gotham® | INCITO™
Multiple Layers of Light

Luminaire Type: _____
Catalog Number: _____

LOW UGR · BAA · ENERGY STAR
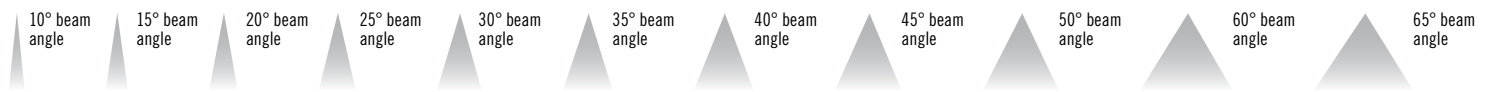
High Center Beam Wall Mount Cylinder — 4"

OVERVIEW

Feature Set

- Eleven optimized distribution patterns allow designers to achieve tailored objectives
- Bounding Ray™ optical design
- 45° cutoff to source and source image
- Fully serviceable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional
- Fixtures are damp location standard; wet location option (WL), covered ceiling, IP66 option available, covered ceiling not required.

- 20 standard colors in textured and gloss finish; custom or RAL colors also available)
- Field configurable surface junction box conduit covers available
- ENERGY STAR® Certified product
- UGR of zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg per CIE 117-1995 Discomfort Glare in Interior Lighting. UGR FAQ (UGR FAQ)

Distribution

10° beam angle	15° beam angle	20° beam angle	25° beam angle	30° beam angle	35° beam angle	40° beam angle	45° beam angle	50° beam angle	60° beam angle	65° beam angle

Superior Perfomance

Nominal Lumens	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000
Delivered	703	807	1062	1545	1977	2419	2920	3548	3982	4419	4848
Wattage	6.7	7.5	9.8	15.1	21.5	26.5	34.1	33.8	39.5	46.2	53.2
Efficacy	104	108	108	102	92	91	86	105	101	96	91

COMPLEMENTARY PRODUCTS

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 Wallwash	Lensed Wallwash	Cylinder	Pinhole	Bevel	Hyperbolic

Healthcare	MRI	Surgical Suite	Patient Room

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

ORDERING INFORMATION

Luminaire Type: _____

Catalog Number: _____

EXAMPLE: ICO4WC 35/15 AR LSS 35D MVOLT EZ1 JBX DN DWHG

Series		Color Temperature		Lumens		Reflector Color		Reflector Finish		Beam		Voltage	
ICO4WC	Incito 4in Wall Mount Round Cylinder Open Downlight	**27/** **30/** **35/** **40/** **50/**	2700 K 3000 K 3500 K 4000 K 5000 K	**05** **07** **10** **15** **20** **25** **30** **35** **40** **45** **50**	500 lumens 750 lumens 1000 lumens 1500 lumens 2000 lumens 2500 lumens 3000 lumens 3500 lumens 4000 lumens 4500 lumens 5000 lumens	**AR** **PR** **WTR** **GR** **WR**[1] **BR**[1] **WRAMF**[1] **BZR**[1] **TRALTBD**[1,2] **TCPC**[1]	Clear Pewter Wheat Gold White painted Black White anti-microbial Dark Bronze painted Trim RAL # TBD (TBD for pricing only) Trim Custom Paint Color TBD (TBD for pricing only)	**LSS** **LD** **LS**	Semi-specular Matte diffuse Specular	**10D**[3] **15D** **20D** **25D** **30D** **35D** **40D** **45D** **50D** **60D** **65D** **ASYM**[4]	10° beam angle 15° beam angle 20° beam angle 25° beam angle 30° beam angle 35° beam angle 40° beam angle 45° beam angle 50° beam angle 60° beam angle 65° beam angle Asymmetric	**MVOLT** **120** **277** **347**[5]	120V - 277V 120V 277V 347V

Driver[6]		Mounting		Fixture Orientation		Emergency Option	
GZ10 **GZ1** **EZ10** **EZ1** **EZB** **EDAB**[7] **EDXB**[7,8] **ECOD**[7]	0-10V driver dims to 10% 0-10V driver dims to 1% eldoLED 0-10V ECOdrive. Linear dimming to 10% min. eldoLED 0-10V ECOdrive. Linear dimming to 1% min. eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%. eldoLED SOLOdrive DALI. Logarithmic dimming to <1%. eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Min: 1000LM; Max: 4000LM. Lutron® EcoSystem® digital Hi-Lume 1% soft-on, fade to black. Max: 4000LM.	**JBX** **JBXCC**	Integral driver, Recessed or Surface J-box Integral driver, Surface J-box with Conduit Covers	**DN** **UP**[9]	Mounted with reflector pointing down Mounted with reflector pointing up	**(blank)** **E6W** **E7WCP**[10] **E10WCP**[10] **E15WCP**[10]	No emergency options 6W integral emergency battery. Not available for 1500LM & 2000LM. Max 3000LM. IOTA® 7W emergency battery (sidecar). Not available for 500LM. Max 5000LM. IOTA® 10W emergency battery (sidecar). Not available below 1000LM. Max 5000LM. IOTA® 15W emergency battery (sidecar). Not available below 1500LM. Max 5000LM.

Control Interface[11]		Options		Architectural Colors - Powder Paint[18]			
(blank) **NLT** **NLTER**[12] **NLTAIR2** **NLTAIRER2**[12]	No controls nLight® dimming pack. nLight® dimming pack for fixtures on emergency circuit nLight® AIR dimming pack. nLight® AIR dimming pack for fixtures on emergency circuit	**SF** **90CRI** **N80**[13] **HAO**[14] **WL**[15,17] **IP66**[16,17]	Single fuse. Specify 120V or 277V. High CRI (90+) nLight Lumen Compensation HAO High Ambient Option (40°C) Wet Location Lensed, IP66 rated	**DDB** **DBL** **DWH** **DMB** **DNA** **DSS** **DGC** **DTG** **DBR** **DSB**	Gloss Dark Bronze Matte Black Gloss White Matte Medium Bronze Gloss Natural Aluminum Gloss Sandstone Gloss Charcoal Grey Gloss Tennis Green Gloss Bright Red Gloss Steel Blue	**DDBT** **DBLB** **DWHG** **DBNH** **DNAT** **DSST** **DSPD** **DSPE** **DSPH** **DWHAMF** **RALTBD**[2] **CPC**	Textured Dark Bronze Textured Black Textured White Textured Bronze Textured Natural Aluminum Textured Sandstone Textured Dark Grey Textured Green Textured Light Red Gloss White with Anti-microbial finish Cylinder RAL # TBD (TBD for pricing only) Cylinder Custom Paint Color TBD (TBD for pricing only)

ACCESSORIES — order as separate catalog numbers (shipped separately)	
GCOLORS KIT	Architectural colors chip kit, consisting of powder-coat and plated finishes
OPTC4 XXD	Additional optics for field installation. Replace "XX" with beam angle.

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ORDERING INFORMATION

ORDERING NOTES

1. Not Available with Finishes.
2. Replace with applicable RAL number and finish when ready to order. See RAL BROCHURE for available color options.
3. Not available with emergency battery pack options. Only available 1500lm and below.
4. Requires UP option.
5. Factory supplied step down transformer must be remote mounted. Access required to location of remote mounted device.
6. Refer to Tech 240 for compatible dimmers.
7. Not Available with Control Interfaces.
8. Includes terminator resistor.
9. For indoor, damp location use only.
10. Not available with WL or IP66 options. Damp location listed only.
11. Field installed. Access required to location of remote mounted device.
12. For use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
13. Fixture begins at 80% light level. Must be specified with NLT or NLTER. Only available with eldoLED drivers
14. Only available up to 2500 lumens; not available with WL or IP66.
15. Not available with UP. Max: 3000LM.
16. IP66 should be selected if Wet Location is required with UP fixture orientation. Max 2500LM.
17. Not available with JBXCC.
18. For details on RAL and Custom colors please see Architectural colors.

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Optical Assembly
Fully serviceable and upgradeable lensed LED light engine suitable for field maintenance or service from below the ceiling.

Optical design is a Bounding Ray™ design with 45° cutoff to source and source image. Top down flash characteristic for superior glare control.

Electrical
The luminaire shall operate from a 50 or 60 Hz ±3 Hz AC line over a voltage ranging from 120 VAC to 277 VAC. Support 347V via remote-mounted stepdown transformer. The fluctuations of line voltage shall have no visible effect on the luminous output.

The luminaire shall have a power factor of 90% or greater at all standard operating voltages and full luminaire output.

Sound Rated A+. Driver shall be >80% efficient at full load across all input voltages.

Input wires shall be 18AWG, 300V minimum solid copper.

Controls
Luminaire shall be equipped with interface for nLight wired or nLight AIR networks with integral power supply as per specification.

Emergency
Luminaires supplied with a battery pack comply with NFPA 101 (Life Safety code) and deliver constant light output throughout the 90 minutes of code required emergency operation period when there is a normal AC power loss.

Luminaires equipped with a generator transfer device work in conjunction with an auxiliary generator or a central inverter system to power fixtures for safe egress lighting.

Dimming
The luminaire shall be capable of continuous dimming without perceivable stroboscopic flicker as measured by flicker index (ANSI/IES RP-16-10) over a range of 100 – 10%, 100 – 1.0% or 100 – 0.1% of rated lumen output with a smooth shut off function to step to 0%.

eldoLED LED drivers shall conform to IEEE P1789 standards. Alternatively, manufacturers must demonstrate conformance with product literature and testing which demonstrates this performance. Systems that do not meet IEEE P1789 will not be considered.

Driver is inaudible in 24dB environment, and stable when input voltage conditions fluctuate over what is typically experienced in a commercial environment.

Construction
Heaving-gauge aluminum construction.

Extruded body with flangeless reflector allows flow-through passive thermal management.

Surface ceiling mount for direct installation to 4" recessed or surface octagonal junction box.

Optional field configurable conduit covers available. Conduit covers match cylinder in finish and diameter.

Listings
Fixtures are CSA Certified to meet US and Canadian Standards: All fixtures manufactured in strict accordance with the appropriate and current requirements of the "Standards for Safety" to UL, damp location standard; wet location options available under covered ceiling (WL) or lensed (IP66).

Luminaire configurations are Energy Star certified through testing in EPA–recognized laboratories, with the results reviewed by an independent, accredited certification organization. Visit www.energystar.gov for specific configurations listed.

Photometrics
LEDs tested to LM-80 standards. Measured by IESNA Standard LM-79-08 in an accredited lab. Lumen output shall not decrease by more than 30% over the minimum operational life of 60,000 hours.

Color appearance from luminaire to luminaire of the same type and in all configurations, shall be consistent both initially and at 6,000 hours and operate within a tolerance of <2.5 MacAdam ellipse as defined by the center of the quadrangles defined in ANSI C78.377-2015.

BUY AMERICAN ACT
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty
5-year limited warranty. This is the 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.

◁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 when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested meet the Acuity Brands' specification for chromatic consistency - including color rendering, color fidelity and color temperature tolerance around the standard CIE chromaticity coordinates..

To learn more about Acuity A+ standards, specifications and testing, visit www.acuitybrands.com/aplus.

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Tables of Use

ICO - eldoLED Driver Default Dimming Curve

Nomenclature	Min Dimming	Driver Dim Curve	Control Dim Curve
EZ10	10%	Linear	Linear/Logarithmic
EZ1	1%	Linear	Linear/Logarithmic
EZB	<1%	Logarithmic	Linear
EDAB	<1%	Logarithmic*	Linear
EDXB	<1%	Square	Linear

*Changable thorugh DALI controller

J-box Compatibility Matrix		Cylinder Configurations	
		JBX	JBX w/EDXB Driver
Recommended J-box (by others)	4" Octagonal 4x4x1.5 deep"	✓	✗
	4" Octagonal 4x4x2.125 deep	✓	✓
	4" Square 4x4x1.5 deep	✓	✗

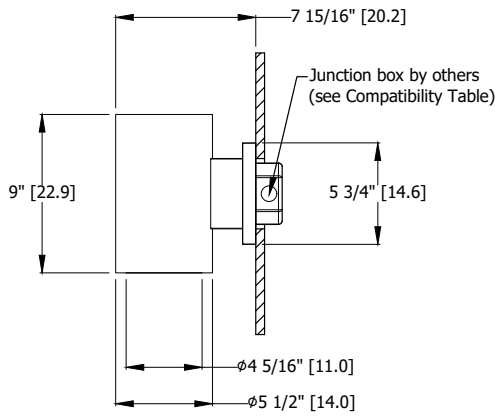| Driver		Control Provided (note: 347V/UVOLT versions provided with 347 option selected)			
Nomenclature	Description	NLT	NLTER	NLTAIR2	NLTAIRER2
GZ10	0-10V driver dims to 10%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
GZ1	0-10V driver dims to 1%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
EZ10	eldoLED 0-10V ECOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2
EZ1	eldoLED 0-10V ECOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2
EZB	eldoLED 0-10V SOLOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2

Standard Architectural Color Options for Cylinder Bodies

DSS P12 LITHONIA Sandstone	**DSST** P90 TEXTURED Sandstone
DBR P34 LITHONIA Bright Red	**DSPH** P80 TEXTURED Light Red
DMB P11 LITHONIA Medium Bronze	**DBNH** P74 TEXTURED Bronze
DTG P33 LITHONIA Tennis Green	**DSPE** P78 TEXTURED Green

DSB P49 LITHONIA Steel Blue
DNA P07 LITHONIA Natural Aluminum
DNAT P89 TEXTURED Natural Aluminum
DGC P32 LITHONIA Charcoal Gray
DSPD P77 TEXTURED Dark Grey
DDB P50 LITHONIA Dark Bronze
DDBT P88 TEXTURED Dark Bronze
DBL P13 LITHONIA Black

DBLB P75 TEXTURED Black
DWH P21 LITHONIA White
DWHG P86 TEXTURED White

NOTE: These colors were carefully reproduced to give as true a depiction as possible of finished product color. Some colors, however, may vary slightly from actual appearance due to display/printing variations and limitations. Please order the GCOLORS KIT listed in the 'Accessories' section of the spec sheet for an accurate paint chip sample.
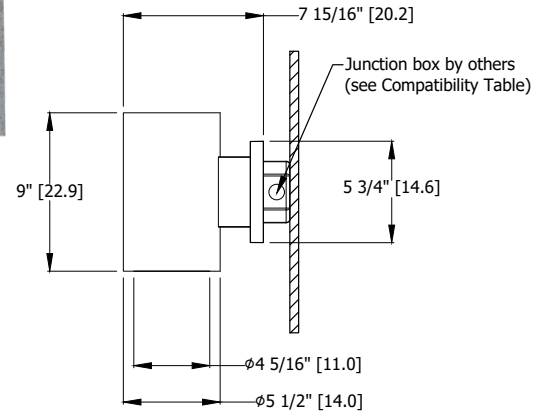
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DIMENSIONAL DATA

JBX Recessed J-Box

7 15/16" [20.2]

Junction box by others
(see Compatibility Table)

9" [22.9]

5 3/4" [14.6]

⌀4 5/16" [11.0]

⌀5 1/2" [14.0]

Luminaire can be specified as uplight
or downlight

JBX Surface J-Box

7 15/16" [20.2]

Junction box by others
(see Compatibility Table)

9" [22.9]

5 3/4" [14.6]

⌀4 5/16" [11.0]

⌀5 1/2" [14.0]

Luminaire can be specified as
uplight or downlight

JBXCC Surface J-Box with Conduit Covers

9 7/16" [24.0]

Junction box by others
(see Compatibility Table)

9" [22.9]

5 13/16" [14.8]

⌀4 5/16" [11.0]

⌀5 1/2" [14.0]
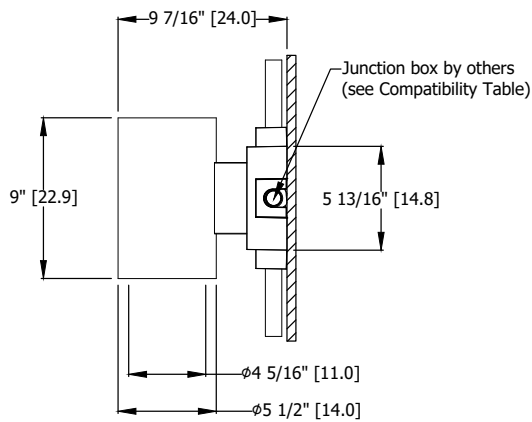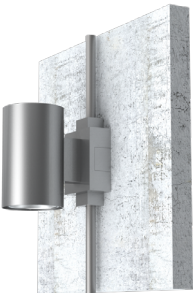
Luminaire can be specified as
uplight or downlight

JBX Surface J-Box with Sidecar Battery

7 15/16" [20.2]

Junction box by others
(see Compatibility Table)

9" [22.9]

5 3/4" [14.6]

Ø 4 5/16" [11.0]

Ø 5 1/2" [14.0]

L (see Sidecar Chart)

1 7/8" [4.7]
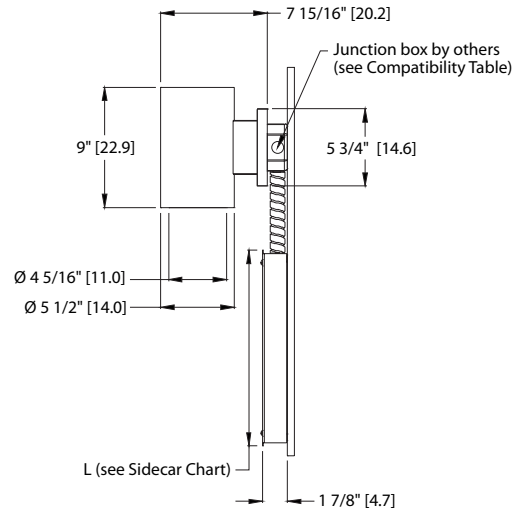
Luminaire can be specified as
uplight or downlight

*Dimensions in inches [centimeters]

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DIMENSIONAL DATA

347V Stepdown Transformer

4 5/16" [10.9] 3 7/16" [8.7] 7 1/2" [19.1] 4 5/16" [11.0]

4 1/4" [10.8] 3 9/16" [9.0]

347 Transformer:
Up to 6000LM
Install to accessible
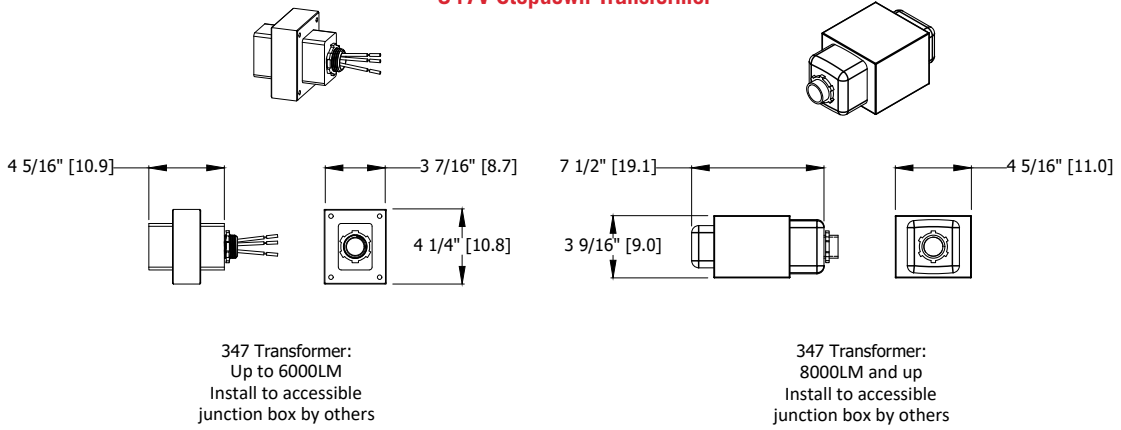junction box by others

347 Transformer:
8000LM and up
Install to accessible
junction box by others

Junction Box Dimensions (by others)

4" Octagonal J-Box, 1 1/2" Deep — 1 1/2" [3.8], 3 1/2" [8.9], 3 1/2" [8.9]

4" Octagonal J-Box, 2 1/8" Deep — 2 1/8" [5.4], 3 1/2" [8.9], 3 1/2" [8.9]

4" Square J-Box, 1 1/2" Deep — 1 1/2" [3.8], 4" [10.2], 4 3/4" [12.1]
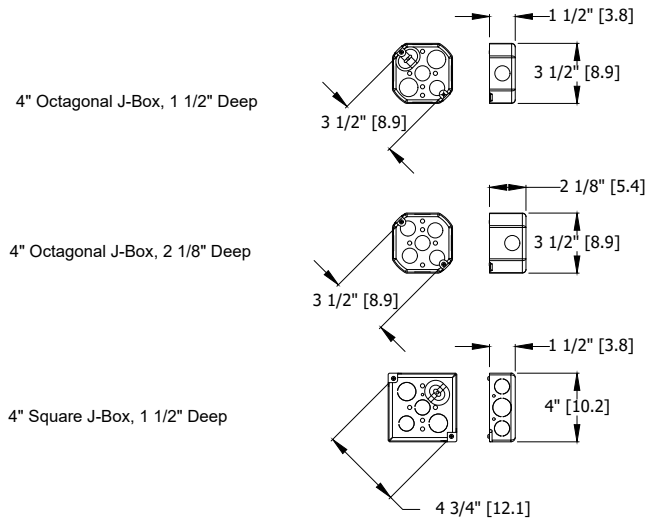
Emergency Battery Sidecar Dimensions

2' Whip (can be field shortened)

1 7/8" [4.7] L (see Sidecar Chart)

6 1/8" [15.6] 1 3/4" [4.4] 3/4" [1.9] Test Switch
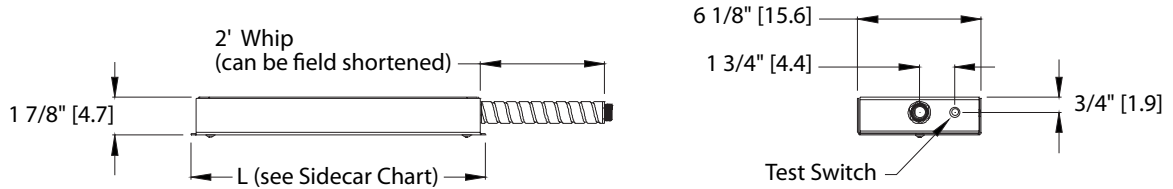
SIDECAR LENGTH CHART		
Reflector Finish	**Multiplier**	**Multiplier**
E7WCP	750LM AND GREATER EXCEPT AS NOTED BELOW	14"
	6000-8000LM	16"
	5000-8000LM WITH ECOD DRIVER	
E10WCP	1000LM AND GREATER EXCEPT AS NOTED BELOW	14"
	6000-8000LM	16"
	5000-8000LM WITH ECOD DRIVER	
E15WCP	1500LM AND GREATER	16"

*Dimensions in inches [centimeters]

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CONSULT **WWW.GOTHAMLIGHTING.COM** FOR ADDITIONAL PHOTOMETRY.

ICO4WC 35/15 AR LSS 15D Input Watts: 15.1, Delivered Lumens: 1504, LPW: 99.6, S/MH: 0.24, Test No: ISF 192654P5564

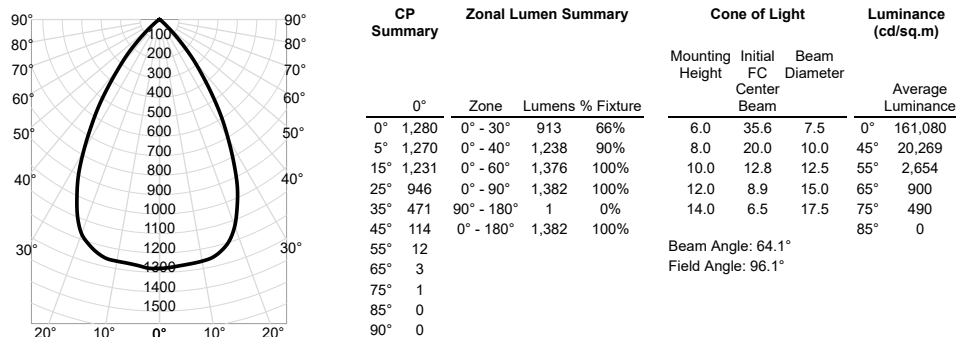| CP Summary		Zonal Lumen Summary			Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens	% Fixture	Mounting Height	Initial FC Center Beam	Beam Diameter		Average Luminance
0°	11,964	0° - 30°	1,449	96%	6.0	332.3	1.5	0°	1,505,657
5°	8,038	0° - 40°	1,479	98%	8.0	186.9	2.0	45°	3,408
15°	1,254	0° - 60°	1,501	100%	10.0	119.6	2.4	55°	1,106
25°	280	0° - 90°	1,503	100%	12.0	83.1	2.9	65°	300
35°	41	90° - 180°	1	0%	14.0	61.0	3.4	75°	0
45°	19	0° - 180°	1,504	100%				85°	0
55°	5								
65°	1				Beam Angle: 13.9°				
75°	0				Field Angle: 30.8°				
85°	0								
90°	0								

ICO4WC 35/15 AR LSS 30D Input Watts: 15.1, Delivered Lumens: 1411, LPW: 93.4, S/MH: 0.47, Test No: ISF 192657P7303

CP Summary		Zonal Lumen Summary			Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens	% Fixture	Mounting Height	Initial FC Center Beam	Beam Diameter		Average Luminance
0°	4,525	0° - 30°	1,295	92%	6.0	125.7	3.1	0°	569,489
5°	4,140	0° - 40°	1,376	97%	8.0	70.7	4.2	45°	4,664
15°	2,088	0° - 60°	1,407	100%	10.0	45.3	5.2	55°	1,327
25°	590	0° - 90°	1,410	100%	12.0	31.4	6.3	65°	300
35°	95	90° - 180°	1	0%	14.0	23.1	7.3	75°	0
45°	26	0° - 180°	1,411	100%				85°	0
55°	6								
65°	1				Beam Angle: 29.3°				
75°	0				Field Angle: 58.8°				
85°	0								
90°	0								

ICO4WC 35/15 AR LSS 65D Input Watts: 15.1, Delivered Lumens: 1382, LPW: 91.5, S/MH: 0.98, Test No: ISF 192663P5564

CP Summary		Zonal Lumen Summary			Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens	% Fixture	Mounting Height	Initial FC Center Beam	Beam Diameter		Average Luminance
0°	1,280	0° - 30°	913	66%	6.0	35.6	7.5	0°	161,080
5°	1,270	0° - 40°	1,238	90%	8.0	20.0	10.0	45°	20,269
15°	1,231	0° - 60°	1,376	100%	10.0	12.8	12.5	55°	2,654
25°	946	0° - 90°	1,382	100%	12.0	8.9	15.0	65°	900
35°	471	90° - 180°	1	0%	14.0	6.5	17.5	75°	490
45°	114	0° - 180°	1,382	100%				85°	0
55°	12								
65°	3				Beam Angle: 64.1°				
75°	1				Field Angle: 96.1°				
85°	0								
90°	0								

Lumen Output Multiplier

CRI	CCT	Multiplier
80	2700K	0.916
	3000K	0.948
	3500K	1
	4000K	1.032
	5000K	1.1
90	2700K	0.748
	3000K	0.8
	3500K	0.838
	4000K	0.845
	5000K	0.945

Reflector Finish Multiplier

Reflector Finish	Multiplier
LS - Specular	1
LSS - Semi Specular	0.956
WR - White	0.87
LD - Matte Diffuse	0.85
BR - Black	0.73
BZR - Bronze	0.73

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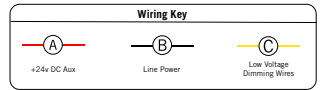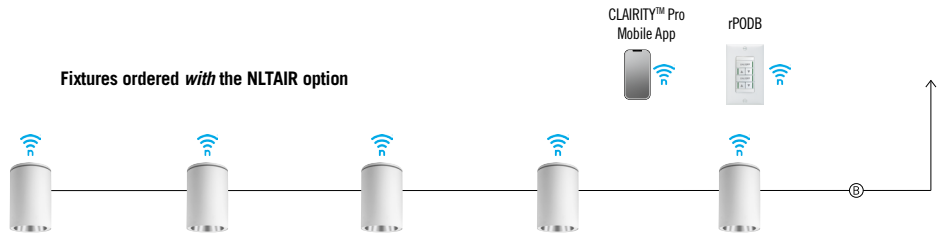**NLIGHT AIR**

Possibilites for nLight® AIR

nLight® AIR is the ideal solution for retrofit or new construction spaces where adding communication wiring is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each EVO Luminaire ordered with the NLTAIR option. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

Fixtures ordered *without* the NLTAIR option
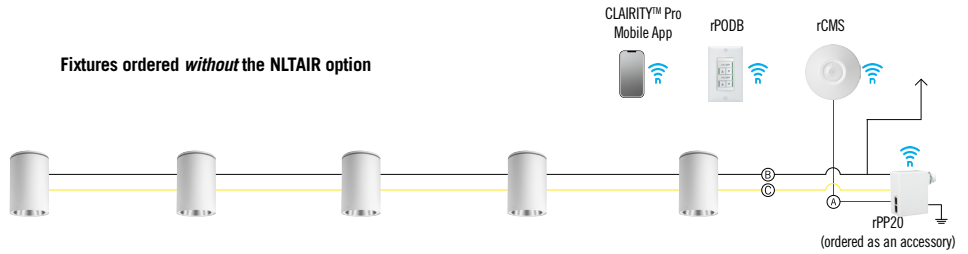
CLAIRITY™ Pro Mobile App   rPODB   rCMS

rPP20 (ordered as an accessory)

nLight® AIR Control Accessories
Order as separate catalog number. Visit nLight AIR.

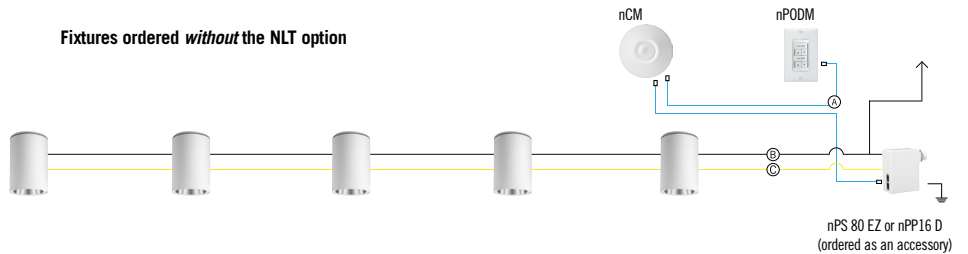| Wall Switches	Model Number
On/Off single pole	rPODB (color) G2
On/Off two pole	rPODB 2P (color) G2
On/Off & raise/lower single pole	rPODB DX (color) G2
On/Off & raise/lower two pole	rPODB 2P DX (color) G2

Fixtures ordered *with* the NLTAIR option

CLAIRITY™ Pro Mobile App   rPODB

nLight® AIR Control Accessories *(cont.)*

Occupancy Sensors (PIR/dual tech)	Model Number
Small motion 360°, ceiling	rCMS 9 / rCMS PDT 9
Large motion 360°, ceiling	rCMS 10 / rCMS PDT 10

Wiring Key		
A	B	C
+24v DC Aux	Line Power	Low Voltage Dimming Wires

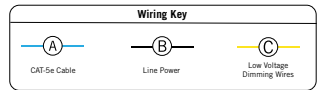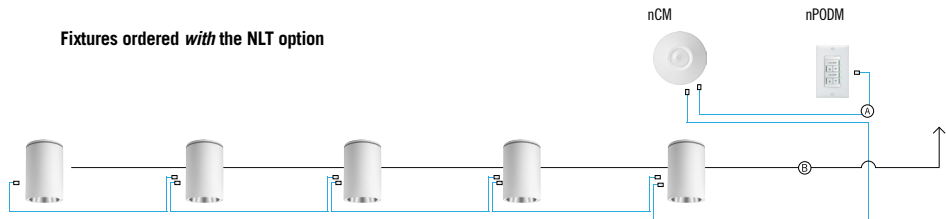**NLIGHT**

Possibilites for nLight® wired

nLight® Wired The nLight® solution is a digital networked lighting control system that provides both energy savings and increased user configurability by cost effectively integrating time-based, daylight-based, sensor-based and manual lighting control schemes.

Fixtures ordered *without* the NLT option

nCM   nPODM

nPS 80 EZ or nPP16 D (ordered as an accessory)

nLight® Wired Control Accessories
Order as separate catalog number. Visit nLight.

Wall Switches	Model Number
On/Off single pole	nPODM (XX)
On/Off two pole	nPODM 2P (XX)
On/Off & raise/lower single pole	nPOD DX (XX)
On/Off & raise/lower two pole	nPODM 2P DX (XX)
Graphic touchscreen	nPOD GFX (XX)
Photocell Controls	
Dimming	nCM ADCX

Fixtures ordered *with* the NLT option

nCM   nPODM

nLight® Wired Control Accessories *(cont.)*

Occupancy Sensors (PIR/dual tech)	Model Number
Small motion 360°, ceiling	nCM 9 / nCM PDT 9
Large motion 360°, ceiling	nCM 10 / nCM PDT 10
Wide View	nWV 16 / nWV PDT 16
Wall switch with raise/lower	nWSX LV DX / nWSX PDT LV DX
Cat-5 Cables (plenum rated)	
10', CAT5	CAT5 10FT J1
15', CAT5	CAT5 15FT J1

Wiring Key		
A	B	C
CAT-5e Cable	Line Power	Low Voltage Dimming Wires

gotham®