

TARGETTI

STORE GIMBAL

Adjustable Recessed LED Projector Downlight

Concept: Professional single COB LED in small aperture 4" recessed adjustable downlight.

Housings: Non IC plaster frame or IC/Air tight housing available.

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

Optics: Primary optical assembly complete with metal precision optic with convex facets.

Mounting: Tool-free spring-clip mounting system into Targetti recessed housings.

Driver: Driver available as Electronic Phase or 0-10V dimmable. Also available with EldoLED 0-10V, Eco (1%) and Solo (0.1%) dimmable drivers

Wattage: 23W and 37W standard

Color Temperature: 3000K and 4000K standard

Lumens:	84CRI				97CRI			
	3000K		4000K		3000K		4000K	
	23W	37W	23W	37W	23W	37W	23W	37W
Spot 14° =	2282Lm	3326Lm	2356Lm	3436Lm	1712Lm	2495Lm	1769Lm	2577Lm
Flood 27° =	2274Lm	3314Lm	2349Lm	3423Lm	1706Lm	2487Lm	1762Lm	2568Lm
Medium Wide Flood 45° =	2333Lm	3400Lm	2409Lm	3512Lm	1750Lm	2551Lm	1808Lm	2634Lm
Wide Flood 59° =	2365Lm	3447Lm	2442Lm	3561Lm	1774Lm	2586Lm	18333Lm	2671Lm

Lumen Maintenance (L70): 50,000hrs

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

Voltage: 120-277V AC 50/60Hz, 120V or 277V must be specified for correct thermal protector.

IP Rating: IP20

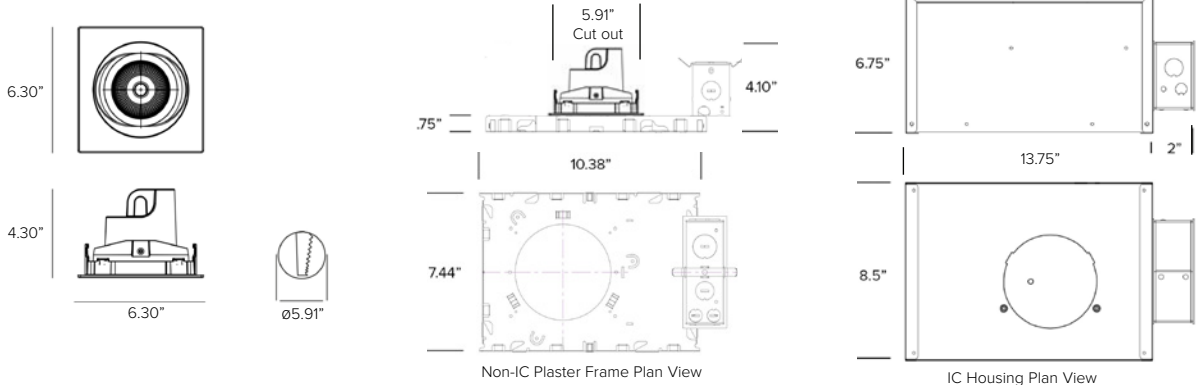
Certifications: Damp rated cULus listed to UL1598 & UL8750
IC/Air tight housing version is Chicago Plenum Rated.
Tested in accordance with LM-79-08

Warranty: 5 year limited warranty



PRODUCT CODE	FIXTURE COLOR	DRIVER	OPTICS	WATTAGE	COLOR TEMP	CRI	HOUSING	VOLTAGE
STLG – STORE Gimbal	WH – Plaster White	EP ¹ – Electronic Phase Dimmable	SP – Spot 15°	L1 – 23W	30 – 3000K	84 – 84 CRI	NC – Non-IC Plaster Frame	1 – 120
	DB – Deep Black	10 – 0-10V	FL – Flood 30°	L2 – 37W	40 – 4000K	97 – 97 CRI	IC – IC/Air Tight Housing	2 – 277
		E1 – Eldo 1%	MW – Medium Wide Flood 46°					
		E0 – Eldo 0.1%	WF – Wide Flood 60°					
		¹ Electronic phase dimmable available for 120V only. [*] Lutron 1% ECO system driver available upon request.						

Views



ACCESSORIES	
1T3727	Accessory holder ring Black painted aluminum <i>Required for use of all filters or louvers</i>
1T1712	Chromatic Filter - Red
1T1713	Chromatic Filter - Green
1T1714	Chromatic Filter - Blue
1T1715	Chromatic Filter - Yellow
1T1716	Chromatic Filter - Magenta
1T1777	Cold Tone Filter
1T1786	Gold Tone Filter
1T1759	Peach Tone Filter
1T1708	Blade of Light Filter
1T1709	Diffusive Filter
1T1711	Honeycomb Louver
1T3143	Asymmetric screen
1T3432	Zoom
1T3142	Cut-Off Tube



1T3727



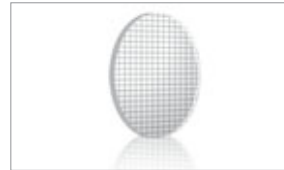
Chromatic filters



Tonal filters



1T1708



1T1709



1T1711



1T3143



1T3142



1T3432

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Photometry

SPOT			POLAR GRAPH	CONE OF LIGHT					
Fixture Power	23W	23W		(Ft)	Alpha=0.8°-0.8°	GM=0.2°	Beta=0.8°-0.8°	Max	Med
CRI	84 CRI	97 CRI		7.00				ftcd	ftcd
Fixture Output	2282Lm	1712Lm		14.00				430	279
Kelvin Temp	3000°K	3000°K		21.00				48	31
Beam Spread	Spot 14°	Spot 14°		28.00				27	17
I _{Max}	784cd/klm	784cd/klm		35.00				17	11
Efficacy	99 Lm/W	74 Lm/W							

SPOT			POLAR GRAPH	CONE OF LIGHT					
Fixture Power	23W	23W		(Ft)	Alpha=0.8°-0.8°	GM=0.2°	Beta=0.8°-0.8°	Max	Med
CRI	84 CRI	97 CRI		7.00				ftcd	ftcd
Fixture Output	2356Lm	1769Lm		14.00				444	288
Kelvin Temp	4000°K	4000°K		21.00				111	72
Beam Spread	Spot 14°	Spot 14°		28.00				49	32
I _{Max}	784cd/klm	784cd/klm		35.00				28	18
Efficacy	102 Lm/W	77 Lm/W						18	12

SPOT			POLAR GRAPH	CONE OF LIGHT					
Fixture Power	37W	37W		(Ft)	Alpha=0.8°-0.8°	GM=0.2°	Beta=0.8°-0.8°	Max	Med
CRI	84 CRI	97 CRI		7.00				ftcd	ftcd
Fixture Output	3326Lm	2496Lm		14.00				627	407
Kelvin Temp	3000°K	3000°K		21.00				157	102
Beam Spread	Spot 14°	Spot 14°		28.00				70	45
I _{Max}	7845cd/klm	7845cd/klm		35.00				39	25
Efficacy	90 Lm/W	67 Lm/W						25	16

SPOT			POLAR GRAPH	CONE OF LIGHT					
Fixture Power	37W	37W		(Ft)	Alpha=0.8°-0.8°	GM=0.2°	Beta=0.8°-0.8°	Max	Med
CRI	84 CRI	97 CRI		7.00				ftcd	ftcd
Fixture Output	3436Lm	2577Lm		14.00				647	420
Kelvin Temp	4000°K	4000°K		21.00				162	105
Beam Spread	Spot 14°	Spot 14°		28.00				72	47
I _{Max}	7845cd/klm	7845cd/klm		35.00				40	26
Efficacy	93 Lm/W	70 Lm/W						26	17

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Photometry

FLOOD			POLAR GRAPH	CONE OF LIGHT					
Fixture Power	23W	23W		(Ft)	Alpha=13.7°=13.7°	G=0.2°	Beta=13.7°=13.7°	Max	Med
CRI	84 CRI	97 CRI		5.00				ftcd	ftcd
Fixture Output	2274Lm	1706Lm		10.00				249	160
Kelvin Temp	3000°K	3000°K		15.00				62	40
Beam Spread	Flood 27°	Flood 27°		20.00				28	18
I _{Max}	3087cd/klm	3087cd/klm		25.00				16	10
Efficacy	99 Lm/W	74 Lm/W						10	6

FLOOD			POLAR GRAPH	CONE OF LIGHT					
Fixture Power	23W	23W		(Ft)	Alpha=13.7°=13.7°	G=0.2°	Beta=13.7°=13.7°	Max	Med
CRI	84 CRI	97 CRI		5.00				ftcd	ftcd
Fixture Output	2349Lm	1763Lm		10.00				343	221
Kelvin Temp	4000°K	4000°K		15.00				86	55
Beam Spread	Flood 27°	Flood 27°		20.00				38	25
I _{Max}	3087cd/klm	3087cd/klm		25.00				21	14
Efficacy	102 Lm/W	77 Lm/W						14	9

FLOOD			POLAR GRAPH	CONE OF LIGHT					
Fixture Power	37W	37W		(Ft)	Alpha=13.7°=13.7°	G=0.2°	Beta=13.7°=13.7°	Max	Med
CRI	84 CRI	97 CRI		6.00				ftcd	ftcd
Fixture Output	3314Lm	2487Lm		12.00				252	162
Kelvin Temp	3000°K	3000°K		18.00				63	41
Beam Spread	Flood 27°	Flood 27°		24.00				28	18
I _{Max}	3087cd/klm	3087cd/klm		30.00				16	10
Efficacy	90 Lm/W	67 Lm/W						10	6

FLOOD			POLAR GRAPH	CONE OF LIGHT					
Fixture Power	37W	37W		(Ft)	Alpha=13.7°=13.7°	G=0.2°	Beta=13.7°=13.7°	Max	Med
CRI	84 CRI	97 CRI		6.00				ftcd	ftcd
Fixture Output	3423Lm	2568Lm		12.00				260	167
Kelvin Temp	4000°K	4000°K		18.00				65	42
Beam Spread	Flood 27°	Flood 27°		24.00				29	19
I _{Max}	3087cd/klm	3087cd/klm		30.00				16	10
Efficacy	93 Lm/W	69 Lm/W						10	7

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Photometry

MEDIUM WIDE FLOOD			POLAR GRAPH	CONE OF LIGHT		
Fixture Power	23W	23W		(Ft)	Max	Med
CRI	84 CRI	97 CRI		4.00	ftcd	ftcd
Fixture Output	2333Lm	1750Lm		8.00	51	31
Kelvin Temp	3000°K	3000°K		12.00	23	14
Beam Spread	MWF 45°	MWF 45°		16.00	13	8
I _{Max}	1655cd/klm	1655cd/klm		20.00	8	5
Efficacy	101 Lm/W	76 Lm/W				

MEDIUM WIDE FLOOD			POLAR GRAPH	CONE OF LIGHT		
Fixture Power	23W	23W		(Ft)	Max	Med
CRI	84 CRI	97 CRI		4.00	ftcd	ftcd
Fixture Output	2410Lm	1808Lm		8.00	282	173
Kelvin Temp	4000°K	4000°K		12.00	70	43
Beam Spread	MWF 45°	MWF 45°		16.00	31	19
I _{Max}	1655cd/klm	1655cd/klm		20.00	18	11
Efficacy	105 Lm/W	79 Lm/W			11	7

MEDIUM WIDE FLOOD			POLAR GRAPH	CONE OF LIGHT		
Fixture Power	37W	37W		(Ft)	Max	Med
CRI	84 CRI	97 CRI		5.00	ftcd	ftcd
Fixture Output	3400Lm	2551Lm		10.00	254	157
Kelvin Temp	3000°K	3000°K		15.00	64	39
Beam Spread	MWF 45°	MWF 45°		20.00	28	17
I _{Max}	1655cd/klm	1655cd/klm		25.00	16	10
Efficacy	90 Lm/W	69 Lm/W			10	6

MEDIUM WIDE FLOOD			POLAR GRAPH	CONE OF LIGHT		
Fixture Power	37W	37W		(Ft)	Max	Med
CRI	84 CRI	97 CRI		6.00	ftcd	ftcd
Fixture Output	3512Lm	2635Lm		12.00	260	167
Kelvin Temp	4000°K	4000°K		18.00	65	42
Beam Spread	MWF 45°	MWF 45°		24.00	29	19
I _{Max}	1655cd/klm	1655cd/klm		30.00	16	10
Efficacy	95 Lm/W	71 Lm/W			10	7

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Photometry

WIDE FLOOD			POLAR GRAPH	CONE OF LIGHT			
Fixture Power	23W	23W		(Ft)		Max	Med
CRI	84 CRI	97 CRI		5.00		ftcd	ftcd
Fixture Output	2365Lm	1774Lm		10.00		30	17
Kelvin Temp	3000°K	3000°K		15.00		13	8
Beam Spread	WFL 59°	WFL 59°		20.00		8	4
I _{Max}	1141cd/klm	1141cd/klm		25.00		5	3
Efficacy	103 Lm/W	77 Lm/W					

WIDE FLOOD			POLAR GRAPH	CONE OF LIGHT			
Fixture Power	23W	23W		(Ft)		Max	Med
CRI	84 CRI	97 CRI		3.00		ftcd	ftcd
Fixture Output	2443Lm	1833Lm		6.00		87	49
Kelvin Temp	4000°K	4000°K		9.00		39	22
Beam Spread	WFL 59°	WFL 59°		12.00		22	12
I _{Max}	1141cd/klm	1141cd/klm		15.00		14	8
Efficacy	106 Lm/W	80 Lm/W					

WIDE FLOOD			POLAR GRAPH	CONE OF LIGHT			
Fixture Power	37W	37W		(Ft)		Max	Med
CRI	84 CRI	97 CRI		5.00		ftcd	ftcd
Fixture Output	3447Lm	2586Lm		10.00		44	25
Kelvin Temp	3000°K	3000°K		15.00		20	11
Beam Spread	WFL 59°	WFL 59°		20.00		11	6
I _{Max}	1142cd/klm	1142cd/klm		25.00		7	4
Efficacy	93 Lm/W	70 Lm/W					

WIDE FLOOD			POLAR GRAPH	CONE OF LIGHT			
Fixture Power	37W	37W		(Ft)		Max	Med
CRI	84 CRI	97 CRI		5.00		ftcd	ftcd
Fixture Output	3561Lm	2671Lm		10.00		46	26
Kelvin Temp	4000°K	4000°K		15.00		20	11
Beam Spread	WFL 59°	WFL 59°		20.00		11	6
I _{Max}	1142cd/klm	1142cd/klm		25.00		7	4
Efficacy	96 Lm/W	72 Lm/W					