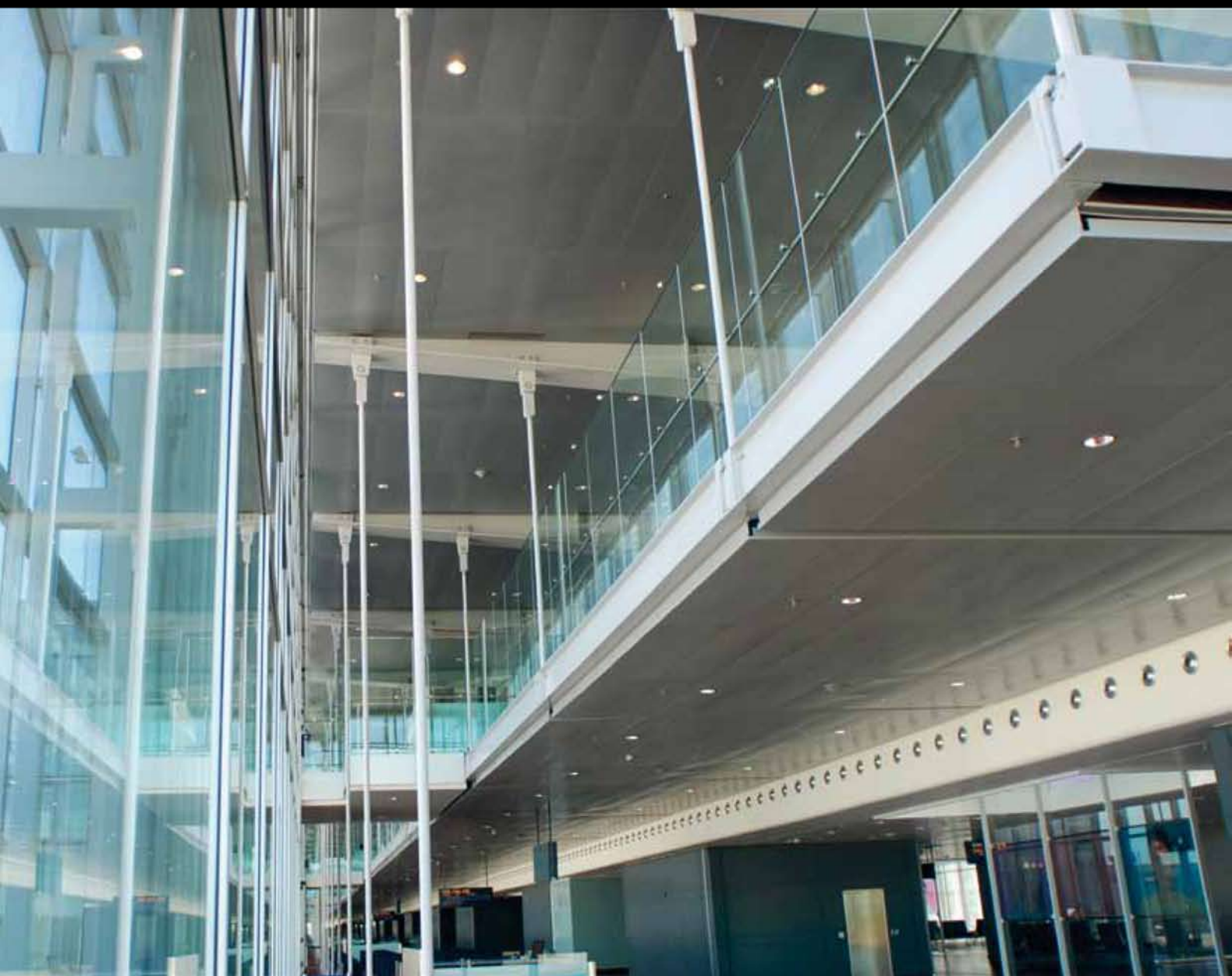


# CCTLed DOWNLIGHT

LED RECESSED DOWNLIGHT



# TARGETTI



# CCTLed DOWNLIGHT



## INNOVATIVE

CCTLed combines aesthetic features and performance in a single product resulting in a lighting performance and versatile design tool. Different versions from a range that takes the concept of innovation to its extreme, reaching out into the future of LED technology.



## ONE SIZE, MULTIPLE VERSIONS

CCTLed is the smallest downlight of its category, and today the only one on the market with a LED power output of up to 37W and a recessed depth of 4 inches. Compact even in its diameter (only 6.3"), CCTLed breaks away from the usual sizes of traditional recessed downlights. Much smaller but with better performance for a truly surprising overall effect.

## MAXIMUM LONG TERM RELIABILITY

The perfect heat management is what makes the CCTLed fixture extremely reliable, thanks to the heat sink's specific design and the ample dissipation surface which guarantees a passive heat dissipation without the addition of a fan.



Ø 6.3"



H. 4" all versions



37W > 2600lm



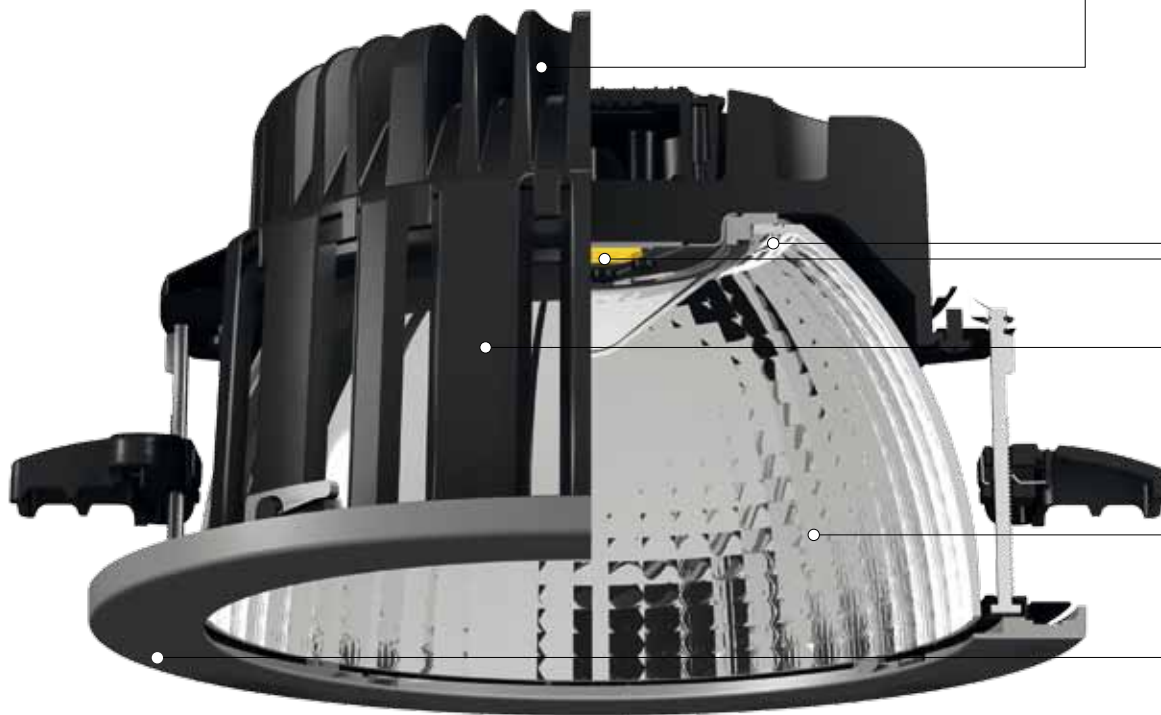
3000K, 4000K



Smart, Tech, Feel, Wall Washer



# CCTLed DOWNLIGHT



## MODULAR AND RENEWABLE

CCTLed can be easily upgraded with new LED sources, thanks to a universal interface that makes it compatible with all latest generation LEDs, even the ones expected to be developed in the near future. Renewable also, due to the concept of its modular design. The configuration of the product can easily be varied by changing, for example, the optics or the finishing ring, while keeping the mounting hole unaltered. This allows the system to easily adapt itself to the different lighting needs that would arise over time, i.e. the changing requirements of the area for which the project was originally conceived.

## TRIMLESS VERSIONS

CCTLed is also available in the Trimless version which completely retracts into the false ceiling. Performance, uniqueness, durability and versatility feature this sophisticated version with invisible ring.



PASSIVE DISSIPATION

an excellent heat management guarantees maintained long-term performances

MODULAR INTERFACE

compatible with today and tomorrow LEDs

LED 2000/3000lm

latest generation LED with two different power outputs, available in the warm white 3000K tones, and neutral white 4000K.

BODY

CCTLed platform ensures highly versatile applications: downlights, recessed projectors, suspensions

OPTICS

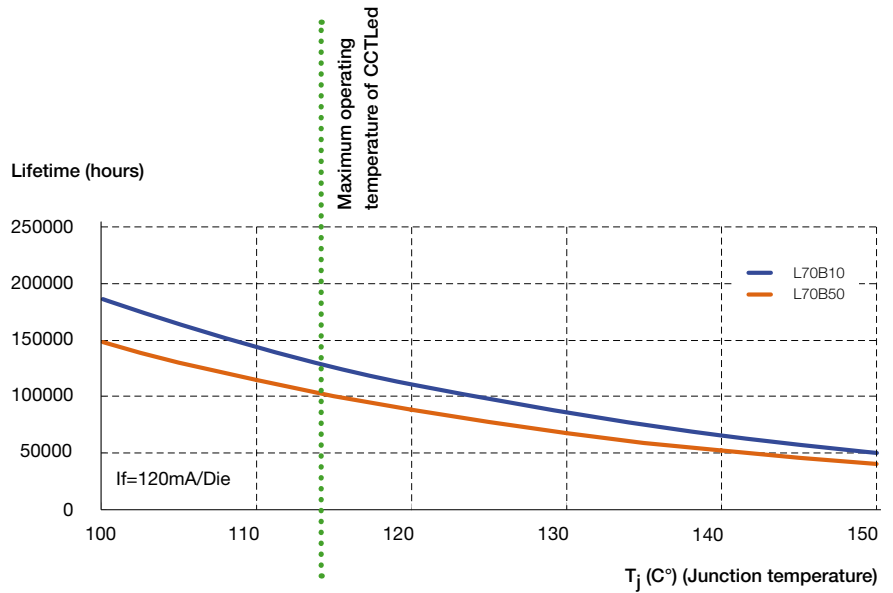
differentiated optic systems

INTERCHANGEABLE RINGS

protection and design in black and white.

# LONG TERM QUALITY AND PERFORMANCE

CCTLed's heat sink is able to keep the LED's junction point temperatures below the prescribed levels, thereby maximizing performance and above all, maintaining this over time. The LED source within the CCTLed works below 115° C which is why it can have a realistic life span of up to 100,000 hours hours.



## BIG POWER IN A COMPACT SIZE

With a design of just 4 inches, this downlight is the best performing in the market. LED power output of up to 37W with fixture fluxes up to 2600lm. Great performance in a compact body.



# CCTLed DOWNLIGHT

The three CCTLed versions names - SMART, TECH and FEEL - suggest the different light “feelings” and effects as well as some ideal applications of the downlight. It is up to the sensitivity of the designer to evaluate the different characteristics and to explore different uses which, in fact, are endless. Optics with different geometries and mirror faceted or smooth matte finishes can be combined together to create a wide range of lighting effects, always ensuring the highest level of efficacy, visual comfort and chromatic quality.



The most performing of the three versions with direct light emission: 37W LEDs, efficacy of up to 73lm/W.

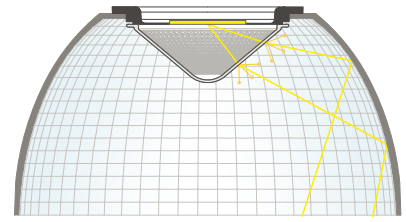
The most technical of the three versions: 37W LEDs. Two reflectors that, combined together, ensure a high luminance control.



It is certainly the most sophisticated one, due to the accuracy of its design and to the light which is emitted only indirectly, leaving the source totally hidden.

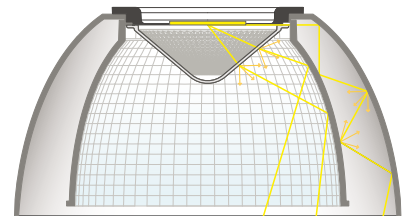
## SMART

CCTLed SMART is not only characterised by the geometry of the reflector, but also by its combination with an innovative microprismatic dome refractor that shields the LED source and distributes the light in a soft and diffused manner. CCTLed is ideal where a diffused and perfectly homogeneous general lighting is required.



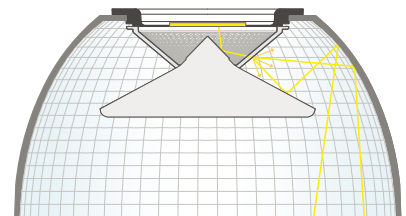
## TECH

The light is emitted in an efficient and controlled manner by the internal reflector while the external one outlines a luminous ring that enhances the evocative effect. CCTLed TECH is suitable to be installed not only in environments that require strict glare control, but also in areas with high ceilings or double volumes, where light control is fundamental to ensure good illuminating values, precision and visual comfort.



## FEEL

Only 37W LED consumption for an extremely original downlight, whose design and the completely hidden light source are able to create captivating atmospheres with great visual comfort. The final effect is extremely comfortable with a very little glare.





# CCTLed DOWNLIGHT



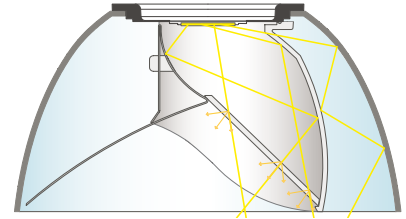
## NEW LED WALL WASHER

The CCTLed downlight family has extended to include a new exclusively LED sourced wall washer version. Not just a simple optic, but a combined group of reflectors specifically designed for LED sources, guaranteeing a completely uniform illumination of large vertical surfaces in all their height. Additional features include a wide beam and high point of attack. A decidedly ample spacing allowance between fixtures provides a uniformly “washed” wall both in width and in height.



## WALL WASHER

The distinctive feature of the CCTLed Wall Washer is a particularly sophisticated dual optic system comprising three different elements. The first captures and reflects the rays emitted by the LED source, which would otherwise reach the wall in a haphazard way; the second is the primary element that creates the real wall washer beam; the third is a diffusive plane filter, which serves to soften the final effect. Finally, an external reflector is added to collect and reflect 3% of the light emission recovered through small openings. The result is soft lighting while contributing to the aesthetic design of the fixture.



## GUARANTEED UNIFORMITY

Available in 37W, the CCTLed WALL WASHER is ideal for lighting up large vertical surfaces. Any space with illuminated walls will appear larger and more appealing. A 47 inch spacing between each fixture is sufficient to provide a completely uniform effect. This is real efficacy!

# CCTLed DOWNLIGHT



## A RING FOR EVERY ARCHITECTURAL DESIGN

CCTLed can be tailored to your application with either trimless option or with a matte white ring. Rings with straight or rounded edge and the new XL ring that reduces the size of the aperture. Specifically designed for the TECH version, thanks to its considerable size and brand new smooth effect, the XL ring creates a captivating play between light and matter, for professional spaces full of charm.





## TOOLS FREE INSTALLATION

Everything is so quick and easy with CCTLed. The installation is fast and intuitive. Every detail is designed to reduce installation times, including a push-in terminal for the connection to the driver unit. The sliding "claw" bracket for mounting into the housing is extremely easy, the optics have a bayonet lock, and the decorative rings are assembled by a simple twist and lock mechanism.



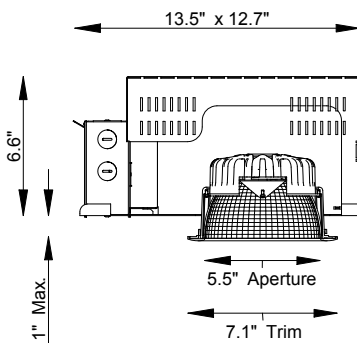
# CCTLed SMART



**DESIGN:** Targetti **CONCEPT:** CCTLed SMART recessed fixed low luminance LED projector. Compact black diecast aluminum body and heatsink. Passive thermal management for silent operation. Primary reflector designed for precise beam control for wide flood distribution. A diffusing lens covers the LED to reduce glare and spread the light. Unique sliding brackets allow for rapid,

tool-less installation of trim into housing. Lower reflector with either polished facets or smooth matte surface. Trimless fixture includes perforated flange for seamless plaster application. Trimmed fixtures have rings with a rounded or straight corner edge. **FINISH:** White trim ring, Smooth matte or Polished faceted reflector. **MATERIAL:** Body & heatsink: Diecast aluminum. Reflectors: polycarbonate. Ceiling

ring: Polycarbonate. Housing: steel. **MOUNTING:** Recessed: Mounting frame with two adjustable brackets spaced at 180° and electrical components to be installed prior to closing the ceiling. Ceiling types: Accessible and non-accessible ceilings. Ceiling cutout: 6.4". **WEIGHT:** 10 lbs. **LABEL:** cULus listed, damp location. IBEW



PRODUCT CODE	LIGHT SOURCE	VOLTAGE	TRIM	REFLECTOR/OPTICS
CCTLED SMART	37W LED/NEUTRAL WHT	120V	ROUND	FACETTED
	37W LED/WARM WHT	277V	STRAIGHT	MATTE
			TRIMLESS	

**Specification notes:**

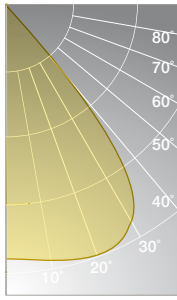
- a. Provided with one 120V or 277V 0-10V dimming electronic driver.
- b. All LED wattages are system power.

**Info notes:**

- I. Warm white: 3000°K. Neutral white: 4000°K (<4 SDCM). LED technology is rapidly changing. Specifications are based on present technology. For most up to date specifications see [www.targettiUSA.com](http://www.targettiUSA.com).
- II. Suitable for use in insulated ceilings in commercial and residential applications.
- III. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

**FACET 3000° + ROUND RING** Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36.4  
 Center Beam CP: 1594  
 Beam Angle: 78.4°  
 S/MH Ratio: 1.32



Vert. Angles	Candela 0°
5°	1600
10°	1635
15°	1689
20°	1716
30°	1500
40°	950
50°	122
60°	1
70°	0
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0	Beam Dia.
6'	44	9.8'
8'	25	13.0'
10'	16	16.3'
12'	11	19.6'
14'	8	22.8'

Beam diameter is at 50% max. Fc.

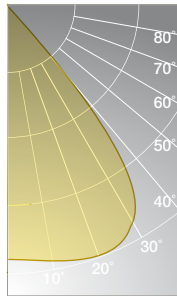
Coefficients of Utilization

RC	80			70			50	
	70	50	30	70	50	30	50	30
0	102	102	102	100	100	100	96	96
1	97	95	92	95	93	91	89	88
2	92	87	83	90	86	82	83	80
3	86	80	75	85	79	75	77	73
4	81	74	69	80	73	68	71	67
5	76	68	63	75	67	62	66	61
6	72	63	57	70	62	57	61	56
7	67	58	53	66	58	52	57	52
8	63	54	49	62	54	48	53	48
9	60	51	45	59	50	45	49	44
10	57	47	42	56	47	41	46	41

Effective Floor Cavity Reflectance 0.20

**FACET 4000° + ROUND RING** Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36.4  
 Center Beam CP: 1641  
 Beam Angle: 78.3°  
 S/MH Ratio: 1.32



Vert. Angles	Candela 0°
5°	1648
10°	1684
15°	1740
20°	1768
30°	1545
40°	978
50°	126
60°	1
70°	0
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0	Beam Dia.
6'	46	9.8'
8'	26	13.0'
10'	16	16.3'
12'	11	19.5'
14'	8	22.8'

Beam diameter is at 50% max. Fc.

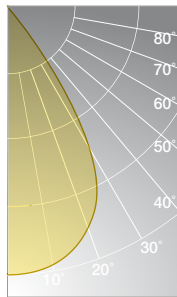
Coefficients of Utilization

RC	80			70			50	
	70	50	30	70	50	30	50	30
0	102	102	102	100	100	100	96	96
1	97	95	92	95	93	91	89	88
2	92	87	83	90	86	82	83	80
3	86	80	75	85	79	75	77	73
4	81	74	69	80	73	68	71	67
5	76	68	63	75	67	62	66	61
6	72	63	57	70	62	57	61	56
7	67	58	53	66	58	52	57	52
8	63	54	49	62	54	48	53	48
9	60	51	45	59	50	45	49	44
10	57	47	42	56	47	41	46	41

Effective Floor Cavity Reflectance 0.20

**MATTE 3000° + ROUND RING** Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36.4  
 Center Beam CP: 1784  
 Beam Angle: 79.9°  
 S/MH Ratio: 1.12



Vert. Angles	Candela 0°
5°	1777
10°	1744
15°	1678
20°	1579
30°	1296
40°	910
50°	242
60°	61
70°	22
80°	6
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0	Beam Dia.
6'	50	10.1'
8'	28	13.4'
10'	18	16.8'
12'	12	20.1'
14'	9	23.5'

Beam diameter is at 50% max. Fc.

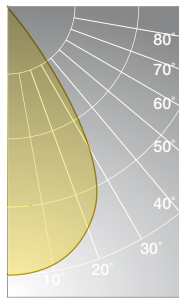
Coefficients of Utilization

RC	80			70			50	
	70	50	30	70	50	30	50	30
0	103	103	103	101	101	101	96	96
1	98	95	92	95	93	91	89	88
2	92	87	83	90	85	81	82	79
3	86	79	74	84	78	73	76	72
4	81	73	67	79	72	67	70	65
5	76	67	61	74	66	61	65	60
6	71	62	56	69	61	55	60	55
7	67	57	51	65	57	51	55	50
8	63	53	47	61	53	47	51	46
9	59	49	43	58	49	43	48	43
10	56	46	40	55	46	40	45	40

Effective Floor Cavity Reflectance 0.20

**MATTE 4000° + ROUND RING** Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36.4  
 Center Beam CP: 1838  
 Beam Angle: 79.9°  
 S/MH Ratio: 1.12



Vert. Angles	Candela 0°
5°	1830
10°	1796
15°	1728
20°	1627
30°	1335
40°	938
50°	249
60°	63
70°	23
80°	6
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0	Beam Dia.
6'	51	10.1'
8'	29	13.4'
10'	18	16.8'
12'	13	20.1'
14'	9	23.5'

Beam diameter is at 50% max. Fc.

Coefficients of Utilization

RC	80			70			50	
	70	50	30	70	50	30	50	30
0	103	103	103	101	101	101	96	96
1	98	95	92	95	93	91	89	88
2	92	87	83	90	85	81	82	79
3	86	79	74	84	78	73	76	72
4	81	73	67	79	72	67	70	65
5	76	67	61	74	66	61	65	60
6	71	62	56	69	61	55	60	55
7	67	57	51	65	57	51	55	50
8	63	53	47	61	53	47	51	46
9	59	49	43	58	49	43	48	43
10	56	46	40	55	46	40	45	40

Effective Floor Cavity Reflectance 0.20

Notes: a. Contribution from additional fixtures could increase Fc levels  
 b. Illuminance values are initial Fc without consideration of surface reflectances or Light Loss Factors.

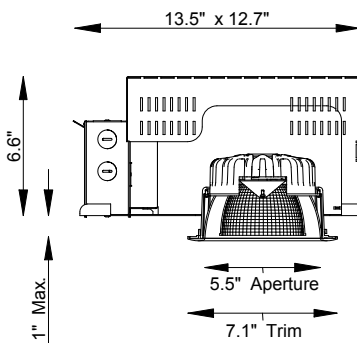
# CCTLed TECH



**DESIGN:** Targetti **CONCEPT:** CCTLed TECH recessed fixed low luminance LED projector. Passive thermal management for silent operation. Dual reflector design with inner primary reflector with convex facets for low luminance emission and Wide flood distribution. Outer reflector has slight illumination for evocative effect. A diffusing lens covers the LED to reduce glare. Unique sliding brackets allow for

rapid, tool-less installation of trim into housing. Lower reflector with either polished facets or smooth matte surface. Trimless fixture includes perforated flange for seamless plaster application. Trimmed fixtures have rings with a rounded or straight corner edge with 5.5" aperture, or XL ring with rounded corners and 3.8" aperture. **FINISH:** White trim ring, Smooth matte or Polished faceted reflector. **MATERIAL:** Body &

heatsink: Diecast aluminum. Reflectors: polycarbonate. Ceiling ring: Polycarbonate. Housing: steel. **MOUNTING:** Recessed: Mounting frame with two adjustable brackets at 180°; electrical components to be installed prior to closing the ceiling. Ceiling types: Accessible and non-accessible ceilings. Ceiling cutout: 6.375". **WEIGHT:** 10 lbs. **LABEL:** cULus listed, damp location. IBEW



PRODUCT CODE	LIGHT SOURCE	VOLTAGE	TRIM	REFLECTOR/OPTICS
CCTLED TECH	37W LED/NEUTRAL WHT	120V	ROUND	FACETTED
	37W LED/WARM WHT	277V	STRAIGHT	MATTE
			TRIMLESS	
			X-LARGE	

**Specification notes:**

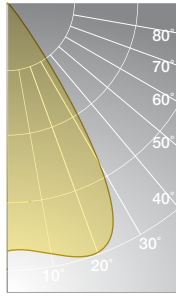
- a. Provided with one 120V or 277V 0-10V dimming electronic driver.
- b. All LED wattages are system power.

**Info notes:**

- I. Warm white: 3000°K. Neutral white: 4000°K (<4 SDCM). LED technology is rapidly changing. Specifications are based on present technology. For most up to date specifications see [www.targettiUSA.com](http://www.targettiUSA.com).
- II. Suitable for use in insulated ceilings in commercial and residential applications.
- III. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

**FACET 3000° + ROUND RING** Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36.4  
 Center Beam CP: 1933  
 Beam Angle: 64.3°  
 S/MH Ratio: 1.22



Vert. Angles	Candela 0°
5°	1969
10°	2044
15°	2129
20°	2156
30°	1682
40°	375
50°	14
60°	2
70°	1
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	54	7.5'
8'	30	10.1'
10'	19	12.6'
12'	13	15.1'
14'	10	17.6'

Beam diameter is at 50% max. Fc.

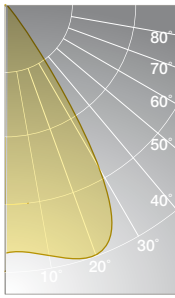
Coefficients of Utilization

RC RW	80			70			50	
	70	50	30	70	50	30	50	30
0	97	97	97	95	95	95	91	91
1	92	90	88	90	88	86	85	83
2	88	84	80	86	82	79	80	77
3	83	78	74	82	77	73	75	71
4	79	73	68	77	72	67	70	66
5	75	68	63	74	67	63	66	62
6	71	64	59	70	63	58	62	57
7	67	60	55	66	59	54	58	54
8	64	56	51	63	55	51	54	50
9	61	53	48	60	52	47	51	47
10	58	49	45	57	49	44	48	44

Effective Floor Cavity Reflectance 0.20

**FACET 4000° + ROUND RING** Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36.4  
 Center Beam CP: 1991  
 Beam Angle: 64.3°  
 S/MH Ratio: 1.22



Vert. Angles	Candela 0°
5°	2028
10°	2106
15°	2193
20°	2221
30°	1733
40°	386
50°	15
60°	2
70°	1
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	55	7.5'
8'	31	10.1'
10'	20	12.6'
12'	14	15.1'
14'	10	17.6'

Beam diameter is at 50% max. Fc.

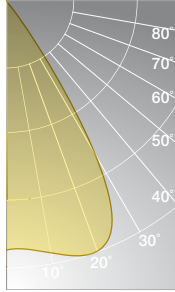
Coefficients of Utilization

RC RW	80			70			50	
	70	50	30	70	50	30	50	30
0	97	97	97	95	95	95	91	91
1	92	90	88	90	88	87	85	83
2	88	84	80	86	82	79	80	77
3	83	78	74	82	77	73	75	72
4	79	73	68	77	72	68	70	66
5	75	68	63	74	67	63	66	62
6	71	64	59	70	63	58	62	58
7	67	60	55	66	59	54	58	54
8	64	56	51	63	55	51	54	50
9	61	53	48	60	52	47	51	47
10	58	50	45	57	49	44	48	44

Effective Floor Cavity Reflectance 0.20

**MATTE 3000° + ROUND RING** Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36.4  
 Center Beam CP: 1945  
 Beam Angle: 68.6°  
 S/MH Ratio: 1.22



Vert. Angles	Candela 0°
5°	1988
10°	2072
15°	2147
20°	2159
30°	1701
40°	379
50°	13
60°	1
70°	1
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	54	8.2'
8'	30	10.9'
10'	19	13.6'
12'	14	16.4'
14'	10	19.1'

Beam diameter is at 50% max. Fc.

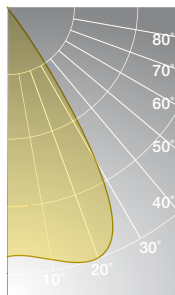
Coefficients of Utilization

RC RW	80			70			50	
	70	50	30	70	50	30	50	30
0	97	97	97	95	95	95	91	91
1	93	91	89	91	89	87	86	84
2	88	84	81	86	83	80	80	78
3	84	78	74	82	77	74	75	72
4	79	73	69	78	72	68	70	67
5	75	68	64	74	68	63	66	62
6	71	64	59	70	63	59	62	58
7	68	60	55	67	59	55	58	54
8	64	56	51	63	56	51	55	51
9	61	53	48	60	52	48	52	47
10	58	50	45	57	49	45	49	44

Effective Floor Cavity Reflectance 0.20

**MATTE 4000° + ROUND RING** Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36.4  
 Center Beam CP: 2003  
 Beam Angle: 68.6°  
 S/MH Ratio: 1.22



Vert. Angles	Candela 0°
5°	2048
10°	2134
15°	2212
20°	2224
30°	1752
40°	391
50°	14
60°	1
70°	1
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	56	8.2'
8'	31	10.9'
10'	20	13.6'
12'	14	16.4'
14'	10	19.1'

Beam diameter is at 50% max. Fc.

Coefficients of Utilization

RC RW	80			70			50	
	70	50	30	70	50	30	50	30
0	97	97	97	95	95	95	91	91
1	93	91	89	91	89	87	86	84
2	88	84	81	86	83	80	80	78
3	84	78	74	82	77	74	75	72
4	79	73	69	78	72	68	70	67
5	75	68	64	74	68	63	66	62
6	71	64	59	70	63	59	62	58
7	68	60	55	67	59	55	58	54
8	64	56	51	63	56	51	55	51
9	61	53	48	60	52	48	52	47
10	58	50	45	57	49	45	49	44

Effective Floor Cavity Reflectance 0.20

Notes: a. Contribution from additional fixtures could increase Fc levels  
 b. Illuminance values are initial Fc without consideration of surface reflectances or Light Loss Factors.



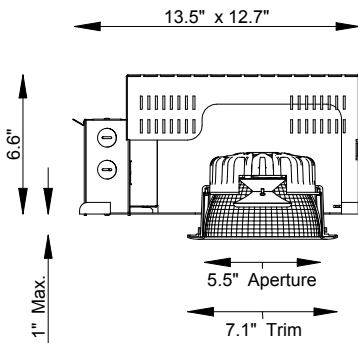
# CCTLed FEEL



**DESIGN:** Targetti **CONCEPT:** CCTLed FEEL recessed fixed low luminance LED projector. Black diecast aluminum body and heatsink. Passive thermal management for silent operation. Primary reflector with convex facets for wide flood distribution. Internal lensed cap prevents direct view of LED while spreading light into main reflector. Lower reflector with either polished facets or smooth matte surface.

Unique sliding brackets for rapid, tool-less installation of trim into housing. Trimless fixture includes perforated flange for seamless plaster application. Trimmed fixtures have rings with a rounded or straight corner edge. **FINISH:** White trim ring, Smooth matte or Polished faceted reflector. **MATERIAL:** Body & heatsink: Diecast aluminum. Reflectors: metalized polycarbonate. Ceiling ring: Polycarbonate. Housing: steel.

**MOUNTING:** Recessed: Mounting frame with two adjustable brackets spaced at 180° and electrical components installed prior to closing the ceiling. Ceiling types: Accessible and non-accessible ceilings. Ceiling cutout: 6.375". **WEIGHT:** 10 lbs. **LABEL:** cULus listed, damp location. IBEW



PRODUCT CODE	LIGHT SOURCE	VOLTAGE	TRIM	REFLECTOR/OPTICS
CCTLED FEEL	37W LED/NEUTRAL WHT	120V	ROUND	FACETTED
	37W LED/WARM WHT	277V	STRAIGHT	MATTE
			TRIMLESS	

**Specification notes:**

- a. Provided with one 120V or 277V 0-10V dimming electronic driver.
- b. All LED wattages are system power.

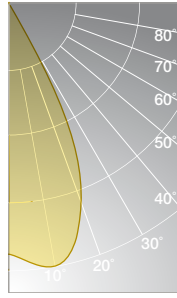
**Info notes:**

- I. Warm white: 3000°K. Neutral white: 4000°K (<4 SDCM). LED technology is rapidly changing. Specifications are based on present technology. For most up to date specifications see [www.targettiUSA.com](http://www.targettiUSA.com).
- II. Suitable for use in insulated ceilings in commercial and residential applications.
- III. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

PHOTOMETRICS CCTLED FEEL

FACET 3000° + ROUND RING Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 37  
 Center Beam CP: 1206  
 Beam Angle: 68.5°  
 S/MH Ratio: 1.14



Vert. Angles	Candela 0°
5°	1227
10°	1262
15°	1267
20°	1211
30°	895
40°	450
50°	160
60°	56
70°	17
80°	3
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	33	8.2'
8'	19	10.9'
10'	12	13.6'
12'	8	16.3'
14'	6	19.1'

Beam diameter is at 50% max. Fc.

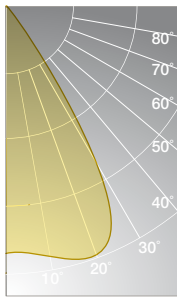
Coefficients of Utilization

RC	80			70			50	
	70	50	30	70	50	30	50	30
0	119	119	119	116	116	116	111	111
1	113	109	107	110	107	105	103	101
2	106	100	96	104	99	94	95	92
3	100	92	86	97	91	85	88	84
4	94	85	79	92	84	78	81	76
5	88	78	72	86	77	71	76	70
6	83	73	66	81	72	65	70	64
7	78	67	61	76	67	60	65	60
8	74	63	56	72	62	56	61	55
9	70	59	52	68	58	52	57	51
10	66	55	48	65	55	48	54	48

Effective Floor Cavity Reflectance 0.20

FACET 4000° + ROUND RING Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 37  
 Center Beam CP: 1287  
 Beam Angle: 72.7°  
 S/MH Ratio: 1.28



Vert. Angles	Candela 0°
5°	1306
10°	1347
15°	1448
20°	1531
30°	1281
40°	411
50°	62
60°	4
70°	1
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	36	8.8'
8'	20	11.8'
10'	13	14.7'
12'	9	17.7'
14'	7	20.6'

Beam diameter is at 50% max. Fc.

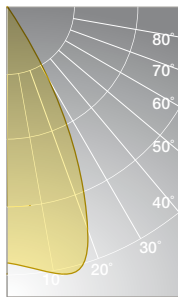
Coefficients of Utilization

RC	80			70			50	
	70	50	30	70	50	30	50	30
0	119	119	119	116	116	116	111	111
1	113	110	108	111	108	106	104	102
2	107	102	98	105	100	97	97	94
3	101	95	89	99	93	88	91	86
4	96	88	82	94	87	81	84	80
5	90	82	75	89	81	75	79	74
6	85	76	70	84	75	69	74	68
7	81	71	64	79	70	64	69	63
8	76	66	60	75	65	59	64	59
9	72	62	56	71	61	55	60	55
10	68	58	52	67	58	52	57	51

Effective Floor Cavity Reflectance 0.20

MATTE 3000° + ROUND RING Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 37  
 Center Beam CP: 1171  
 Beam Angle: 68.5°  
 S/MH Ratio: 1.14



Vert. Angles	Candela 0°
5°	1191
10°	1225
15°	1230
20°	1176
30°	869
40°	437
50°	156
60°	55
70°	17
80°	3
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	33	8.2'
8'	18	10.9'
10'	12	13.6'
12'	8	16.3'
14'	6	19.1'

Beam diameter is at 50% max. Fc.

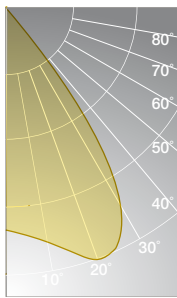
Coefficients of Utilization

RC	80			70			50	
	70	50	30	70	50	30	50	30
0	119	119	119	116	116	116	111	111
1	113	109	107	110	107	105	103	101
2	106	100	96	104	99	94	95	92
3	100	92	86	97	91	85	88	84
4	94	85	79	92	84	78	81	76
5	88	78	72	86	77	71	76	70
6	83	73	66	81	72	65	70	64
7	78	67	61	76	67	60	65	60
8	74	63	56	72	62	56	61	55
9	70	59	52	68	58	52	57	51
10	66	55	48	65	55	48	54	48

Effective Floor Cavity Reflectance 0.20

MATTE 4000° + ROUND RING Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 37  
 Center Beam CP: 1250  
 Beam Angle: 72.7°  
 S/MH Ratio: 1.28



Vert. Angles	Candela 0°
5°	1268
10°	1308
15°	1406
20°	1487
30°	1244
40°	399
50°	60
60°	4
70°	1
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	35	8.8'
8'	20	11.8'
10'	12	14.7'
12'	9	17.7'
14'	6	20.6'

Beam diameter is at 50% max. Fc.

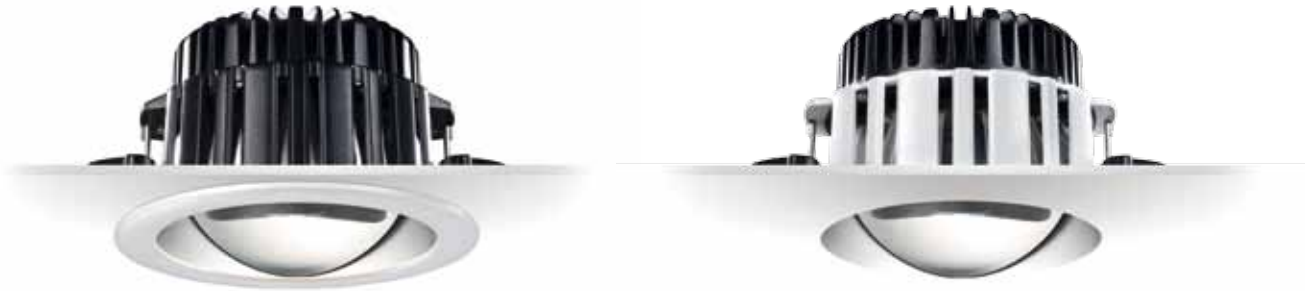
Coefficients of Utilization

RC	80			70			50	
	70	50	30	70	50	30	50	30
0	119	119	119	116	116	116	111	111
1	113	110	108	111	108	106	104	102
2	107	102	98	105	100	97	97	94
3	101	95	89	99	93	88	91	86
4	96	88	82	94	87	81	84	80
5	90	82	75	89	81	75	79	74
6	85	76	70	84	75	69	74	68
7	81	71	64	79	70	64	69	63
8	76	66	60	75	65	59	64	59
9	72	62	56	71	61	55	60	55
10	68	58	52	67	58	52	57	51

Effective Floor Cavity Reflectance 0.20

Notes: a. Contribution from additional fixtures could increase Fc levels  
 b. Illuminance values are initial Fc without consideration of surface reflectances or Light Loss Factors.

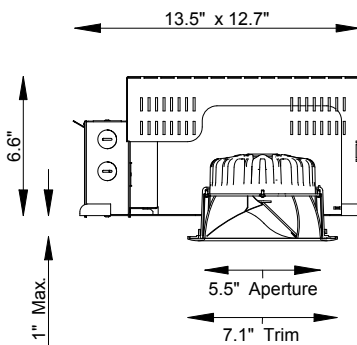
# CCTLed WALL WASH



**DESIGN:** Targetti **CONCEPT:** CCTLed WW is a recessed wall wash low luminance LED projector. Compact black diecast aluminum body and heatsink. Passive thermal management for silent operation. Wall wash optic consists of smooth matte outer reflector with scoop matte wall wash reflector & textured clear lens providing even distribution. Optic is rotatable for field adjustment. Unique sliding

brackets allow for rapid, tool-less installation of trim into housing. Trimless fixture includes perforated flange for seamless plaster application. Ceiling trim ring options come with either a rounded or straight corner edge. **FINISH:** White trim ring, Smooth matte reflectors, textured clear polycarbonate lens. **MATERIAL:** Body & heatsink: Die cast aluminum. Reflectors: metalized polycarbonate. Ceiling ring:

Polycarbonate. Housing: steel. **MOUNTING:** Recessed: Mounting frame with two vertically adjustable brackets spaced at 180° and electrical components to be installed prior to closing the ceiling. Ceiling types: Accessible and non-accessible ceilings. Ceiling cutout: 6.375". **WEIGHT:** 10 lbs. **LABEL:** cULus listed, damp location. IBEW



PRODUCT CODE	LIGHT SOURCE	VOLTAGE	TRIM	REFLECTOR/OPTICS
CCTLED WW	37W LED/NEUTRAL WHT 37W LED/WARM WHT	120V 277V	ROUND STRAIGHT TRIMLESS	WALL WASH

**Specification notes:**

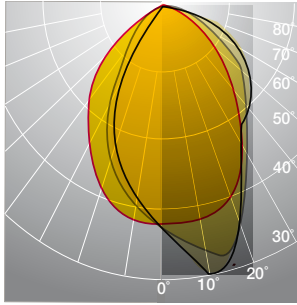
- a. Provided with one 120V or 277V 0-10V dimming electronic driver.
- b. All LED wattages are system power.

**Info notes:**

- I. Warm white: 3000°K. Neutral white: 4000°K (<4 SDCM). LED technology is rapidly changing. Specifications are based on present technology. For most up to date specifications see [www.targettiUSA.com](http://www.targettiUSA.com).
- II. Suitable for use in insulated ceilings in commercial and residential applications.
- III. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

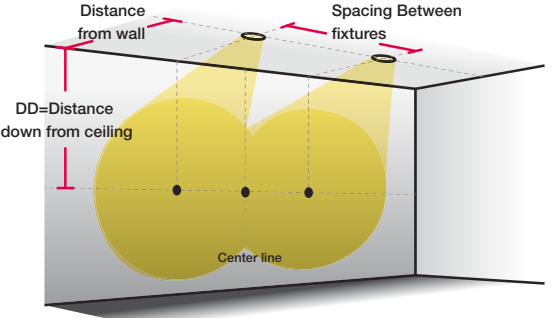
WALL WASH 4000°K Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36  
 Center Beam CP: 1206



Vert. Angles	0°	45°	90°
5°	1198	1274	1333
10°	1213	1345	1503
15°	1188	1357	1422
20°	1073	1212	1160
30°	857	831	828
40°	506	647	710
50°	251	512	594
60°	89	324	401
70°	34	158	232
80°	10	56	99
90°	0	0	0

Application Data



Single Fixture 2' 6" From Wall

DD	Distance From Fixture Along Wall						
	0'	1'	2'	3'	4'	5'	6'
1	8.9	10	7.6	5.5	4.2	3.2	2.8
2	15.6	13.0	8.7	6.2	4.7	3.8	3.1
3	23.2	15.3	8.4	5.9	4.5	3.7	3.1
4	24.9	17.4	9.0	5.6	4.2	3.6	3.0
5	21.2	17.0	9.6	5.6	3.9	3.3	2.8
6	15.4	13.8	9.6	5.9	3.9	3.1	2.6
7	11.5	11.0	8.6	5.8	3.9	3.0	2.4
8	8.7	8.5	7.2	5.5	3.9	3.0	2.3
9	7.1	7.0	6.1	4.9	3.8	2.9	2.2
10	5.9	5.8	5.2	4.4	3.5	2.6	1.9

Single Fixture 3' From Wall

DD	Distance From Fixture Along Wall						
	0'	1'	2'	3'	4'	5'	6'
1	5.0	6.0	5.5	4.4	3.7	3.0	2.5
2	9.1	8.5	6.7	5.2	4.2	3.5	2.9
3	14.6	10.8	6.8	5.2	4.1	3.5	2.9
4	17.9	13.2	7.5	5.1	3.9	3.4	2.8
5	17.4	13.7	8.0	5.1	3.8	3.2	2.7
6	14.5	12.7	8.6	5.5	3.7	3.0	2.5
7	11.4	10.6	8.1	5.6	3.8	2.9	2.4
8	8.8	8.7	7.4	5.5	3.9	2.9	2.2
9	7.3	7.2	6.3	5.1	3.8	2.8	2.1
10	6.0	6.1	5.4	4.5	3.5	2.6	1.9

2'6" Distance From Wall

DD	Spacing Between Fixtures					
	3'	4'	5'	6'	7'	8'
1	8.8	7.7	6.2	7.8	6.3	4.8
2	22.3	19.1	15.8	18.9	15.1	12.5
3	35.5	29.9	26.1	29.7	23.5	22.3
4	37.4	31.4	27.8	32.7	24.4	25.2
5	32.8	29.0	25.3	30.0	22.8	23.2
6	26.0	25.2	21.3	24.6	21.0	18.8
7	20.9	21.1	18.0	20.0	18.6	15.5
8	17.3	17.5	15.5	16.5	16.1	13.4
9	14.9	15.0	13.4	14.0	13.9	11.7
10	12.1	12.8	11.4	11.5	11.5	9.7

3' Distance From Wall

DD	Spacing Between Fixtures					
	3'	4'	5'	6'	7'	8'
1	7.7	6.8	5.5	7.1	6.1	5.4
2	16.6	14.7	11.3	14.7	12.8	10.5
3	26.3	23.3	18.3	22.6	19.8	16.6
4	30.7	26.6	21.8	27.0	22.2	20.0
5	29.8	25.9	22.1	27.3	21.5	20.5
6	25.9	23.9	20.4	24.3	20.2	18.4
7	21.6	20.9	18.0	20.4	18.6	15.7
8	18.1	18.1	15.8	17.1	16.7	13.7
9	15.5	15.6	13.9	14.7	14.6	12.2
10	12.6	13.3	11.9	12.1	12.1	10.3

3'5" Distance From Wall

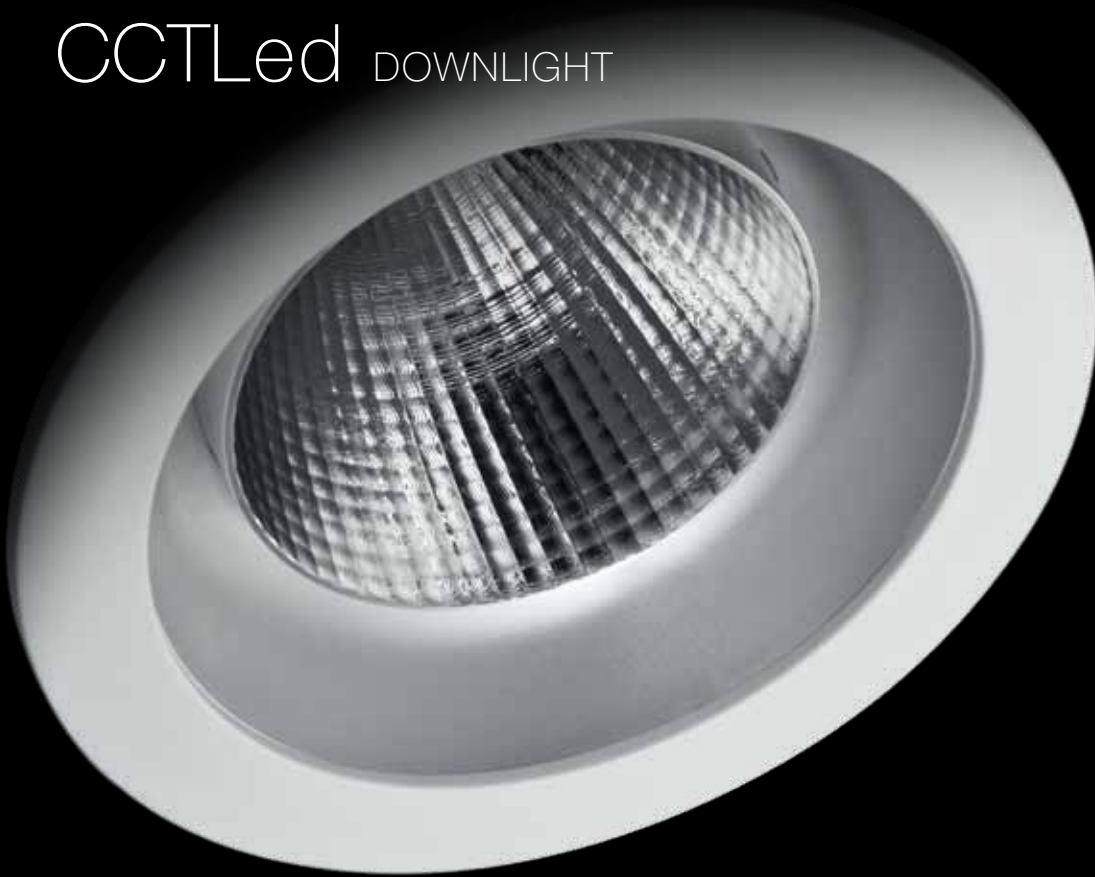
DD	Spacing Between Fixtures					
	4'	5'	6'	7'	8'	9'
1	7.2	7.0	5.7	6.7	6.1	5.2
2	11.2	10.8	7.9	9.8	9.1	7.5
3	17.1	15.7	11.7	14.6	12.5	11.4
4	21.9	18.5	14.9	18.6	14.7	14.7
5	23.3	19.0	16.1	20.1	15.0	15.9
6	22.3	18.3	15.9	19.8	14.4	15.5
7	19.6	17.3	14.6	17.8	13.7	13.8
8	16.8	16.0	13.0	15.4	13.0	11.9
9	14.3	14.2	11.6	13.1	11.9	10.3
10	11.5	11.8	9.6	10.5	10.0	8.4

4' Distance From Wall

DD	Spacing Between Fixtures					
	4'	5'	6'	7'	8'	9'
1	7.1	6.9	5.6	6.4	6.0	5.1
2	10.3	9.7	7.2	9.0	8.3	7.0
3	14.7	13.4	9.6	12.7	10.9	9.8
4	19.0	16.2	12.3	16.2	13.0	12.6
5	20.9	17.4	13.9	17.9	13.9	13.9
6	20.6	17.0	14.2	18.0	13.7	14.0
7	19.0	16.3	13.8	17.0	13.2	13.2
8	16.7	15.5	12.8	15.1	12.7	11.8
9	14.3	14.0	11.5	13.0	11.8	10.3
10	11.6	11.7	9.7	10.5	10.0	8.5

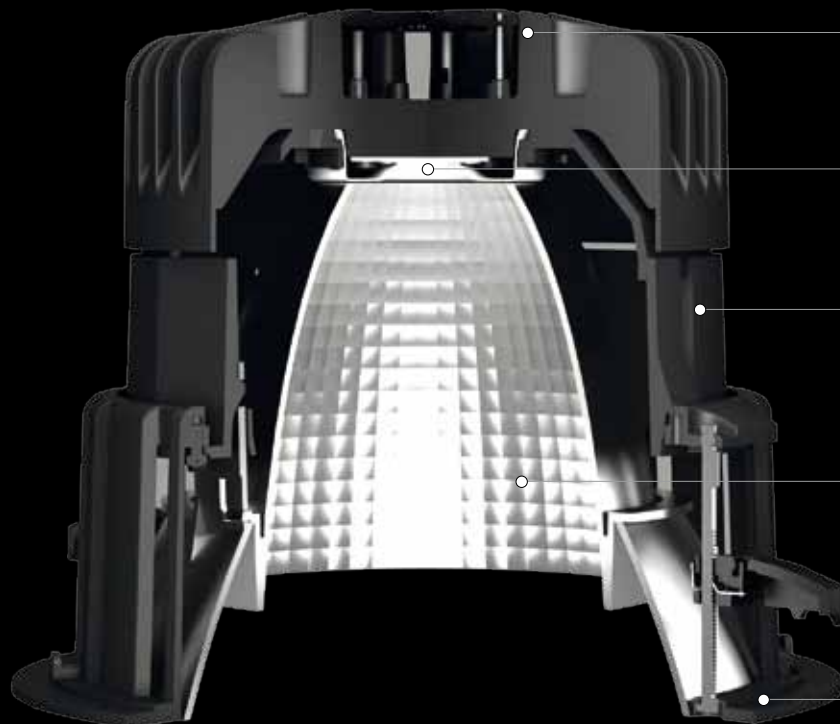
Notes: a. Contribution from additional fixtures could increase Fc. levels.  
 b. Illuminance values are initial Fc without consideration of surface reflectances or Light Loss Factors.

# CCTLed DOWNLIGHT



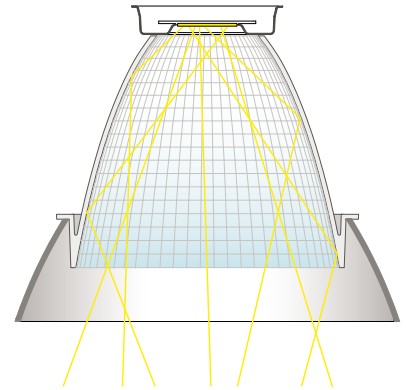
## DEEP VERSION FOR GREAT HEIGHTS

The DEEP version is the best performing amongst the CCTLed downlights, particularly developed for lighting environments with great heights or double volumes. Exceptional performance with highly controlled beams and extremely low energy consumption.



## DEEP

The primary faceted optic's distinctive geometry, specifically designed by Targetti for LED sources, magnifies the LED 3000lm's performance. Available both in the SPOT and FLOOD versions for lighting spaces with heights of over 18 feet with significant illumination values and exceptional uniformity.



### PASSIVE DISSIPATION

excellent heat management guaranteeing long term performance.

### LED

latest generation 3000lm with 37W power output.

### BODY

the CCTLed platform ensures extremely versatile applications: downlight, ceiling and suspensions

### OPTIC

faceted specular optic system, specifically designed for focusing and directing the beam from great heights.

### RINGS

interchangeable rings from the CCTLed range in white.



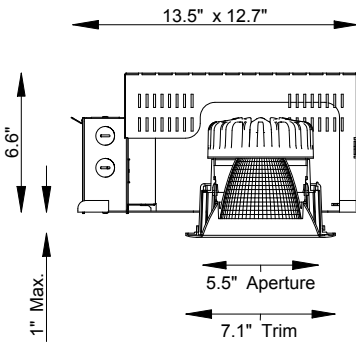
# CCTLed DEEP



**DESIGN:** Targetti **CONCEPT:** CCTLed DEEP recessed fixed low luminance LED projector. Black diecast aluminum body and heatsink. Passive thermal management for silent operation. The taller optic is designed to maximize center beam focus and is ideal for elevated ceilings. Primary reflector with convex facets in "Scratch Proof Formula" mirror finish in Spot or Flood distribution. Lower reflector in matte

finish. Unique sliding brackets for tool-less installation of trim into housing. Trimless fixture includes perforated flange for seamless plaster application. Trimmed fixtures have rings with a rounded or straight corner edge with aperture of 5.5", or XL ring with rounded corners and 3.8" aperture for reduced glare. **FINISH:** White trim ring, Smooth matte or Polished faceted reflector. **MATERIAL:** Body & heatsink: Diecast

aluminum. Reflectors: metalized polycarbonate. Ceilingring: Polycarbonate. Housing: steel. **MOUNTING:** Recessed: Mounting frame with two adjustable brackets spaced at 180° and electrical components installed prior to closing the ceiling. Ceiling types: Accessible and non-accessible ceilings. Ceiling cutout: 6.375". **WEIGHT:** 10 lbs. **LABEL:** cULus listed, damp location. IBEW



PRODUCT CODE	LIGHT SOURCE	VOLTAGE	FINISH	TRIM	REFLECTOR
CCTLED DEEP	37W LED/NEUTRAL WHT	120V	MATTE	ROUND	SPOT
	37W LED/WARM WHT	277V	SPECULAR	STRAIGHT TRIMLESS X-LARGE	FLOOD

**Specification notes:**

- a. Provided with one 120V or 277V 0-10V dimming electronic driver.
- b. All LED wattages are system power.

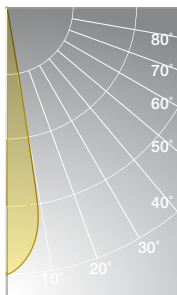
**Info notes:**

I. Warm white: 3000°K. Neutral white: 4000°K (<4 SDCM). LED technology is rapidly changing. Specifications are based on present technology. For most up to date specifications see [www.targettiUSA.com](http://www.targettiUSA.com).  
 II. Suitable for use in insulated ceilings in commercial and residential applications.  
 III. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

Spot 3000° + ROUND RING

Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36  
 Center Beam CP: 11587  
 Beam Angle: 24.6°  
 S/MH Ratio: 0.42



Vert. Angles	Candela
5°	10911
10°	7887
15°	3220
20°	1446
30°	295
40°	2
50°	1
60°	0
70°	0
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	322	2.6'
8'	181	3.5'
10'	116	4.4'
12'	80	5.2'
14'	59	6.1'

Beam diameter is at 50% max. Fc.

Coefficients of Utilization

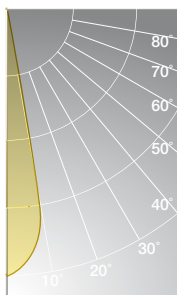
RC	80			70			50	
	70	50	30	70	50	30	50	30
0	95	95	95	93	93	93	89	89
1	92	91	89	90	89	88	86	85
2	89	87	84	88	85	83	83	81
3	87	83	81	85	82	80	80	78
4	84	80	77	83	79	77	78	76
5	82	78	74	81	77	74	76	73
6	80	75	72	79	75	72	74	71
7	78	73	70	77	72	70	72	69
8	76	71	68	75	71	68	70	67
9	74	69	66	73	69	66	68	65
10	72	67	64	72	67	64	66	64

Effective Floor Cavity Reflectance 0.20

Spot 4000° + ROUND RING

Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36  
 Center Beam CP: 11946  
 Beam Angle: 24.6°  
 S/MH Ratio: 0.42



Vert. Angles	Candela
5°	11248
10°	8131
15°	3320
20°	1491
30°	304
40°	2
50°	1
60°	0
70°	0
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	332	2.6'
8'	187	3.5'
10'	119	4.4'
12'	83	5.2'
14'	61	6.1'

Beam diameter is at 50% max. Fc.

Coefficients of Utilization

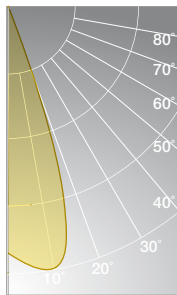
RC	80			70			50	
	70	50	30	70	50	30	50	30
0	95	95	95	92	92	92	88	88
1	92	90	88	90	88	87	85	84
2	89	86	84	87	85	83	82	81
3	86	83	80	85	82	79	80	78
4	84	80	77	83	79	76	77	75
5	81	77	74	80	76	74	75	73
6	79	75	72	78	74	71	73	71
7	77	72	69	76	72	69	71	69
8	75	70	67	75	70	67	69	67
9	74	69	66	73	68	65	68	65
10	72	67	64	71	67	64	66	64

Effective Floor Cavity Reflectance 0.20

Flood 3000° + ROUND RING

Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36  
 Center Beam CP: 5559  
 Beam Angle: 38.2°  
 S/MH Ratio: 0.66



Vert. Angles	Candela
5°	5688
10°	5665
15°	4528
20°	2386
30°	306
40°	4
50°	2
60°	1
70°	0
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	154	4.2'
8'	87	5.5'
10'	56	6.9'
12'	39	8.3'
14'	28	9.7'

Beam diameter is at 50% max. Fc.

Coefficients of Utilization

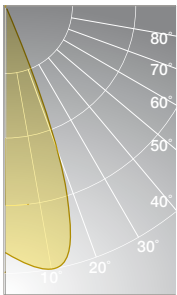
RC	80			70			50	
	70	50	30	70	50	30	50	30
0	93	93	93	91	91	91	86	86
1	89	88	86	88	86	85	83	82
2	86	83	81	85	82	80	80	78
3	83	80	77	82	79	76	77	74
4	81	76	73	79	75	72	74	71
5	78	73	70	77	72	69	71	68
6	75	70	67	74	70	66	69	66
7	73	68	64	72	67	64	66	63
8	71	65	62	70	65	62	64	61
9	69	63	60	68	63	59	62	59
10	67	61	58	66	61	57	60	57

Effective Floor Cavity Reflectance 0.20

Flood 4000° + ROUND RING

Candlepower Distribution Data

Lamp Type: LED  
 Wattage: 36  
 Center Beam CP: 5731  
 Beam Angle: 38.2°  
 S/MH Ratio: 0.66



Vert. Angles	Candela
5°	5864
10°	5840
15°	4668
20°	2460
30°	316
40°	4
50°	2
60°	1
70°	0
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	159	4.2'
8'	90	5.5'
10'	57	6.9'
12'	40	8.3'
14'	29	9.7'

Beam diameter is at 50% max. Fc.

Coefficients of Utilization

RC	80			70			50	
	70	50	30	70	50	30	50	30
0	93	93	93	91	91	91	86	86
1	89	88	86	88	86	85	83	82
2	86	83	81	85	82	80	80	78
3	83	80	77	82	79	76	77	74
4	81	76	73	79	75	72	74	71
5	78	73	70	77	72	69	71	68
6	75	70	67	74	70	66	69	66
7	73	68	64	72	67	64	66	63
8	71	65	62	70	65	62	64	61
9	69	63	60	68	63	59	62	59
10	67	61	58	66	61	57	60	57

Effective Floor Cavity Reflectance 0.20

Notes: a. Contribution from additional fixtures could increase Fc levels  
 b. Illuminance values are initial Fc without consideration of surface reflectances or Light Loss Factors.



# CCTLed

FIXED AND ADJUSTABLE LED RECESSED PROJECTOR



## THE LED SOLUTION FOR ARCHITECTURAL ILLUMINATION

CCTLed Fixed and Adjustable are the latest additions to the CCTLed family. With the innovative downlight features, common denominators of all CCTLed products, which include the construction system, the size (same mounting diameter), the original heat sink and platform, this the new low luminance version is particularly suitable for professional architectural illumination, providing high performance, precision and versatility. A complex optic system, four different beam widths, interchangeable reflectors and rings answering individual "architectural" project requirements and light engineering.

## LONG TERM RELIABILITY

As with all CCTLed versions, the long term maintained performances of the LED source is guaranteed by the dissipation system. A distinctive feature both for its design and for the performance it guarantees. The LED source operates at a junction temperature far below that specified by the manufacturer, therefore guaranteeing 50,000 hour lifetime even under very hard working conditions, while providing consistent performance over time.





## MULTIPLE SOLUTIONS - ONE COLOR

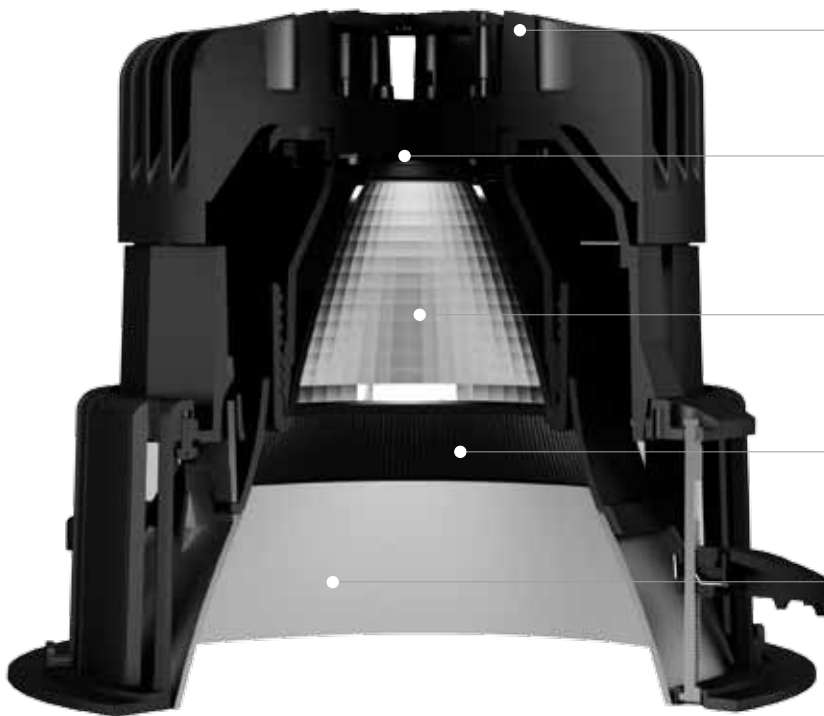
Having a uniform color tone of light throughout a project is an essential requirement. However, with LED sources this is not always possible due to the multiple options available, even when using the same color temperature. Targetti guarantees uniform chromatic behavior within a 3 MacAdam ellipse tolerance between all the new LED fixtures, because we use the same source types, selected from the top quality producers available on the market. The entire CCTLed collection performs within a perfectly uniform chromaticity, including Smart, Tech, Feel, Deep, Wall Wash, Fixed and Adjustable versions. Multiple solutions, one color.



## PROJECT ORIENTED SOLUTIONS

CCTLed Fixed and Adjustable are designed with the architectural project in mind, which is why one of its top features is the option of defining the aesthetic characteristics through the choice of 4 different secondary reflectors, without modifying the light emission in any way. The standard product is supplied with a lower cone reflector in a matte finish, which can be easily replaced with the specular aluminum version, the matte white finished version or the black matte solution for an "all black" finish. The different versions may be combined with the black or white, square or rounded rings in the trimmed version, or with the color of the plaster ceilings for the TRIMLESS version. Integrating light into architecture has never been so simple.

# CCTLed FIXED & ADJUSTABLE



## PASSIVE DISSIPATION

Excellent heat management guaranteeing long-term performance

## 2000 and 3000lm LED

Latest generation LED with two different power outputs, available in the warm white 3000K tone and the neutral white 4000K tone.

## OPTICS

Research and technical innovation

## COLLAR

Grooved collar / controlled glare

## INTERCHANGEABLE REFLECTORS

Guaranteed visual comfort and multiple aesthetical options

## NEW OPTIC SOLUTIONS

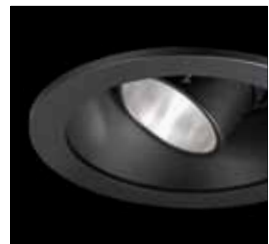
A particular feature of the CCTLed ARCHITECTURAL can be found in the optic system, which is made up of three separate elements. An optic camera, the pulsing heart of the system, which optimizes the LED source and determines the beam amongst the four available high precision reflectors (spot, flood, medium wide flood and wide flood). A small black grooved collar which provide a total glare control, whereas a secondary matt metallized polycarbonate reflector guarantees low luminance.

## ZOOM AND CUT OFF FOR HIGHLY PROFESSIONAL RESULTS

CCTLed ARCHITECTURAL can be equipped with two unique optic accessories. The CUT OFF considerably reduces the fall-off component, focusing the emission. The ZOOM is designed with a sophisticated system of lenses capable of defining a very precise and well distributed beam around the object, with a manually adjustable diameter.



ZOOM



CUT OFF



## EXTRACTABLE OPTIC CAMERA

The ARCHITECTURAL version of the CCTLed comes with an extractable and interchangeable optic camera. A special plastic "cup" contains the optics with their 4 different beam widths. The optics are developed and produced by Targetti specifically for LED sources. The optic is locked to the cup by means of a front element. Here the different accessories can be added or combined up to four at the same time, simply inserting them directly between the two main elements resulting in a completely clean and safe finish.



## ADJUSTABILITY WITH MICROMETRIC REGULATION

Professional and precise adjustability for the CCTLed Adjustable. The fixture can be rotated manually up to 355° on the horizontal plane, whereas on the vertical plane it can be micrometrically aimed up to 30° - on a graduated scale - by the tightening of a screw; the mechanism ensures a perfect set of the position. Once the fixture is set in the desired position, the same tool can be used to tighten a second screw thereby.

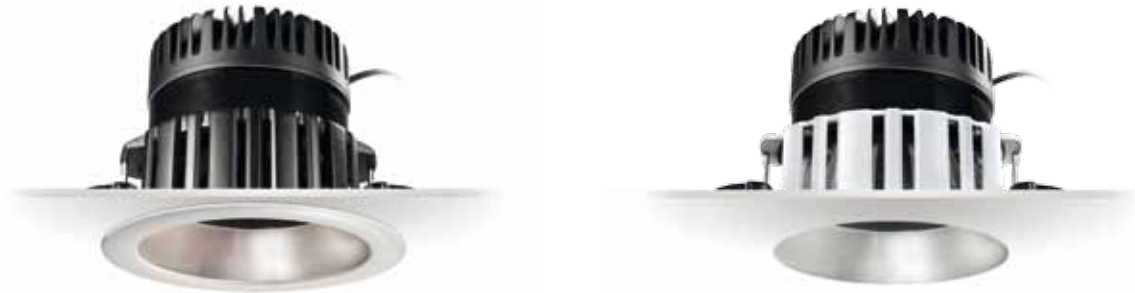


## QUICK AND USER FRIENDLY INSTALLATION

The installation is identical for all versions: simple and quick by means of the patented new springs. The sliding of the brackets along a rack rod with an automatic progressive lock, provides a secure and immediate positioning of the fixture.



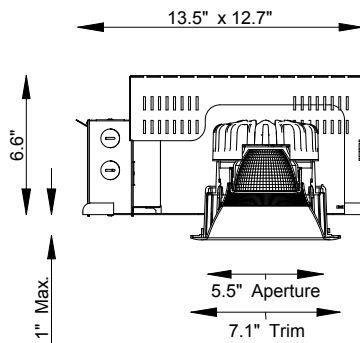
# CCTLed FIXED



**DESIGN:** Targetti **CONCEPT:** CCTLed FIX recessed fixed low luminance LED projector. Passive thermal management for silent operation. Primary reflectors are interchangeable with facets in "Scratch Proof Formula" mirror finish in Spot, Flood, Medium wide flood, or Wide flood distribution. Lower reflector in matte or specular finish with upper section in matte black to reduce glare. Unique sliding

brackets for rapid, tool-less installation of trim into housing. Optics holder with tool-less assembly for changing reflector. Trimless fixture with perforated flange for seamless plaster application. Trimmed fixtures have rings with a rounded or straight corner edge. **FINISH:** White trim ring, Smooth matte or specular reflector. **MATERIAL:** Body & heatsink: Diecast aluminum. Reflectors: metalized

polycarbonate. Ceiling ring: Polybonate. Housing: steel. **MOUNTING:** Recessed: Mounting frame with two adjustable brackets spaced at 180° and electrical components installed prior to closing the ceiling. Ceiling types: Accessible and non-accessible ceilings. Ceiling cutout: 6.375". **WEIGHT:** 10 lbs. **LABEL:** cULus listed, damp location. IBEW



PRODUCT CODE	LIGHT SOURCE	VOLTAGE	FINISH	TRIM	REFLECTOR
CCTLED FIX	37W LED/NEUTRAL WHT	120V	MATTE	ROUND	SPOT
	37W LED/WARM WHT	277V	SPECULAR	STRAIGHT	FLOOD
				TRIMLESS	MEDIUM WIDE FLOOD WIDE FLOOD

**Specification notes:**

- a. Provided with one 120V or 277V 0-10V dimming electronic driver.
- b. Max. three filters and/or louver per luminaire.
- c. All LED wattages are system power.

**Info notes:**

I. Warm white: 3000°K. Neutral white: 4000°K (<4 SDCM). LED technology is rapidly changing. Specifications are based on present technology. For most up to date specifications see [www.targettiUSA.com](http://www.targettiUSA.com).  
 II. Suitable for use in insulated ceilings in commercial and residential applications.  
 III. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

**ACCESSORIES**

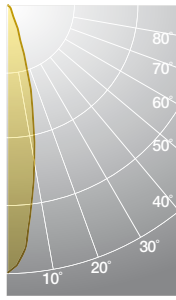


PHOTOMETRICS CCTLED FIX

Spot (SP)

Candlepower Distribution Data

LampType: LED  
 Wattage: 36  
 Center Beam CP: 9050  
 Beam Angle: 24.7°  
 S/MH Ratio: 0.44



Vert. Angles	Candela
0°	9050
5°	8949
10°	6269
15°	3395
20°	2131
30°	863
40°	10
50°	4
60°	2
70°	1
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0	Beam Dia.
6'	251	2.6'
8'	141	3.5'
10'	90	4.4'
12'	63	5.3'
14'	46	6.1'

Beam diameter is at 50% max. Fc.

Coefficients of Utilization

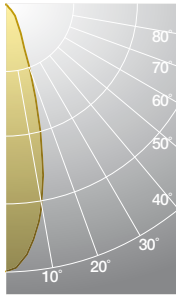
RC	80			70			50	
	70	50	30	70	50	30	50	30
0	101	101	101	98	98	98	94	94
1	97	95	93	95	93	92	90	89
2	93	90	88	92	89	86	86	84
3	90	86	83	89	85	82	83	80
4	87	82	79	86	81	78	80	77
5	84	79	75	83	78	75	77	74
6	81	76	72	80	75	71	74	71
7	79	73	69	78	72	69	71	68
8	76	70	66	75	70	66	69	66
9	74	68	64	73	67	64	67	63
10	72	65	62	71	65	62	65	61

Effective Floor Cavity Reflectance 0.20

Flood (FL)

Candlepower Distribution Data

LampType: LED  
 Wattage: 36  
 Center Beam CP: 6029  
 Beam Angle: 37.3°  
 S/MH Ratio: 0.64



Vert. Angles	Candela
0°	6029
5°	5912
10°	5409
15°	4174
20°	2569
30°	884
40°	14
50°	5
60°	2
70°	1
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0	Beam Dia.
6'	167	4.1'
8'	94	5.4'
10'	60	6.8'
12'	42	8.1'
14'	31	9.5'

Beam diameter is at 50% max. Fc.

Coefficients of Utilization

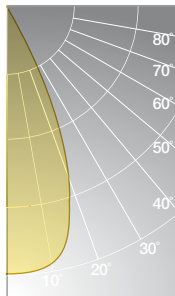
RC	80			70			50	
	70	50	30	70	50	30	50	30
0	100	100	100	98	98	98	93	93
1	96	94	93	94	93	91	89	88
2	93	89	87	91	88	85	85	83
3	89	85	81	88	84	81	82	79
4	86	81	77	85	80	76	78	75
5	83	77	73	82	76	73	75	72
6	80	74	70	79	73	69	72	69
7	77	71	67	76	70	66	69	66
8	74	68	64	73	67	64	67	63
9	72	65	61	71	65	61	64	61
10	69	63	59	69	63	59	62	58

Effective Floor Cavity Reflectance 0.20

Medium Wide Flood (MWFL)

Candlepower Distribution Data

LampType: LED  
 Wattage: 36  
 Center Beam CP: 4736  
 Beam Angle: 45.8°  
 S/MH Ratio: 0.74



Vert. Angles	Candela
0°	4736
5°	4768
10°	4509
15°	3757
20°	2860
30°	1159
40°	19
50°	3
60°	2
70°	1
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0	Beam Dia.
6'	132	5.1'
8'	74	6.8'
10'	47	8.4'
12'	33	10.1'
14'	24	11.8'

Beam diameter is at 50% max. Fc.

Coefficients of Utilization

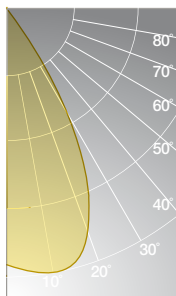
RC	80			70			50	
	70	50	30	70	50	30	50	30
0	103	103	103	100	100	100	96	96
1	99	97	95	97	95	93	91	90
2	95	91	88	93	90	87	87	85
3	91	86	82	89	85	82	83	80
4	87	82	78	86	81	77	79	76
5	84	78	73	82	77	73	75	72
6	80	74	70	79	73	69	72	68
7	77	70	66	76	70	66	69	65
8	74	67	63	73	67	63	66	62
9	71	64	60	71	64	60	63	59
10	69	62	57	68	61	57	61	57

Effective Floor Cavity Reflectance 0.20

Wide Flood (WFL)

Candlepower Distribution Data

LampType: LED  
 Wattage: 36  
 Center Beam CP: 3325  
 Beam Angle: 57.3°  
 S/MH Ratio: 0.98



Vert. Angles	Candela
0°	3325
5°	3445
10°	3504
15°	3226
20°	2844
30°	1544
40°	72
50°	4
60°	2
70°	1
80°	0
90°	0

Lighting Performance Data

Ceiling Height	Initial Fc at 0	Beam Dia.
6'	92	6.6'
8'	52	8.7'
10'	33	10.9'
12'	23	13.1'
14'	17	15.3'

Beam diameter is at 50% max. Fc.

Coefficients of Utilization

RC	80			70			50	
	70	50	30	70	50	30	50	30
0	104	104	104	101	101	101	97	97
1	99	97	95	97	95	94	92	90
2	95	91	88	93	90	87	87	85
3	91	86	82	89	85	81	82	79
4	87	81	77	85	80	76	78	75
5	83	76	72	82	76	71	74	70
6	79	72	68	78	72	67	70	66
7	76	69	64	75	68	63	67	63
8	73	65	60	72	65	60	64	60
9	69	62	57	69	61	57	61	57
10	67	59	54	66	58	54	58	54

Effective Floor Cavity Reflectance 0.20

Notes: a. Contributions from additional fixtures could increase Fc levels.  
 b. Illuminance values initial Fc without consideration of surface reflectances or Light Loss Factors.  
 c. Information shown for neutral white variants.

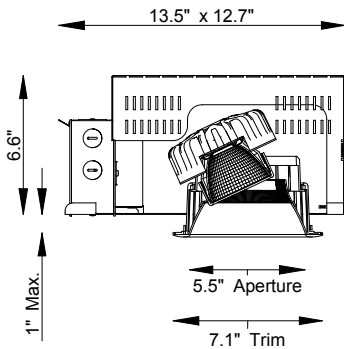
# CCTLed ADJUSTABLE



**DESIGN:** Targetti **CONCEPT:** CCTLed ADJ recessed adjustable low luminance LED projector. Passive thermal management for silent operation. Aim while illuminated with 355° horizontal rotation (lockable) and 30° tilt. Embossed angle increments showing tilt angle. Primary reflector are interchangeable and have convex facets in “Scratch Proof Formula” mirror finish in Spot, Flood, Medium

wide flood, or Wide flood distribution. Lower reflector in matte or specular finish with upper section in black to reduce glare. Optics holder with tool-less assembly for changing reflector. Trimless fixture with perforated flange for seamless plaster application. Trimmed fixtures have rings with a rounded or straight corner edge. **FINISH:** White trim ring, Smooth matte or specular reflector. **MATERIAL:** Body &

heatsink: Diecast aluminum. Reflectors: metalized polycarbonate. Ceiling ring: Polycarbonate. **Housing:** steel. **MOUNTING:** Recessed: Mounting frame with two adjustable brackets spaced at 180°; electrical components installed prior to closing the ceiling. Ceiling types: Accessible and non-accessible ceilings. Ceiling cutout: 6.375". **WEIGHT:** 10 lbs. **LABEL:** cULus listed, damp location. IBEW



PRODUCT CODE	LIGHT SOURCE	VOLTAGE	FINISH	TRIM	REFLECTOR
CCTLED ADJ	37W LED/NEUTRAL WHT	120V	MATTE	ROUND	SPOT
	37W LED/WARM WHT	277V	SPECULAR	STRAIGHT	FLOOD
				TRIMLESS	MEDIUM WIDE FLOOD
					WIDE FLOOD

**Specification notes:**

- a. Provided with one 120V or 277V 0-10V dimming electronic driver.
- b. Max. three filters and/or louver per luminaire.
- c. All LED wattages are system power.

**Info notes:**

- I. Warm white: 3000°K. Neutral white: 4000°K (<4 SDCM). LED technology is rapidly changing. Specifications are based on present technology. For most up to date specifications see [www.targettiUSA.com](http://www.targettiUSA.com).
- II. Suitable for use in insulated ceilings in commercial and residential applications.
- III. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

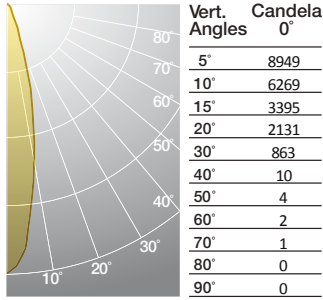
**ACCESSORIES**



Spot (SP)

Candlepower Distribution Data

LampType: LED  
 Wattage: 36  
 Center Beam CP: 9050  
 Beam Angle: 24.7°

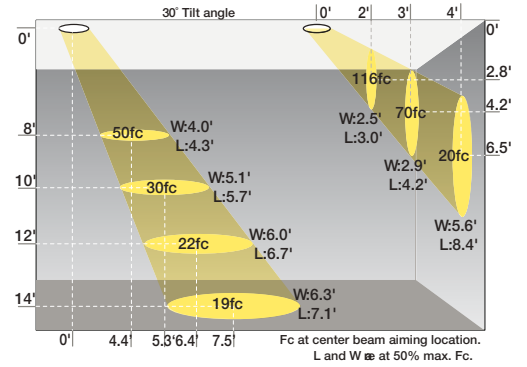


Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	251	2.6'
8'	141	3.5'
10'	90	4.4'
12'	63	5.3'
14'	46	6.1'

Beam diameter is at 50% max. Fc.

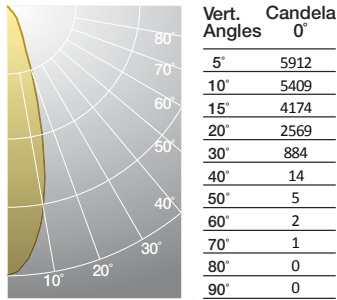
Application Data



Flood (FL)

Candlepower Distribution Data

LampType: LED  
 Wattage: 36  
 Center Beam CP: 6029  
 Beam Angle: 37.3°

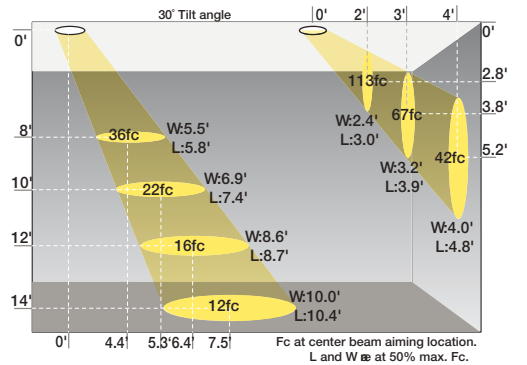


Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	167	4.1'
8'	94	5.4'
10'	60	6.8'
12'	42	8.1'
14'	31	9.5'

Beam diameter is at 50% max. Fc.

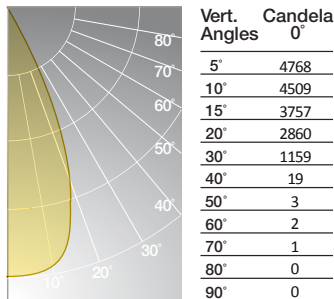
Application Data



Medium Wide Flood (MWFL)

Candlepower Distribution Data

LampType: LED  
 Wattage: 36  
 Center Beam CP: 4736  
 Beam Angle: 45.8°

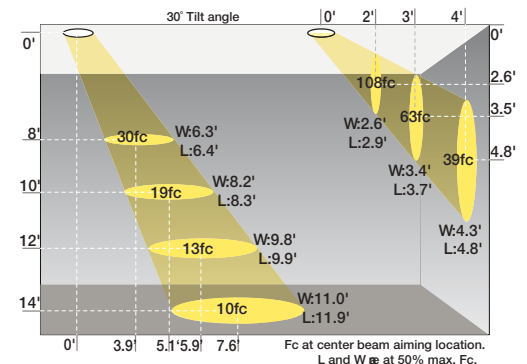


Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	132	5.1'
8'	74	6.8'
10'	47	8.4'
12'	33	10.1'
14'	24	11.8'

Beam diameter is at 50% max. Fc.

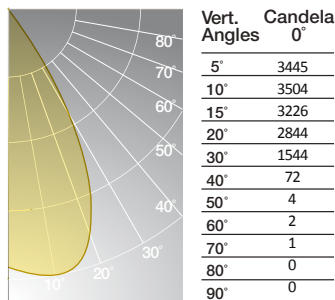
Application Data



Wide Flood (WFL)

Candlepower Distribution Data

LampType: LED  
 Wattage: 36  
 Center Beam CP: 3325  
 Beam Angle: 57.3°

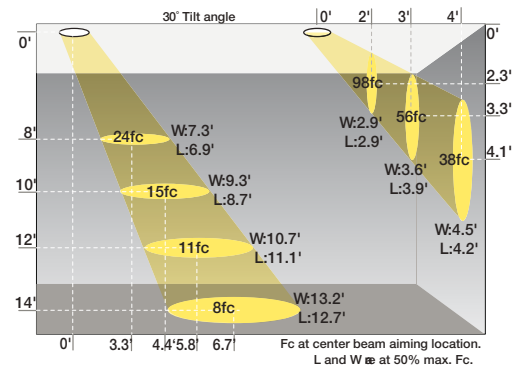


Lighting Performance Data

Ceiling Height	Initial Fc at 0°	Beam Dia.
6'	92	6.6'
8'	52	8.7'
10'	33	10.9'
12'	23	13.1'
14'	17	15.3'

Beam diameter is at 50% max. Fc.

Application Data



Notes: a. Contribution from additional fixtures could increase Fc levels.  
 b. Illuminance values are initial Fc without consideration of surface reflectances or Light Loss Factors.  
 c. Information shown for neutral white variants.



# CCTLed PRODUCT MATRIX

	SMART	TECH	FEEL	DEEP	ADJUST- ABLE	FIXED	WALL WASH
FIXED VERTICALLY	●	●	●	●		●	●
ADJUSTABLE UP TO 30° TILT					●		
355° HORIZONTAL ROTATION					●		●
AVAILABLE IN MULTIPLE BEAM DISTRIBUTIONS				●	●	●	
AVAILABLE ONLY IN WIDE FLOOD DISTRIBUTION	●	●	●				
LOWER CONE: POLISHED FACETS or SMOOTH MATTE	●	●	●				
LOWER CONE: MATTE, SPECULAR, WHITE OR BLACK					●	●	
LOWER CONE: MATTE ONLY				●			●
MOST LUMINANCE CONTROL FOR UNIFORM BEAM & LEAST SPILL		●					
NO DIRECT VIEW OF LED FOR GLARE CONTROL			●				
MAXIMUM CENTER BEAM				●			
TOOL-LESS INTERCHANGEABLE REFLECTORS					●	●	
XL ROUNDED TRIM RING (3.8" APERTURE)		●		●			
ACCESSORIES (COLOR FILTERS, LOUVER, ZOOM + CUT-OFF)					●	●	



MABIC - Maranello Library- Modena, Italy. Project: Arata Isozaki, Andrea Maffei