



General Illumination Wall Mount Cylinder with nTune

4"

Feature Set

- Tunable White solutions (2700K-6500K, 3000K-5000K) reproduce natural light patterns and colors, complement materials, and support productivity.
- WARMDIM® Range (3000K-1800K) for relaxing; warm and comfortable when dimmed
- Batwing distribution with feathered edges provides even illumination on horizontal and vertical surfaces
- 45° cutoff to source and source image
- Fixtures are damp location standard; wet location option (WL), covered ceiling, IP66 option available, covered ceiling not required.
- 70% lumen maintenance at 60,000 hours
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional
- Field configurable surface junction box conduit covers available
- 20 standard colors in textured and gloss finish; custom or RAL colors also available

Distribution



Superior Performance

Nominal	750	1000	1500	2000	2500	3000
Delivered	840	1012	1406	1872	2416	2878
Wattage	9	10	14	19	24	29
Lumens per Watt	92	97	100	101	100	98

*80 CRI, 3500K



Coordinated Apertures | Multiple Layers of Light



General Illumination Layer | EVO



High Center Beam Layer | Incito



EVO + Incito — Multiple Layers of Light

Core

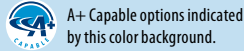


Healthcare



Special Applications





Luminaire Type:

Catalog Number:

EXAMPLE: EV04WC TUWH RHYP/30 AR MWD LSS MVOLT JBX DN ZT DWHG

Series		Dynamic Feature		Dynamic Range ¹		Lumens ²		Reflector Color	
EVO4WC	EVO 4in Wall Mount Round Cylinder Open Downlight	TUWH	Tunable White	PROR/	Productivity Range (3000K-5000K)	02	250 lumens	AR	Clear
						05	500 lumens		
						07	750 lumens		
						10	1000 lumens		
						15	1500 lumens		
						20	2000 lumens		
						25	2500 lumens		
						30	3000 lumens		
		WDIM	Warm Dimming	RHYP/	Rhythm Range (2700K-6500K)			PR	Pewter
				HALR/	Halogen Range (3000K-1800K)			WTR	Wheat
						WR ³	White painted		
						BR ³	Black		
						WRAMF ³	White anti-microbial		

Distribution		Reflector Finish		Voltage		Mounting		Fixture Orientation	
MD	Medium (0.9 s/mh)	LSS	Semi-specular	MVOLT	120V - 277V	JBX	Integral driver, Recessed or Surface J-box	DN	Mounted with reflector pointing down
MWD	Medium wide (1.0 s/mh)	LD	Matte diffuse	120	120V			UP ⁵	Mounted with reflector pointing up
WD	Wide (1.2 s/mh)	LS	Specular	277	277V				
				347 ⁴	347V				

Control Interface		Options		Architectural Colors - Powder Paint ⁸							
NLT ⁶	nLight nTune interface	SF	Single fuse. Specify 120V or 277V.	DDB	Gloss Dark Bronze	DDBT	Textured Dark Bronze	DBLB	Textured Black		
NLTER ⁶	nLight nTune interface with emergency circuit			90CRI	High CRI (90+)			DBL	Matte Black	DBLH	Textured White
ZT	0-10V dimming. Requires 2 controllers (one for intensity & one for CCT).			WL ⁷	Wet Location			DWH	Gloss White	DBNH	Textured Bronze
DALI	DALI logarithmic dimming to <1%.			IP66	Lensed, IP66 rated			DMB	Matte Medium Bronze	DNAT	Textured Natural Aluminum
								DNA	Gloss Natural Aluminum	DSST	Textured Sandstone
								DSS	Gloss Sandstone	DSPD	Textured Dark Grey
								DGC	Gloss Charcoal Grey	DSPE	Textured Green
								DTG	Gloss Tennis Green	DSPH	Textured Light Red
								DBR	Gloss Bright Red	DWHAMF	Gloss White with Anti-microbial finish
								DSB	Gloss Steel Blue		

ORDERING NOTES

- PROR and RHYP available only with TUWH. HALR available only with WDIM.
- Nominal lumen values when tested at 3500K.
- Not available with finishes.
- Factory supplied step down transformer must be remote mounted. Access required to location of remote mounted device.
- For indoor use, damp location only.
- TUWH + NLT/NLTER requires RGH mounting and power from nLight network bridge or nPS 80. WDIM + NLT/NLTER available factory installed with RGH; nLight field installed with other mounting types. Access required to location of remote mounted.
- Not available with UP option.
- For details on RAL and Custom colors please see Architectural colors.

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. 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

Tunable white nTune™ is an all-digital light color temperature control within an nLight enabled luminaire.

nTune™ allows color temperature settings through the Productivity Range of 3000K to 5000K or Rhythm Range of 2700K to 6500K.

Refer to nLight Programming User's Guide for instructions on customizing your application with SensorView™.

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 – 0.1% of rated lumen output with a smooth shut off function to step to 0%.

Construction

Heaving-gauge aluminum construction.

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

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

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 optional (WL).

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. 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.

- 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

Driver Default Dimming Curve			
Nomenclature	Min Dimming	Driver Dim Curve	Control Dim Curve
ZT	0.1%	Linear	Linear/Logarithmic
DALI	0.1%	Linear	Linear/Logarithmic

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

Distributions		
Nomenclature	Beam Angle	Field Angle
MD	54	82
MWD	67	89
WD	71	92

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	✓	✗

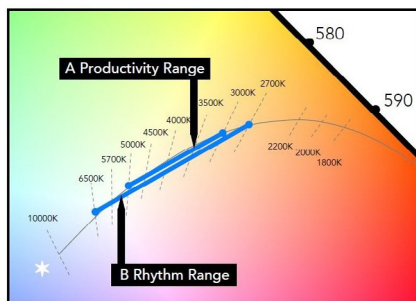
Distributions	
Distribution	Beam
MD	51
MWD	57
WD	73

Standard Architectural Color Options for Cylinder Bodies

 DSS LITHONIA P12 Sandstone	 DSST TEXTURED P90 Sandstone	 DBR LITHONIA P34 Bright Red	 DSPH TEXTURED P80 Light Red	 DMB LITHONIA P11 Medium Bronze	 DBNH TEXTURED P74 Bronze	 DTG LITHONIA P33 Tennis Green	 DSPE TEXTURED P78 Green
 DSB LITHONIA P49 Steel Blue	 DNA LITHONIA P07 Natural Aluminum	 DNAT TEXTURED P89 Natural Aluminum	 DGC LITHONIA P32 Charcoal Gray	 DSPD TEXTURED P77 Dark Grey	 DDB LITHONIA P50 Dark Bronze	 DDBT TEXTURED P88 Dark Bronze	 DBL LITHONIA P13 Black
 DBLB TEXTURED P75 Black	 DWH LITHONIA P21 White	 DWHG TEXTURED P86 White					

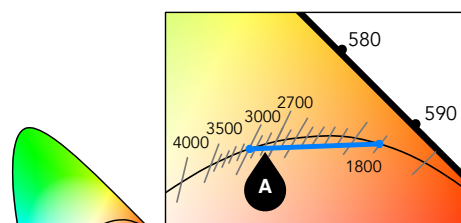
NOTE: These colors were carefully reproduced to give as true a depiction as possible of finished product color. Some colors, however, may vary slightly from actual appearance due to display/printing variations and limitations. Please always contact a Gotham representative for an accurate paint chip sample.

MAINSTREAM DYNAMIC TUNABLE WHITE WITH NTUNE TECHNOLOGY



A Productivity Range 3000K to 5000K

B Rhythm Range 2700K to 6500K



A Halogen Range 3000K to 1800K

Tunable white nTune™ is an all digital light color temperature control within an nLight enabled luminaire. This brings tunable white lighting control into the mainstream with repeatable, consistent results in an economical luminaire form and system already familiar to schools. Designers and facility operators are granted the freedom to tie scenes to specific activities or to complement colors or materials within a visual environment. nTune™ allows color temperature settings through the Productivity Range of 3000K to 5000K or Rhythm Range of 2700K to 6500K. Refer to nLight Programming User's Guide for instructions on customizing to your application with SensorView™.

TUNABLE WHITE GPHD

Gamut: One dimensional warm-Cool

Path: Direct 3000K to 5000K (Productivity Range) or 2700K to 6500K (Rhythm Range)

Handle: Two Natural Language Handles: Intensity and CCT

Data: nLight with nTune technology for both handles of control

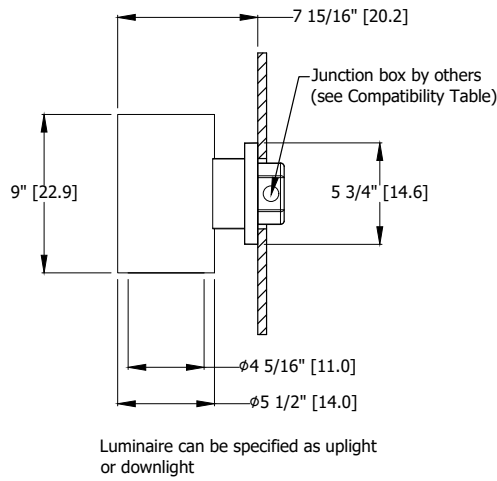
How to Estimate Delivered Lumens in Emergency Mode

$$\text{Delivered Lumens} = 1.25 \times P \times \text{LPW}$$

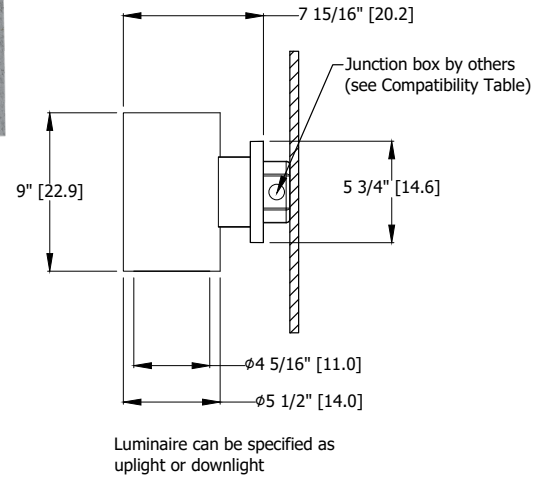
P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

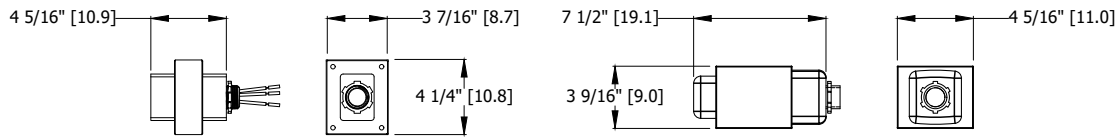
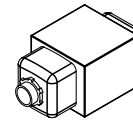
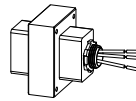
JBX Recessed J-Box



JBX Surface J-Box



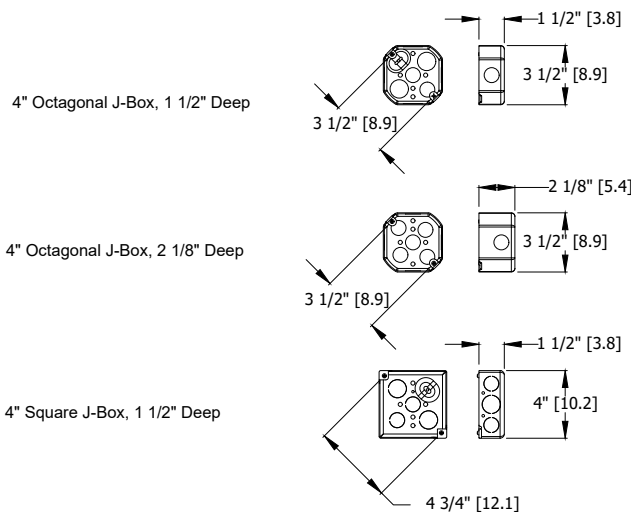
347V Stepdown Transformer



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

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

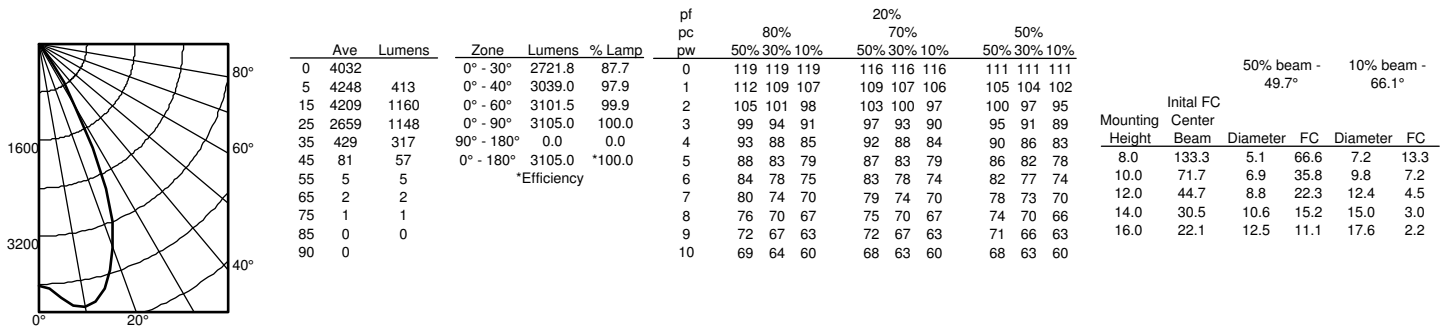
Junction Box Dimensions (by others)



*Dimensions in inches [centimeters]

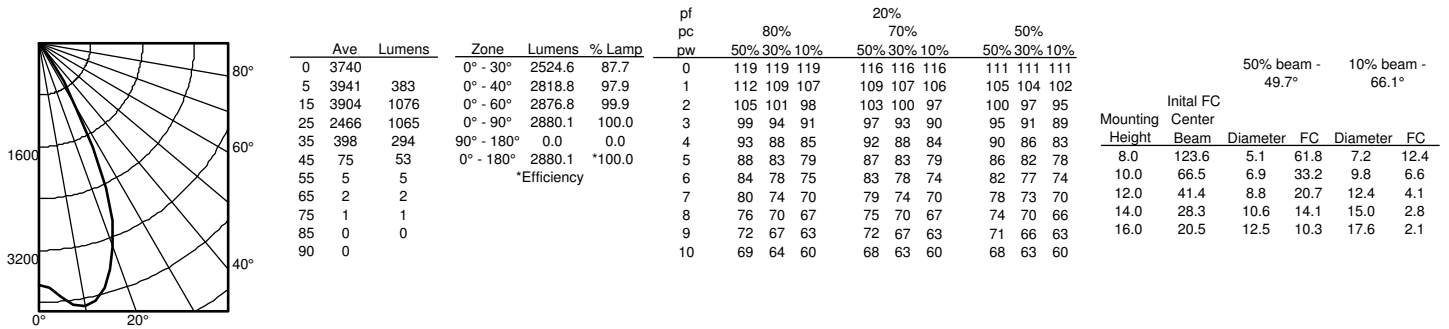
EV04 TUWH RHYR /30 4AR LS CRI80 2700K

INPUT WATTS: 29.3, DELIVERED LUMENS: 3105, LM/W=105.9 , 0.80 S/MH, TEST NO. 19-032-01P61



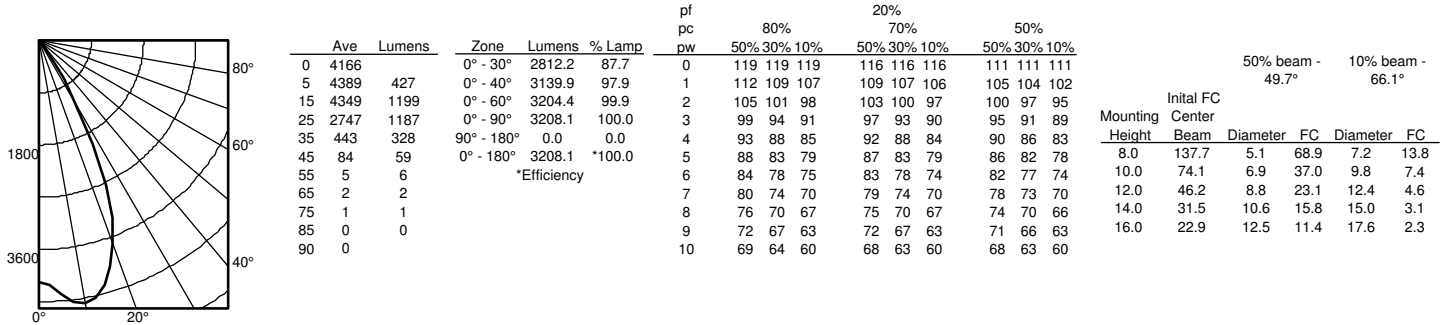
EV04 TUWH RHYR /30 4AR LS CRI80 3500K

INPUT WATTS: 29.3, DELIVERED LUMENS: 2880, LM/W=98.3 , 0.80S S/MH, TEST NO. 19-032-01P63



EV04 TUWH RHYR /30 4AR LS CRI80 6500K

INPUT WATTS: 29.3, DELIVERED LUMENS: 3208, LM/W=109.5 , 0.80 S/MH, TEST NO. 19-032-01P61



nLight® 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.

nLight® Wired Control Accessories

Order as separate catalog number. Visit nLight.com.

Wall Switches

	Model Number
On/Off single pole	nPODM (color)
On/Off two pole	nPODM 2P (color)
On/Off & raise/lower single pole	nPOD DX (color)
On/Off & raise/lower two pole	nPODM 2P DX (color)
Graphic touchscreen	nPOD GFX (color)

Photocell Controls

Dimming	nCM ADCX
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nLight® Wired Control Accessories (cont.)

Occupancy Sensors (PIR/dual tech)

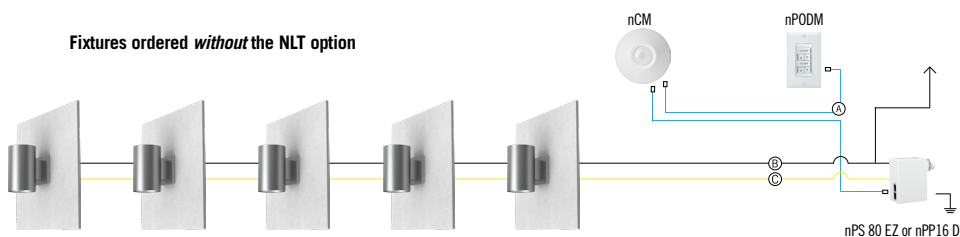
	Model Number
Small motion 360°, ceiling	nCM 9 / nCM PDT 9
Large motion 360°, ceiling	nCM 10 / nCM PDT 10
Wide View	nWV 16 / nWV PDT 16
Wall switch with raise/lower	nWSX LV DX / nWSX PDT LV DX

Cat-5 Cables (plenum rated)

10', CAT5	CAT5 10FT J1
15', CAT5	CAT5 15FT J1

Possibilities for nLight® wired

Fixtures ordered *without* the NLT option



Fixtures ordered *with* the NLT option

