

Gotham Architectural Downlighting
LED Downlights



6" Incito®
Downlight

Solid-State Lighting
(US and International Patents Pending)



FEATURES

INTENDED USE

- Achieve the lowest installed power density and operating costs while achieving every layer of light via the optimized general illumination distributions from the EVO family, and the high centerbeam accent layers from the highly flexible Incito family. The EVO and Incito families maintain consistent luminous apertures, dimming characteristics, and color quality to ensure the blending of families in common spaces renders an unparalleled, tailored visual experience.

OPTICAL SYSTEM

- Ten optimized distribution patterns allow designers to achieve tailored effects.
- Self-flanged semi-specular or matte-diffuse lower reflector utilized in combination with a highly transmissive lens.
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides smooth and continuous transition from lensed source to the top of the reflector down to the bottom of the reflector.

MECHANICAL SYSTEM

- Light engine and driver are accessible from above or below ceiling.
- 16-gauge black painted steel mounting frame with C-channel mounting bars included. Post-installation adjustment possible from above or below ceiling.
- Galvanized steel junction box with hinged access covers and spring latch. Three combination 1/2"-3/4" and one 1/2" knockout for straight-through conduit runs. Capacity: 8 (4in, 4out) No. 12 AWG conductors rated for 90°C.
- Accommodates up to 1½"-thick ceilings.

ELECTRICAL SYSTEM

- Solid-state LED light engine available in 2700 K, 3000 K, 3500 K or 4000 K color temperatures. CRI: 85 typical.
- eldoLED ecoDrive 0-10V driver available with 10% dimming level.
- eldoLED ecoDrive 0-10V driver available with 1% dimming level.
- eldoLED SOLOdrive 0-10V driver available with <1% dimming level.
- eldoLED SOLOdrive DALI driver available with <1% dimming level.
- eldoLED POWERdrive DMX with RDM (remote device management) available with <1% dimming level.
- Rated system life of 60,000 hours at >70% output.
- Emergency battery pack with remote test switch available.
- Tested in accordance with LM-79 and LM-80 standards.

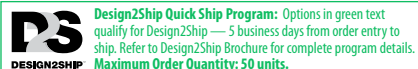
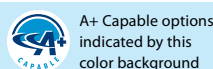
LISTINGS

- Fixtures are CSA certified to meet US and Canadian standards; wet location, covered ceiling.

WARRANTY

- 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.



EXAMPLE: IC0 30/50 6ARFL 20D 120 EZB

Series	Color temperature		Nominal delivered lumen values ¹				Aperture/Trim color		Trim style		Finish		Beam		Volt-age
IC0	27/	2700 K	20	2000 lumens	55	5500 lumens	6AR	Clear	(blank)	Self-flanged	LSS	Semi-specular	20D	20° beam angle	120
	30/	3000 K	25	2500 lumens	60	6000 lumens	6PR	Pewter					25D	25° beam angle	277
	35/	3500 K	30	3000 lumens	65	6500 lumens	6WTR	Wheat	FL	Flangeless	LD	Matte diffuse	30D	30° beam angle	347 ³
	40/	4000 K	35	3500 lumens	70	7000 lumens	6GR	Gold					35D	35° beam angle	
			40	4000 lumens	75	7500 lumens	6WR ²	White					40D	40° beam angle	
			45	4500 lumens	80	8000 lumens	6BR ²	Black					45D	45° beam angle	
			50	5000 lumens	85	8500 lumens							55D	55° beam angle	
													60D	60° beam angle	
													65D	65° beam angle	
													70D	70° beam angle	

Driver	Options
EZ10 eldoLED 0-10V ECOdrive. Linear dimming to 10% min. EZ1 eldoLED 0-10V ECOdrive. Linear dimming to 1% min. EZB eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%. EDAB eldoLED SOLOdrive DALI. Logarithmic dimming to <1%. EDXB eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Includes termination resistor. Refer to DMXR Manual .	SF Single fuse TRW⁴ White painted flange TRBL⁵ Black painted flange ELR⁶ Emergency battery pack with remote test switch, CEC compliant CP⁷ Chicago plenum BGTD Bodine generator transfer device CRI90 High CRI (90+)
	HAO High ambient capability up to 40°C. Fixture height is 10-3/8" NPS80EZ nLight® dimming pack controls 0-10V eldoLED drivers. NPS80EZ ER⁸ nLight® dimming pack controls 0-10V eldoLED drivers. ER controls fixtures on emergency circuit. LTVI⁹ Lutron ECOSYSTEM interface for compatibility with 0-10V EZ10, EZ1 or EZB. RRL RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAE, and RRLC12S.

ACCESSORIES order as separate catalog numbers (shipped separately)

SCA Sloped ceiling adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA6 10D. Refer to [TECH-190](#).

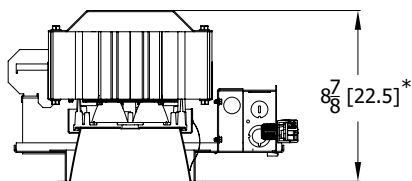
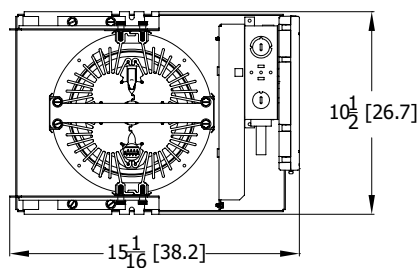
ORDERING INFORMATION

6" INCITO
Open Reflector
Solid-State Lighting



DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Incito Round Downlight - Flanged

Aperture: 6-1/4 [15.8]
Ceiling opening: 6-15/16 [17.6]
Overlap trim: 7-1/2 [19.1] self-flanged
6-5/8 [16.8] flangeless

* HIGH AMBIENT FIXTURE HEIGHT - 10-5/8"



Incito Round Downlight - Flangeless (FL)

ELECTRICAL

WATTAGE CONSUMPTION MATRIX

LUMENS	BEAM ANGLES									
	20	25	30	35	40	45	55	60	65	70
8500	93 W	93 W	93 W	93 W	93 W	106 W	106 W	106 W	106 W	106 W
8000	88 W	88 W	88 W	88 W	88 W	97 W	97 W	97 W	97 W	97 W
7500	80 W	80 W	80 W	80 W	80 W	93 W	93 W	93 W	93 W	93 W
7000	73 W	73 W	73 W	73 W	73 W	84 W	84 W	84 W	84 W	84 W
6500	69 W	69 W	69 W	69 W	69 W	80 W	80 W	80 W	80 W	80 W
6000	62 W	62 W	62 W	62 W	62 W	72 W	72 W	72 W	72 W	72 W
5500	57 W	57 W	57 W	57 W	57 W	65 W	65 W	65 W	65 W	65 W
5000	49 W	49 W	49 W	49 W	49 W	62 W	62 W	62 W	62 W	62 W
4500	45 W	45 W	45 W	45 W	45 W	54 W	54 W	54 W	54 W	54 W
4000	40 W	40 W	40 W	40 W	40 W	43 W	43 W	43 W	43 W	43 W
3500	34 W	34 W	34 W	34 W	34 W	37 W	37 W	37 W	37 W	37 W
3000	29 W	29 W	29 W	29 W	29 W	31 W	31 W	31 W	31 W	31 W
2500	26 W	26 W	26 W	26 W	26 W	29 W	29 W	29 W	29 W	29 W
2000	26 W	26 W	26 W	26 W	26 W	26 W	26 W	26 W	26 W	26 W

EL/ELR AVAILABILITY / COMPATIBILITY – Initial Lumens

LED			Initial Lumens	
Product	Lumens	Watts	EL/ELR	ELRHL
ICO 6"	2000-8500	24-101	580	N/A

nLight® Control Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.

WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODM [color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPODM DX [color]	Large motion 360°, ceiling (PIR / dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX [color]	Wide view (PIR / dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model number	Wall Switch w/ Raise/Lower (PIR / dual tech)	nWSX LV DX / nWSX PDT LV DX
On/Off & Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model number
		10', CAT5 10FT	CAT5 10FT J1
		15', CAT5 15FT	CAT5 15FT J1

NOTES

ORDERING NOTES

- Nominal downlight lumens.
- Not available with finishes. Not available with flangeless (FL) trim style.
- Add 2" to overall height.
- Not available with white reflector. Not applicable with FL option.
- Not available with black reflector. Not applicable with FL option.
- For dimensional changes, refer to [TECH-140](#). Not available with CP option. Must specify 120V or 277V. Not available with 347V.
- Chicago plenum available 7500 lumens and below.
- For use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
- Shipped installed from the factory. Not available with CP.



CONSULT WWW.GOTHAMLIGHTING.COM FOR PHOTOMETRY

Choose Wall Controls.

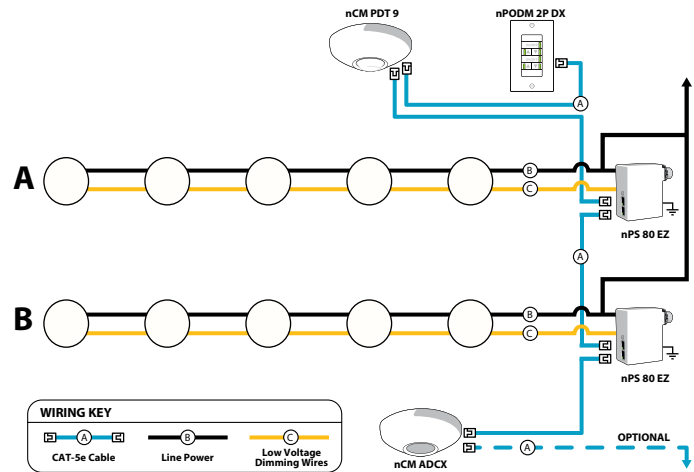
nLIGHT offers multiple styles of wall controls – each with varying features and user experience.



Push-Button WallPod
Traditional tactile buttons and LED user feedback



Graphic WallPod
Full color touch screen provides a sophisticated look and feel



EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

nPS 80 EZ Dimming/Control Pack (qty 2 required)

nPODM 2P DX Dual On/Off/Dim Push-Button WallPod

nCM ADCX Daylight Sensor with Automatic Dimming Control

nCM PDT 9 Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a **shaded background***
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a **shaded background***

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details