TARGETTI

CLOUD Mini

Extractable 4” LED Downlight Projector

Concept: LED recessed extractable downlight.
Housings: Non IC plaster frame or IC/Air tight housing available.
Materials: Head, front ring and heat sink in die-cast aluminum painted in plaster white or deep black finish.
Trim: Die-cast aluminum frame in plaster white or deep black.
Optics: SP 15° and FL 30° versions fitted with hybrid methacrylate lenses. MWFL 46° and WFL 60° versions equipped with precision optics with polished anodised aluminium convex facets.
Mounting: Removable front ring for the insertion of dedicated optical accessories. Tool-free spring-clip mounting system into Targetti recessed housings. May be manually aimed from -20° to +75° in the vertical plane and 355° in the horizontal plane.
Driver: Driver available as Electronic Phase Dimmable or 0-10V dimmable. Also available with EldoLED 0-10V, Eco (1%) and Solo (0.1%) dimmable drivers
Wattage: 9W, 15W, and 20W
Color Temperature: 2700°K, 3000°K, 3500°K and 4000°K
CRI: +92CRI
Universal Voltage: 120-277V AC 50/60 Hz, 120V or 277V must be specifed for correct thermal protector
IP Rating: IP20, IP23 rated
Certifications: cULus Damp Listed E477426
Tested in accordance with LM-79-08
IC/Air tight housing version is Chicago Plenum Rated
[A] Title 24 commercial installation compliant.
[B] Title 24 JA8 compliant 9W and 15W versions only, contact factory for available options.
Warranty: 5 year limited warranty

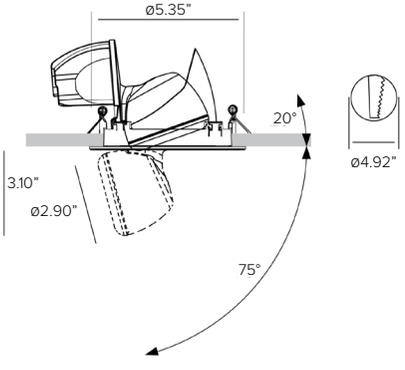
PRODUCT CODE	FIXTURE COLOR	OPTICS[2]	WATTAGE	COLOR TEMP
CLM – CLOUD Mini	**PW** — Plaster White	**SP** — Spot 15°	**L0** — 9W	**27** — 2700K
	DB — Deep Black		**L1** — 15W	**30** — 3000K
		FL — Flood 30°	**L0** — 9W	**35** — 3500K
		MF — Medium Wide Flood 46°	**L1** — 15W	**40** — 4000K
			L2 — 20W	
		WF — Wide Flood 60°	**L1** — 15W	
			L2 — 20W	

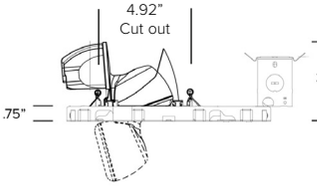
+ HOUSING	DRIVER	VOLTAGE
NC — Non-IC Plaster Frame	**EP[2]** — Electronic Phase Dimmable	**1** — 120
IC[1] — IC/Air Tight Housing	**10** — 0-10V Dimmable	**2** — 277
	E1 — Eldo 1%	
	E0 — Eldo 0.1%	

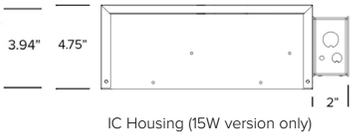
[1] **IC/Air tight housing suitable for Chicago Plenum rated installation.**

[2] **Electronic phase dimming available for 120V only.**

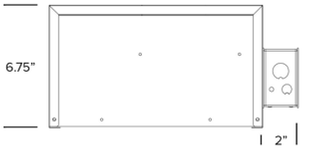
Views



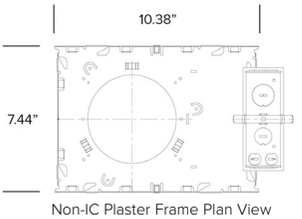




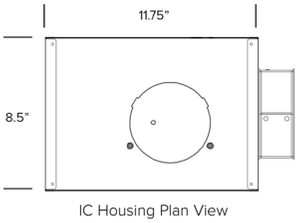
IC Housing (15W version only)



IC Housing (20W version only)



Non-IC Plaster Frame Plan View



IC Housing Plan View

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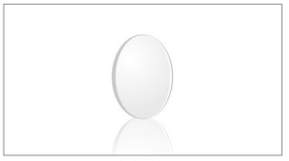
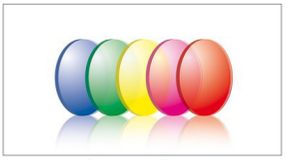
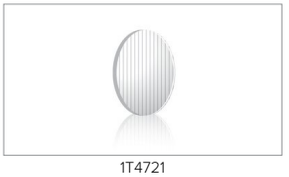
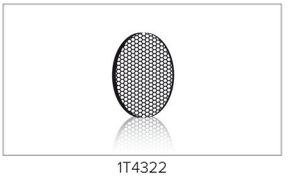
Optical Accessories:	
Maximum of one optical accessory per fixture	
1T6521	Clear protective glass lens. Diameter 2".
49881	Chromatic filter Red. Glass made, with dichroic treatment. Diameter 2".
49882	Chromatic filter Green. Glass made, with dichroic treatment. Diameter 2".
49886	Chromatic filter Blue. 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°. **Cannot be used with hybrid optic version (SP or FL optics).**


1T6521


Chromatic Filters


Tonal Filters


1T4721


1T4322


1T4325


1T4324

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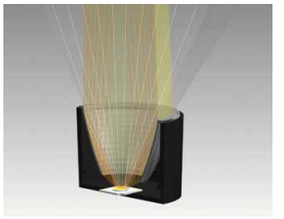
OPTICAL SYSTEM

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:

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.



HYBRID

Performance and control. Based on the combined use of reflectors and lenses to combine the advantages of two light control methods. High efficiency and clean beams for well collimated beams that are completely free from fall-off halos, which is a normal effect of light that is not controlled in optics with a simple reflector. Inside a classic faceted reflector a frame is inserted which positions one or more optical glass lens in front of the lamp: while the reflector controls the periphery of the beam, the lenses manage its central part separately, the part that normally escapes out of control. Cancelling “spurious” light is combined with flux recovery and an increase in intensity inside the beam.