



TRAFALGAR ROAD

RAY 10096

PROJECT / PROJET		ORDERING SPECIFICATION / SPÉCIFICATION DE COMMANDE	CODE
MODEL / MODÈLE	10096	RAY	10096
SPEC TYPE			

NOTES

LIGHT SOURCE / SOURCE LUMINEUSE

INTEGRATED LAMP TYPE (OTHER W/O):
 LED 1: TW, LED
 LED 2: TW, LED

COLOR TEMPERATURE / TEMPÉRATURE DE COULEUR

30: 3000K
 35: 3500K
 40: 4000K

VOLTAGE / VOLTAJE

120V: 120 VOLT
 277V: 277 VOLT

HOUSING FINISH / FINI BOITIER

BLKE: BLACK FINE TEXTURE
 WHE: WHITE FINE TEXTURE

OPTIONS

WHE

PRODUCT CHARACTERISTICS / CARACTÉRISTIQUES DU PRODUIT

ADA BIM IES LED

2.00" x 3.00" (51mm x 76mm)

DESIGN: Ideal for direct illumination without visible fasteners and fits in a 2.00" x 3.00" outlet box.
LIGHT SOURCE: 1W and 2W LED available.
HOUSING: Die-cast aluminum, die-stamped steel and die-cut silicone gasket.
DIFFUSER: Frosted polycarbonate sheet.
CERTIFIED: CSA Listed to US and Canadian safety standards, 25°C ambient and wet locations, IP64 rated.

CONCEPTION: Idéal pour éclairage direct sans vis apparentes. Convient aux boîtes de jonction 2.00" x 3.00".
LIGHT SOURCE: 1W et 2W LED.
BOITIER: Aluminium injecté, acier découpé et pièce en silicone extrudé.
DIFFUSEUR: Polycarbonate givré.
CERTIFIÉ: Homologué CSA aux standards UL, Canada et E-UL - Température ambiante 25°C et emplacements mouillés. Conforme à la norme IP64.

EUREKA SPECIFICATION
Eureka Lighting © 2017 www.eureka-lighting.com V1.0-201708

LIGHTING FIXTURE TYPE 'A'

LUMINAIRE SCHEDULE

Symbol	Label	Manufacturer	Catalog Number	Description	Lamp	Watts
⌘	A	EUREKA LIGHTING	RAY 10096.LED.2W	FIXTURE WALL MTD @ 8"-0" 4000K CCT 175-180 LUMENS BLACK FINE TEXTURE	LED	3.66
○	B	GOTHAM ARCH. LIGHTING	IC01PIN 40/02 BR SOL 20D	RECESSED DOWNLIGHT 1" PINHOLE 4000K CCT 250 LUMENS 20 DEGREE BEAM, 80 CRI	LED	3.1
○	C	LITHONIA LIGHTING	OLCFM 15 DOB	LED CAST FLUSH MTD DARK BRONZE 4000K CCT 1077 LUMENS	LED	16.6
⌘	D	EUREKA LIGHTING	PLATE 3450-2X LED REG	FIXTURE WALL MTD @ 5"-0" C/W WHITE TRANSLUCENT DIFFUSER 4000K CCT 787 LUMENS	LED	9.7

NOTES:
 1. LIGHT LEVELS ARE IN FOOT-CANDELES.
 2. LIGHTING FIXTURE EXISTING ON SIDEWALK AREA, NOT SHOWN.

SCALE: AS NOTED
 FILE: IE-7201
 DESIG: SM/PO DATE: 23.01.13
 DRAWN: SM
 CHECK: TT

TRAFALGAR ROAD – NEW BUILDING
 115 TRAFALGAR ROAD,
 OAKVILLE, ON

SITE PLAN – LIGHTING PHOTOMETRIC
 PH1 OF 2

1930 Blue Heron Drive
 London, ON N6H 5L9
 Tel: 519-472-3688
 Fax: 519-472-4322
 www.integratedengineering.ca

INTEGRATED engineering

PROFESSIONAL ENGINEER
 TERRY TORHAM
 TEL: 4871600
 APR. 3/23
 O.N.O. OF PROVING

DO NOT SCALE THE DRAWING
 THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE DIMENSIONS OF THE WORK
 THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE DIMENSIONS OF THE WORK
 THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE DIMENSIONS OF THE WORK
 REPRODUCTION OF THESE DOCUMENTS IN PART OR IN FULL WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER IS STRICTLY PROHIBITED

ISSUED FOR SITE PLAN APPROVAL
 23.03.04
 ISSUED FOR REVIEW
 23.01.18

NO DATE DESCRIPTION REVISIONS

gotham | I N C I T O
Multiple Layers of Light

Luminaire Type: _____
Catalog Number: _____

High Center Beam Round Pinhole Adjustable Downlight 1"

Feature Set

- Eleven optimized distribution patterns allow designers to achieve tailored objectives
- Vertical tilt is self-locking from 0° - 40°; 365° of horizontal rotation. Can be hot aimed from below ceiling.
- Field interchangeable optic
- Driver and LED light engine fully serviceable from below ceiling
- 70% lumen maintenance at 60,000 hours
- 2.5 SDCM, 85 CRI typical, 90+ CRI optional
- Fixtures are wet location, covered ceiling
- ENERGY STAR® Certified product
- Small low brightness aperture
- Flush mount option (FL option)
- Can be paired with complimentary pinhole downlight luminaires

Distribution

15° beam angle, 20° beam angle, 25° beam angle, 30° beam angle, 35° beam angle, 40° beam angle, 45° beam angle

35°x15°, 50°x20°, 50°x60°, 60°x70°

Superior Performance

Nominal lumens	250	500	750	1000	1500	2000
Delivered	163	347	531	728	1091	1378
Wattage	3.1	5.6	8.7	12.0	19.8	28.6
Efficiency	53	62	61	60	55	48

*Based on 3500K 80CRI 150

Coordinated Apertures | Multiple Layers of Light

General Illumination Layer | EVO
High Center Beam Layer | Incito
EVO + Incito — Multiple Layers of Light

Core
Downlight, Adjustable, Open Wash, Lensed Wash, Cylinder, Pinhole, Bevel, Hyperbolic

Healthcare
MRI, Surgical Suite, Patient Room

Special Applications
Dynamic, Food Service, Vandal/Tamper, Clean Room, Shower, Steam Room

IC01PINADI page 1 of 8
GOTHAM ARCHITECTURAL DOWNLIGHTING | 1400 Lester Road Conyers, GA 30012 | P 800-705-SERV (7378) | gothamlighting.com
© 2014-2022 Acuity Lighting Inc. All Rights Reserved. Rev. 11/01/22. Specifications subject to change without notice.
The product images shown are for illustration purposes only and may not be an exact representation of the product.

LIGHTING FIXTURE TYPE 'B'

gotham | I N C I T O **1"** High Center Beam Round Pinhole Adjustable Downlight

Luminaire Type: _____
Catalog Number: _____

EXAMPLE: IC01PINADI 35/10 WR 200 MVOLT UBZ

Series	Color Temperature	Lumens	Reflector Color	Flange Type	Lensing	Beam
IC01PINADI	27/ 2700 K 30/ 3000 K 35/ 3500 K 40/ 4000 K 50* 5000 K	02 250 lumens 05 500 lumens 07 750 lumens 10 1000 lumens 15 1500 lumens 20 2000 lumens	WR White painted BR Black BZR Dark Bronze painted	(blank) Self-flanged FL Flush mount	(blank) Open SOL Solite pattern lens LTF Light frost lens SMO Clear	150 15° beam angle 200 20° beam angle 250 25° beam angle 300 30° beam angle 350 35° beam angle 400 40° beam angle 450 45° beam angle 35150 Elliptical 35° x 15° beam angle 50200 Elliptical 50° x 20° beam angle 50600 Elliptical 50° x 60° beam angle 60700 Elliptical 60° x 70° beam angle

Voltage	Driver	Control Interface ¹	Options
MVOLT 120V - 277V	UBZ ² Universal dimming to 1% (0-10V, 120V TRIAC or ELV)	(blank) nLight [®] dimming pack.	90CRI ¹ High CRI (90+)
120V 120V	EC00 ³ Lutron [®] EcoSystem [™] digital Hi-Lume <1% self-on, fade to black. Min: 500LM, Max: 1500LM	NLT nLight [®] dimming pack for fixtures on emergency circuit	NCR ⁴ Structural reinforcement pan
277V 277V		NLTAIR nLight [®] AIR dimming pack	ICAT ⁵ IC/Airtight housing construction
		NLTAIR2 ² nLight [®] AIR dimming pack for fixtures on emergency circuit	CP ⁶ Chicago Plenum
		NLTAIR2 ² nLight [®] AIR dimming pack for fixtures on emergency circuit	HAD ⁷ High ambient (40°C)
			NRO ⁸ nLight Lumen Compensation
			WL ⁹ Wet Location

ACCESSORIES — order as separate catalog numbers (shipped separately)

IC02OPTC XXD Additional optics for field installation. Replace "XX" with beam angle.
IC02OPTC KIT Kit including a field interchangeable optic for each of the 13 preset beam distribution patterns
HS258 2-5/8" Hole saw
HS234FL Hole saw for flush mount trim option
SDT 347/120 75VA 347V/120V, 75VA step down transformer. Must be remote mounted.
AWS0 Allen wrench (L050") for adjusting tilt

ORDERING NOTES

- 5000K CCT not available with 90CRI
- Refer to Tech-202 for compatible dimmers.
- Not available with Control Interfaces (nLight). Not compatible with spray foam with 1000LM, 1500LM, or 2000LM options.
- Field installed. Access required to location of remote mounted device normal hot feed.
- ER for use with generator supply power. Will require an emergency hot feed and NCH is required for T-grid ceilings or where code requires.
- Not available with 1500lm or 2000lm
- Requires NLT or NLTAIR.
- WL requires a lens (e.g. SOL)

IC01PINADI page 2 of 8
GOTHAM ARCHITECTURAL DOWNLIGHTING | 1400 Lester Road Conyers, GA 30012 | P 800-705-SERV (7378) | gothamlighting.com
© 2014-2022 Acuity Brands Lighting Inc. All Rights Reserved. Rev. 11/01/22. Specifications subject to change without notice.
The product images shown are for illustration purposes only and may not be an exact representation of the product.

LIGHTING FIXTURE TYPE 'B' - CONTINUED

LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTENDED USE — The OLCFM provides years of maintenance-free general illumination for residential and commercial outdoor applications such as porches, covered walkways and store entrances.

CONSTRUCTION — Rugged cast-aluminum top-plate and outer-ring are protected by a thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mil thickness for a finish that can withstand extreme climate changes without cracking or peeling.

OLCFM — 90 high-performance LEDs produces up to 1077 lumens and maintain 70% of light output at 50,000 hours of service. (LED lifespan based on IESNA LM-80-08 results and calculated per IESNA TM-21-11 methodology.) White acrylic diffuser provides a soft white light at 4000K CCT. See Lighting Facts Labels for specific fixture performance.

ELECTRICAL — Fixture operates at 120 volts, 60 Hz. Standard input — 16.6 watts. Operating temperature -40°C to 40°C. Amps @ 120V = 131. Surge protection — 2.5kV.

INSTALLATION — Mounts easily to existing junction box (by others).

LISTINGS — UL Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards.

WARRANTY — 5-year limited warranty. This is only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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. Specifications subject to change without notice.

Outdoor General Purpose

OLCFM

OUTDOOR LED CAST FLUSH MOUNT

UL LISTED, LED, WET LOCATION, 5 Year Warranty

Example: OLCFM 15 DOB

Series	Light Engine	Color Temperature (CCT) ¹	Voltage	Finish
OLCFM	15	(blank) 4000K	(blank) 120V	DOB Dark bronze

ORDERING INFORMATION All configurations of this product are considered "standard" and have short lead times.

Notes
1 Nominal Correlated Color Temperature (CCT) per ANSI C78.377-2008.

DECORATIVE INDOOR & OUTDOOR OLCFM

LIGHTING FIXTURE TYPE 'C'

PLATE OUT DOUBLE 3450

PROJECT PROJECT

SPIC TYPE

NOTES

ORDERING SPECIFICATION / SPECIFICATION DE COMMANDE

MODEL: 3450

LIGHT SOURCE: SOURCE LUMINEUSE

LED: HIGH OUTPUT

COLOR TEMPERATURE: TEMPERATURE DE COULEUR

VOLTAGE: 120V

FINISH: WHITE PALE TEXTURE

PRODUCT CHARACTERISTICS / CARACTÉRISTIQUES DU PRODUIT

DESIGN: Designed for use in corridors and public areas. These wall-mounted indirect luminaires provide ambient lighting and are available in a variety of finishes and beam angles.

CONSTRUCTION: CNC machined aluminum, anodized for corrosion resistance and four levels of die-cast silicone gaskets for weather resistance.

CONCEPTION: Conçu pour être utilisé dans les couloirs et les zones publiques. Les luminaires offrent un éclairage ambiant et sont disponibles dans une variété de finitions et d'angles de faisceau.

CONSTRUCTION: Aluminium usiné par CNC, anodisé pour la résistance à la corrosion et quatre niveaux de joints en silicone moulés à chaud pour la résistance aux intempéries.

DATE: 23.03.04

ISSUED FOR: SITE PLAN APPROVAL

DATE: 23.01.18

ISSUED FOR: REVIEW

NO DATE DESCRIPTION REVISIONS

LIGHTING FIXTURE TYPE 'D'

SCALE: AS NOTED
FILE: IE-7201
DESIGN: SM/PJO DATE: 23.01.13
DRAWN: SM
CHKD: TT

TRAFALGAR ROAD - NEW BUILDING
115 TRAFALGAR ROAD,
OAKVILLE, ON

LIGHTING PHOTOMETRIC SPECIFICATIONS

PH2 of 2

1930 Blue Heron Drive
London, ON N6H 5L9
Tel: 519-472-3688
Fax: 519-472-4322
www.integratedengineering.ca

INTEGRATED engineering

PROFESSIONAL ENGINEER
THE PROVINCE OF ONTARIO
T. TOPHAM
4876000
APR 3/23

PROJECT NORTH

DO NOT SCALE THE DRAWING
THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE DIMENSIONS OF THE WORK
REPRODUCTION OF THESE DOCUMENTS IN PART OR IN FULL WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER IS STRICTLY PROHIBITED