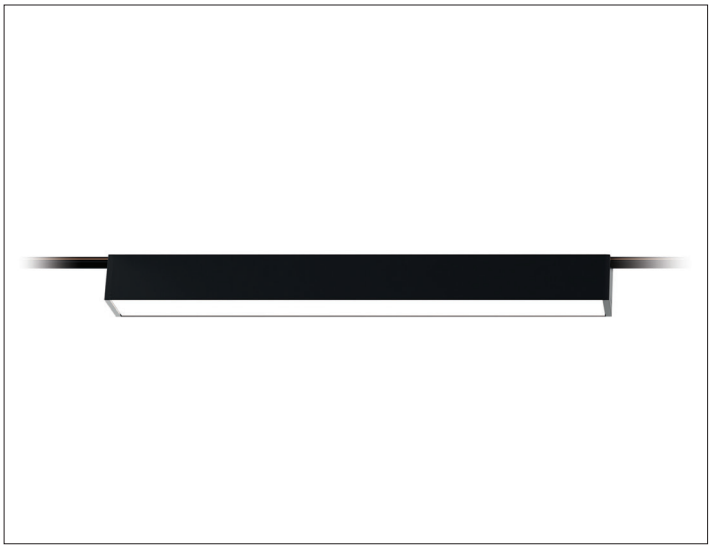
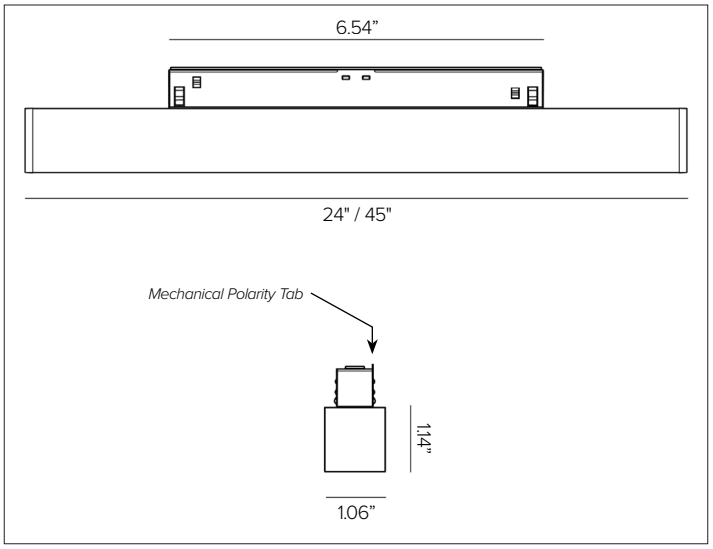
FORTYEIGHT LOGICO 30

Low Voltage LED Linear Track Luminaire



FORTYEIGHT LOGICO 30 12"L shown in Deep Black finish.



CONCEPT

Professional low voltage linear LED track luminaire.

MECHANICAL CHARACTERISTICS

Dimensions	1.06"W x 1.14"H
Materials	Extruded aluminum body, painted finish.
Finish	Plaster White Deep Black
Power Connection	To be completed with FORTYEIGHT MULTISYSTEM low voltage polarized track. Not 'Hot Swap' capable. Power to the track must be turned off for removal, replacement, or movement of the fixture.
Functionality	Tool-less installation, utilizing a mechanical fixture system that mounts to FORTYEIGHT MULTISYSTEM track system. **NOTE: Max of 4 connectors or 30ft of track per individual 96W power supply and/or 90W.** Can be used in combination with FORTYEIGHT fixture range to maximum of 90W per 96W, 48V driver.
Mounting	FORTYEIGHT MULTISYSTEM track system, sold separately. **Surface version NOT compatible with FORTYEIGHT RECESSED DEEP TRIMLESS track**.
Weight	0.29lbs
Protection	IP20

CERTIFICATIONS

cULus Class 2 SELV Listed.
Tested in accordance with LM-79-08.
Compliant for California installations
RoHS3 EU 215/863

WARRANTY

5 year limited warranty.

SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

ELECTRICAL CHARACTERISTICS

Power Supply	Remote 48V driver required, refer to FORTYEIGHT MULTISYSTEM track spec sheet.
Wattage	24"L – 13W / 45"L – 26W
Voltage	48V
Control	0-10V to 1% or DALI / Wireless Bluetooth Casambi to 0% **Note: Control cable wired directly to track from dimming interface, not through remote driver.** 0-10V group fixture control. For individual fixture control DALI or wireless DALI/Casambi. For wireless bluetooth control via Casambi, use DALI fixture in combination with APP1-M-C0-9519 wireless control interface, refer to FORTYEIGHT MULTISYSTEM track specification sheet for detailed information.

SOURCE

High efficiency LED Chip on Board.

TM30	*CCT (Nominal)*	*CRI*	*Rf*	*Rg*	*SDCM*
	2700K	90	91	100	2
	3000K	90	91	101	2
	3500K	90	90	101	2
	4000K	90	90	99	2

OPTIC

White MCPET reflector with polycarbonate opal lens.

Beam	***107°***	***24"L***	***45" L***
Delivered Lumens	***3000K***	934Lm	1868Lm
Refer to photometry section for all fixture variations.	***4000K***	996Lm	1993Lm
	For 2700K lumen values use multiplier of 0.96 from 3000K. For 3500K lumen values use multiplier of 1.02 from 3000K.		
Efficacy	77 Lm/W max. Refer to photometric graphs for specific values.		
Lifetime	L90/B10 >30,000hrs at max TA +25°C L89/B10 >50,000hrs at max TA +25°C		
Photobiological Classification	Low risk photobiological safety RG1		

FORTYEIGHT LOGICO 30

SPECIFICATION INFORMATION

48	LOG30					/
1	2	3	4	5	6	7

Ex: 48LOG30241030DB

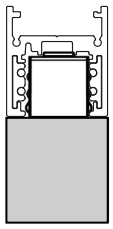
REQUIRED

1 - PRODUCT CODE	*2 - TYPE*	*3 - LENGTH*	*4 - ADAPTER*	*5 - KELVIN*	*6 - FINISH*	*7 - TRACK*
48 —FORTYEIGHT	**LOG30** — LOGICO 30	**24** — 24” **45** — 45”	**10** — 0-10V **DA**[A] — DALI/Wireless Casambi	**27** — 2700K **30** — 3000K **35** — 3500K **40** — 4000K	**PW** — Plaster White **DB** — Deep Black	***REQUIRED*** To be completed with **FORTYEIGHT MULTISYSTEM TRACK *RECESSED TRIMLESS DEEP* or *SURFACE / SUSPENSION***

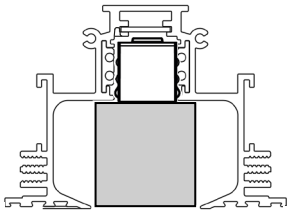
[A] For wireless bluetooth control via Casambi, use DALI fixture in combination with APP1-M-C0-9519 wireless control interface.

MOUNTING COMPATIBILITY

FORTYEIGHT MULTISYSTEM SURFACE/ SUSPENSION TRACK shown with FORTYEIGHT LOGICO30 fixture version.



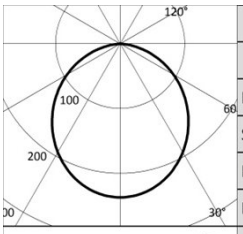
FORTYEIGHT RECESSED TRIMLESS DEEP TRACK shown with FORTYEIGHT LOGICO30 fixture version.



FORTYEIGHT LOGICO 30

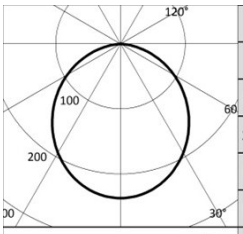
PHOTOMETRY

24"



3000K		H(m)	D(m)	Emax(lx)
Ra90			107°	
Fixture Power	13W	1	2.70	355
Source Flux	1500lm	2	5.41	89
Fixture Flux	934lm	3	8.11	39
Efficacy	72lm/W	4	10.81	22
TS1075 Imax=237cd/klm	Imax 355cd	5	13.52	14

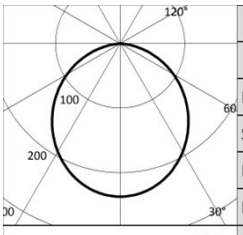
Maximum UGR = 28.9 *(based on actual lumens)*



4000K		H(m)	D(m)	Emax(lx)
Ra90			107°	
Fixture Power	13W	1	2.70	379
Source Flux	1600lm	2	5.41	95
Fixture Flux	996lm	3	8.11	42
Efficacy	77lm/W	4	10.81	24
TS1075 Imax=237cd/klm	Imax 379cd	5	13.52	15

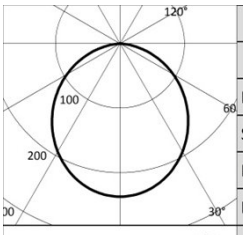
Maximum UGR = 29.1 *(based on actual lumens)*

45"



3000K		H(m)	D(m)	Emax(lx)
Ra90			107°	
Fixture Power	26W	1	2.70	710
Source Flux	3000lm	2	5.41	177
Fixture Flux	1868lm	3	8.11	79
Efficacy	72lm/W	4	10.81	44
TS1075 Imax=237cd/klm	Imax 710cd	5	13.52	28

Maximum UGR = 28.9 *(based on actual lumens)*



4000K		H(m)	D(m)	Emax(lx)
Ra90			107°	
Fixture Power	26W	1	2.70	757
Source Flux	3200lm	2	5.41	189
Fixture Flux	1993lm	3	8.11	84
Efficacy	77lm/W	4	10.81	47
TS1075 Imax=237cd/klm	Imax 757cd	5	13.52	30

Maximum UGR = 29.1 *(based on actual lumens)*