filter and black silicone cut off ring.

Optic	FL
Beam angles	FL
Optical efficiency	73.21%
Fixture flux	840lm
Luminous efficacy	93lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Cylindrical body in aluminum obtained from an extrusion process and coated with powder paint.

Colour and finish	Plaster white
Dimensions	ØxH 59x270mm
Weight	0.6Kg
Version	DALI
Degree of protection	IP20

Electrical characteristics

DALI version, track power supply. Casambi control system available using a dedicated accessory.

Fixture Power	9W
Power supply	48Vdc
Insulation Class	CLASS 3
SAFE FLICKER	PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light
Ambient temperature	0°C / +25°C

Installation

Quick coupling system for mounting the product on the track.

Notes

Not polarized fixture. White adapter. 110-277Vac version available on request. Not compatible with Fortyeight Trimless Deep track. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

Regulations and Certifications

CE

Warranty

5 years.

Warning

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

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