

TARGETTI

STORE MINI GIMBAL CLASS II

Adjustable Recessed LED Projector Downlight

Concept: Professional single COB LED in small aperture 3" recessed adjustable downlight.

Materials: Painted die-cast aluminium projector body and external ring. Polycarbonate internal ring. Available in black and white. Gimbal System to adjust the optical unit 30° vertically and 355° horizontally.

Optics: Primary optical assembly complete with metal precision optic with convex facets (SP, FL and MWF) or methacrylate lens (NS) only.

Mounting: Plentum accessible removable plasterframe with tool-free spring-clip mounting system.

Driver: Remote driver available as EldoLED Eco (1%) dimmable drivers. Consult factory for other driver options.

Wattage: 5W and 13W standard

Color Temperature: 2700K / 3000K / 3500K / 4000K

CRI: +92CRI

Lumen Maintenance (L70): 50,000hrs

Calculation for LED fixtures are based on measurements that comply with IES LM-80.

IP Rating: Damp Location

Certifications: cULus Damp Listed E479873

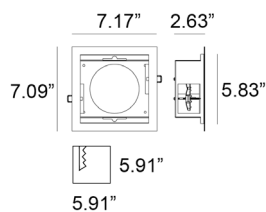
Tested in accordance with LM-79-08

Warranty: 5 year limited warranty



PRODUCT CODE	FIXTURE COLOR	CONFIG.	OPTICS	WATTAGE	COLOR TEMP	FRAME & DRIVER
STMG – STORE Mini Gimbal	PW – Plaster White	S – Single	N – Narrow Spot 9°	L1 – 5W	27 – 2700K	See Page 2
	DB – Deep Black		S – Spot 15°	L2 – 13W	30 – 3000K	
		F – Flood 30°		35 – 3500K		
		M – Medium Wide Flood 48°		40 – 4000K		
		W – Wide Flood 60°				

Views



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FRAME (REQUIRED)	
1T6426	Single Frame Plaster White Finish
1T6423	Single Frame Deep Black Finish

Optic	Power Supply (REQUIRED)	Type	Max Fixture Per Driver	Output	Input/Output Voltage	Dimmability	Listing	Dimensions
NS Optic Only	PS001'	EldoLED Eco Drive Class II Power Supply, side feed only <i>(Listed Enclosure Provided by Others)</i>	1	10W 900mA	Universal 120-277VAC	0-10V Dimmable to 1%	UR Class 2	5.12" x 2.83" x 1.35"
SP, FL, MW Optics	PS002'	EldoLED Eco Drive Class II Power Supply, side feed only <i>(Listed Enclosure Provided by Others)</i>	1	20W 350mA	Universal 120-277VAC	0-10V Dimmable to 1%	UR Class 2	5.12" x 2.83" x 1.35"
SP, FL, MW Optics	PS005'	Electronic Class II Driver, side feed only <i>(Listed Enclosure Provided by Others)</i>	1	16W 350mA	120VAC	Phase Dimmable to 15%	UR Class 2	4.38" x 1.86" x 1.30"

Consult factory for additional driver options.

¹Installation of transformer must be compliant to Class 2 installation standards. Refer to NEC and local building code requirements.

Optical Accessories:	
Maximum of one optical accessory per fixture	
1T6521	Protective screen. Diameter 2".
49881	Chromatic filter Red. Glass made, with dichroic treatment. Diameter 2".
49882	Chromatic filter Green. Glass made, with dichroic treatment. Diameter 2".
49886	Chromatic filter Blue. Glass made, with dichroic treatment. Diameter 2".
49887	Chromatic filter Yellow. Glass made, with dichroic treatment. Diameter 2".
49959	Chromatic filter Magenta. Glass made, with dichroic treatment. Diameter 2".
1T1745	Chromatic filter Cold tone. Interference glass filter to vary the colour temperature of light. Diameter 2".
1T1748	Chromatic filter Gold tone. Interference glass filter to vary the colour temperature of light. Diameter 2".
1T1751	Chromatic filter Peach tone. Interference glass filter to vary the colour temperature of light. Diameter 2".
1T4721	Parallel ribbed glass light blade filter. This makes the beam take on an oval shape, more evident when combined with spot and flood optics. Diameter 2".
1T4322	Anti-glare grid. Black lacquered metal honeycomb structure. Diameter 2".
1T4325	Asymmetric screen in anodized diffusive aluminum, black painted outside. Complete with blade light filter. Ideal for a wall washer effect. To be combined with spot and flood optics. Diameter 2".
1T4324	Zoom optical system consists of flat convex lens in optical glass, specular reflector in anodized aluminium and diffusive holographic filter. To be used after removing the existing optic. It allows to obtain a variable beam from 15° to 60°.



1T6521



Chromatic Filters



Tonal Filters



1T4721



1T4322



1T4325



1T4324



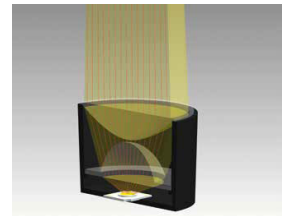
OPTICAL SYSTEM

The optical system is the heart of every lighting fixture and its role is to adapt to the lamp, control emission and create the light beam. Every optical system is different, calibrated by a specific lamp to maximise performance and designed to interpret a lighting task to the full. Following rapid developments in LED lamps and new technology associated with them it is now more important than ever to look for new solutions, geometry and materials. Given the importance and specificity of this function Targetti has an internal design department dedicated to constantly creating and evolving its optical systems. Extremely innovative proprietary systems that are very different to each other, often protected by patents are developed with careful attention to the precision of the light beams and the best efficiency possible.

Reflector Optics:

LENTICULAR

“Designed” Light. In general they are used to create more precise beams where both performance and precision are essential requirements. Optics made with different lens geometries and materials depending on the type of LED lamp, whether a single or linear module, range from plano-convex optical glass from the best Italian tradition, to Fresnel lenses printed in noble plastic materials or innovative transparent cylindrical rods.



FACETED

Maximum Efficiency of soft light. Made from high vacuum metallised plastic protected with a Scratch Proof Formula or from polished anodised pure aluminium, their high reflectance always ensures high optical efficiency. Profiles designed with the best simulation software and the ellipsoidal convex facets overlaid on them are calibrated to generate various beam angles with an optimal light mix to create precise, soft, clean beams.

