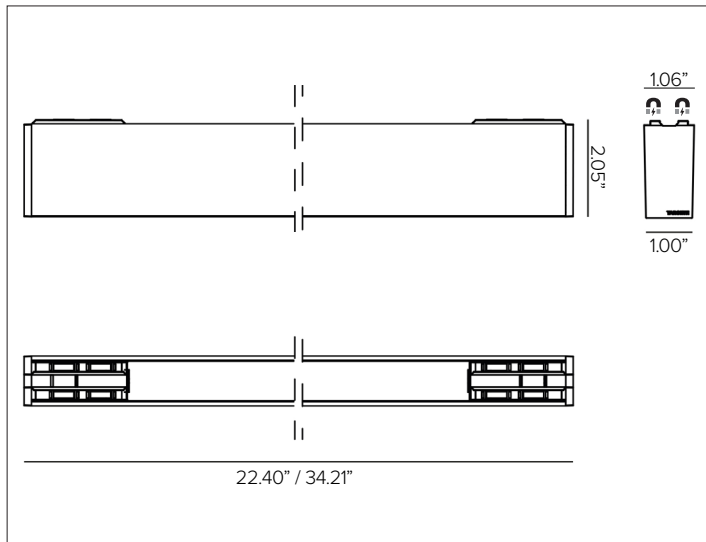


OZ 48V SMALL LINEAR

Magnet Mounted Modular Light System



OZ 48V SMALL LINEAR shown in Deep Black Finish.



CONCEPT

Professional magnet mounted low voltage modular linear light system allowing for maximum application flexibility.

MECHANICAL CHARACTERISTICS

Dimensions	1" W x 2" H nominal
Materials	Extruded aluminum finished body.
Finish	● Plaster White ● Deep Black
Power Connection	Magnetized electrical non-polarized coupling system.
Mounting	Simple magnetized coupling system that mounts directly to OZ 48V POWER RAIL . Provides an easy installation for fixture field mounting and reconfigurations. This modular system meets seismic requirements; no extra security is required.
Weight	22" model: 1.26lbs / 34" model: 1.83lbs
Protection	IP20

CERTIFICATIONS

cULus Class 2 Location Listed.
 Tested in accordance with LM-79-08.
 Compliant with California energy regulations.
 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 power supply options available.
Wattage	22" L: 13W / 34" L: 20W
Voltage	48V
Control	0-10V dimmable through remote power / digital dimming interface for group fixture control OR wireless bluetooth control through Casambi app interface for individual fixture control. Refer to Targetti LMS (Light Management System) for detailed information.

SOURCE

High efficiency LED Chip on Board.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	90	90.9	100.1	3
	3000K	90	91.4	100.8	3
	3500K	90	90.3	100.4	3
	4000K	90	89.8	98.7	3

OPTIC

Diffused light with white highly reflective MCPET reflector and opaline polycarbonate lens.

		22"L 108°	34"L 108°
Delivered Lumens	2700K	868Lm	1303Lm
	3000K	923Lm	1385Lm
	3500K	951Lm	1427Lm
	4000K	979Lm	1469Lm
Efficacy	77Lm/W max. Refer to photometric graphs for specific values.		
Lifetime	L80/B10 >60,000hrs at max TA +25°C		
Photobiological Classification	Low risk photobiological safety RG1		

OZ 48V SMALL LINEAR

SPECIFICATION INFORMATION



1 - PRODUCT CODE	2 - TYPE	3 - CONTROL	4 - FINISH	5 - WATTAGE	6 - KELVIN
OZ — OZ 48V	122L ^A — Small 22"L Linear	— — 0-10V Digital Dim	PW — Plaster White	L1 — 13W	27 — 2700K
	134L ^B — Small 34"L Linear	C — Casambi Wireless Bluetooth	DB — Deep Black RAL — Custom RAL	L2 — 20W	30 — 3000K 35 — 3500K 40 — 4000K

7 - RAIL & DRIVER	8 - PROFILE
<p>REQUIRED</p> <p>See OZ 48V POWER RAIL spec sheet for specification information.</p>	<p>OPTIONAL</p> <p>See OZ 48V PROFILE spec sheets for specification information. SURFACE/SUSPENSION or RECESSED.</p>

^A 22"L available in 13W only.

^B 34"L available in 20W only.

OZ 48V SMALL LINEAR

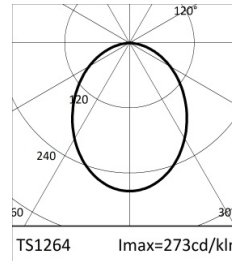
PHOTOMETRY

LINEAR 22"L



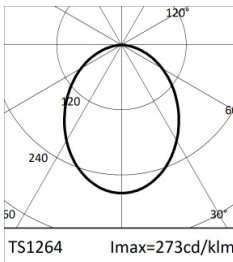
2700K		H(m)	D(m)	Emax(lx)
Ra90		94°		
Fixture Power	13W	1	2.13	373
Source Flux	1366lm	2	4.27	93
Fixture Flux	868lm	3	6.40	41
Efficacy	65lm/W	4	8.54	23
TS1264	I _{max} =273cd/klm	I _{max}	373cd	5 10.67 15

Maximum UGR = 28.2 (based on actual lumens)



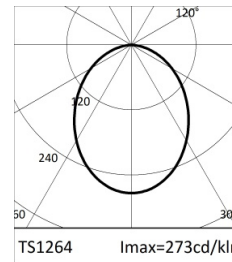
3000K		H(m)	D(m)	Emax(lx)
Ra90		94°		
Fixture Power	13W	1	2.13	396
Source Flux	1452lm	2	4.27	99
Fixture Flux	923lm	3	6.40	44
Efficacy	69lm/W	4	8.54	25
TS1264	I _{max} =273cd/klm	I _{max}	396cd	5 10.67 16

Maximum UGR = 28.4 (based on actual lumens)



3500K		H(m)	D(m)	Emax(lx)
Ra90		94°		
Fixture Power	13W	1	2.13	408
Source Flux	1496lm	2	4.27	102
Fixture Flux	951lm	3	6.40	45
Efficacy	71lm/W	4	8.54	26
TS1264	I _{max} =273cd/klm	I _{max}	408cd	5 10.67 16

Maximum UGR = 28.5 (based on actual lumens)



4000K		H(m)	D(m)	Emax(lx)
Ra90		94°		
Fixture Power	13W	1	2.13	420
Source Flux	1540lm	2	4.27	105
Fixture Flux	979lm	3	6.40	47
Efficacy	73lm/W	4	8.54	26
TS1264	I _{max} =273cd/klm	I _{max}	420cd	5 10.67 17

Maximum UGR = 28.6 (based on actual lumens)

LINEAR 34"L



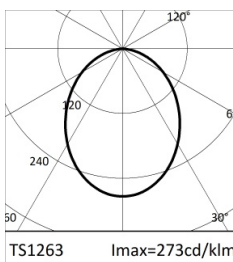
2700K		H(m)	D(m)	Emax(lx)
Ra90		94°		
Fixture Power	20W	1	2.13	559
Source Flux	2049lm	2	4.27	140
Fixture Flux	1303lm	3	6.40	62
Efficacy	66lm/W	4	8.54	35
TS1263	I _{max} =273cd/klm	I _{max}	559cd	5 10.67 22

Maximum UGR = 28.2 (based on actual lumens)



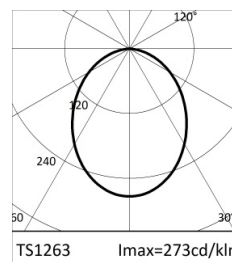
3000K		H(m)	D(m)	Emax(lx)
Ra90		94°		
Fixture Power	20W	1	2.13	594
Source Flux	2178lm	2	4.27	149
Fixture Flux	1385lm	3	6.40	66
Efficacy	70lm/W	4	8.54	37
TS1263	I _{max} =273cd/klm	I _{max}	594cd	5 10.67 24

Maximum UGR = 28.4 (based on actual lumens)



3500K		H(m)	D(m)	Emax(lx)
Ra90		94°		
Fixture Power	20W	1	2.13	612
Source Flux	2244lm	2	4.27	153
Fixture Flux	1427lm	3	6.40	68
Efficacy	72lm/W	4	8.54	38
TS1263	I _{max} =273cd/klm	I _{max}	612cd	5 10.67 24

Maximum UGR = 28.5 (based on actual lumens)



4000K		H(m)	D(m)	Emax(lx)
Ra90		94°		
Fixture Power	20W	1	2.13	630
Source Flux	2310lm	2	4.27	158
Fixture Flux	1469lm	3	6.40	70
Efficacy	75lm/W	4	8.54	39
TS1263	I _{max} =273cd/klm	I _{max}	630cd	5 10.67 25

Maximum UGR = 28.6 (based on actual lumens)

OZ 48V SMALL LINEAR

CONTROL SYSTEM

Controlling light has never been easier. Targetti [LMS \(Light Management System\)](#) with Control by Casambi was created to make it possible to control light via Bluetooth Low Energy without the use of any special cables, ensuring system operational readiness. This wireless technology is compatible with all modern smart devices: smartphones, tablets and even smartwatches. Targetti fixtures are equipped with a special interface that allows them to communicate with each other to create a remotely controllable "smart" network.

The advantages are boundless. The possibility for users to interact with lighting – varying intensity, tone and shape in complete freedom and autonomy according to their needs. The design approach known as Human Centric Lighting that places people at the center of lighting projects.

Flexible and easy to use, suitable for managing all types of simple to more complex systems, LMS is a future-oriented system that can be constantly updated because it can be used with a simple application that can be downloaded onto a mobile device to manage the entire system in wireless mode.

INSTALLATION SEQUENCE

