



Slot Trim (SLT)



Bevel Trim (BVL)

Gotham Architectural Downlighting  
LED Downlights

## MYO™ Uniform 1, 2 & 3-Head Recessed Multiple Series

Solid-State Lighting  
(US and International Patents Pending)



### FEATURES

#### OPTICAL SYSTEM:

- Superior 100% virgin silicone refractive optic enables maximum dimensional stability and optical transmission with no discoloration over life.
- Primary control of distribution occurs in refractive optic allowing for aesthetic versatility with trim color and finish.
- Eleven field-interchangeable optics plus wallwash accessory allow designers to achieve tailored lighting effects.
- Optical Baffle (U.S. Patent Number D851,326S) utilizes Bounding Ray optical design to minimize flash and provide even illuminance and appearance.

#### MECHANICAL SYSTEM:

- Matte black enclosure ensures seamless integration into architecture.
- Vertical hot aiming tilt with indicator up to 40° and 365° of horizontal rotation possible from below ceiling.
- Accommodates 3/8" to 5/8" thick ceilings.
- Install from below architecture standard (Non-IC Only).
- Additional mounting options available including Structural Reinforcement Pan, Chicago Plenum, and Type IC.
- Standard ambient operating temperature: 25 °C.
- Light engine and driver are accessible from above or below ceiling.
- Choice of three Trim Types: Slot, Bevel or Flangeless Bevel. Flange is 3/8" wide and only 1/16" thick for minimalistic appearance.
- Flangeless trim option includes proprietary Gotham mud ring, enabling seamless integration into drywall applications. Mud ring ships separately.

#### ELECTRICAL SYSTEM:

- Solid-state LED light engine available in 2700K, 3000K, 3500K or 4000K color temperatures. Standard CRI: 80 typical. High 90+ CRI option available.
- Rated system life of >60,000 hours at 70% output.
- 120V TRIAC or ELV dimming and 0-10V dimming standard.
- Each Light Engine head can be gang or independently controlled.
- Luminaire accepts parallel and branch circuit control wiring.
- 2.5-Step MacAdam Ellipse Color Consistency.

#### LISTING

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

#### BUY AMERICAN ACT

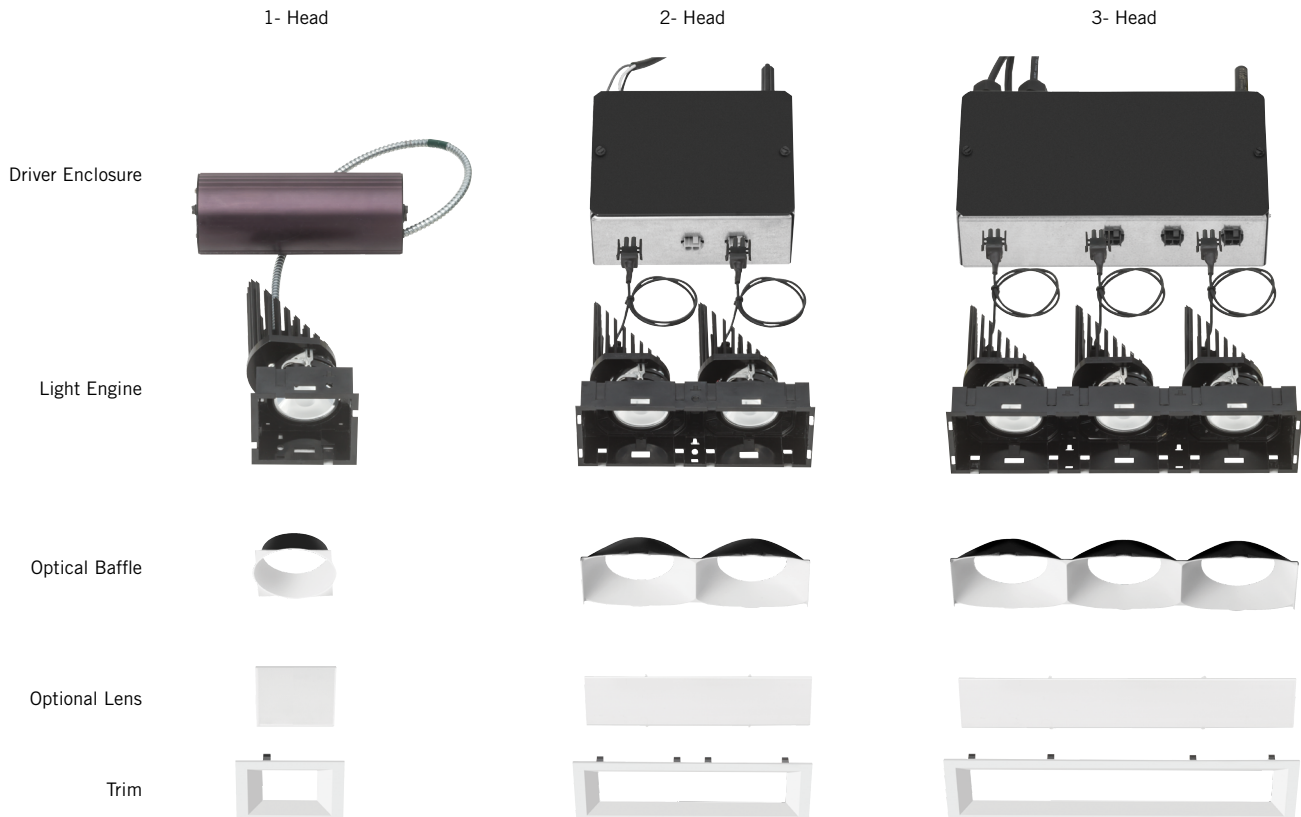
- This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

#### 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](http://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.



**ORDERING INFORMATION**

**EXAMPLE: MYO 1X 27K 1000LM 45D BSG BVL TRW MVOLT UGZ NCH**

Light Engine					Baffle	
Series	# of Sources	Color Temperature	Nominal Lumens per Head	Distribution		Baffle Color
<b>MYO</b>	<b>1X</b> 1-Head	<b>27K</b> 2700K	<b>500LM</b> 500 Lumens	<b>15D</b>	15° beam angle	<b>BBL</b> Black
	<b>2X</b> 2-Head	<b>30K</b> 3000K	<b>750LM</b> 750 Lumens	<b>20D</b>	20° beam angle	<b>BWH</b> White
	<b>3X</b> 3-Head	<b>35K</b> 3500K	<b>1000LM</b> 1000 Lumens	<b>25D</b>	25° beam angle	<b>BSG</b> Shale Grey
		<b>40K</b> 4000K	<b>1500LM<sup>1</sup></b> 1500 Lumens	<b>30D</b>	30° beam angle	<b>BWS</b> Weathered Sandstone
				<b>35D</b>	35° beam angle	<b>BRR</b> Razed Ruby
				<b>40D</b>	40° beam angle	<b>BAZ</b> Azurite
				<b>45D</b>	45° beam angle	<b>BMD</b> Moon Dust
				<b>3515D</b>	Elliptical 35° x 15° beam angle	<b>BAP</b> Atlantis Pearl
				<b>5020D</b>	Elliptical 50° x 20° beam angle	<b>BMP</b> Mercury Pool
				<b>5060D</b>	Elliptical 50° x 60° beam angle	<b>BIO</b> Iron Ore
				<b>6070D</b>	Elliptical 60° x 70° beam angle	<b>BAC</b> Aztec Copper
				<b>WWD<sup>2</sup></b>	Wallwash distribution	<b>RAL COLOR</b> Consult Factory

Trim				Voltage		Driver		Options	
Trim Style	Trim Color	Flange Style	Lensing	Voltage		Driver		Options	
<b>BVL</b> Bevel Edge	<b>TRBL</b> Black <b>TRW</b> White	<b>(BLANK)</b> Flanged <b>FL<sup>5</sup></b> Flangeless	<b>(BLANK)</b> Open <b>TDL<sup>5</sup></b> Textured Diffusing Lens	<b>MVOLT</b> 120V - 277V <b>120</b> 120V <b>277</b> 277V	<b>UGZ<sup>7</sup></b> Universal dimming matching eldoLED linear dim curve and specifications to 1% (0-10V or 120V phase-cut)	<b>SF<sup>6</sup></b> Single Fuse <b>CR190</b> High CRI (90+) <b>ICAT<sup>1,6</sup></b> IC/Airtight housing construction <b>NCH<sup>10</sup></b> Structural Reinforcement Pan <b>CP<sup>1</sup></b> Chicago Plenum			
<b>SLT<sup>3,4</sup></b> Slot									

ACCESSORIES order as separate catalog numbers (shipped separately)

<b>OPTC2 15D<sup>11,12</sup></b>	15° beam angle	<b>OPTC2 KITMYO</b>	Kit including a field interchangeable optic for each of the 11 preset beam distribution patterns
<b>OPTC2 20D<sup>11,12</sup></b>	20° beam angle	<b>OPTC2 WWV<sup>11,12</sup></b>	Wallwash with white exterior (does not include 30D refractor)
<b>OPTC2 25D<sup>11,12</sup></b>	25° beam angle	<b>OPTC2 WWB<sup>11,12</sup></b>	Wallwash with black exterior (does not include 30D refractor)
<b>OPTC2 30D<sup>11,12</sup></b>	30° beam angle	<b>OPTC2 SNTW<sup>11,12</sup></b>	White Snoot with black interior
<b>OPTC2 35D<sup>11,12</sup></b>	35° beam angle	<b>OPTC2 SNTB<sup>11,12</sup></b>	Black Snoot with black interior
<b>OPTC2 40D<sup>11,12</sup></b>	40° beam angle	<b>OPTC2 HEXL<sup>11,12</sup></b>	Hex Louver
<b>OPTC2 45D<sup>11,12</sup></b>	45° beam angle	<b>OPTC2 KITACC</b>	Accessory kit includes black and white finish for all: snoot, wall wash, hex louver
<b>OPTC2 3515D<sup>11,12</sup></b>	Elliptical 35° x 15° beam angle	<b>SDT 347/120 75VA AD<sup>13</sup></b>	347V Step-down transformer - use with all 1-light, 2-light, and 3-light with cumulative wattage under 75W
<b>OPTC2 5020D<sup>11,12</sup></b>	Elliptical 50° x 20° beam angle	<b>SDT 347/277/120 395VA AD<sup>13</sup></b>	347V Step-down transformer - use with all 3-light, 1500 lumen per head configurations
<b>OPTC2 5060D<sup>11,12</sup></b>	Elliptical 50° x 60° beam angle	<b>AW50</b>	0.050" Allen Wrench for adjustability (tilt & rotation)
<b>OPTC2 6070D<sup>11,12</sup></b>	Elliptical 60° x 70° beam angle	<b>NPP16D<sup>6,8,9</sup></b>	nLight module

**ORDERING NOTES**

- 1500 lumens not available in ICAT or CP.
- Includes 30D refractor optic; must be aimed in the field. Color matches trim.
- Not available with lensing option.
- Not available in flangeless.
- Not available with slot trim.
- Not valid with MVOLT, must specify 120 or 277 in Voltage field.
- Refer to TECH SHEET 240 for full list of recommended compatible dimmers. Control system electrical load, and protocol may limit minimum dim level.
- Device must be remote mounted. Will not be factory installed. Access required to location of remote mounted device.
- Order one accessory per head for individual head control. See Control Sequence for control option examples.
- NCH is required for T-grid ceilings or where code prohibits resting the driver box on the ceiling.
- Optics shipped with additional capture rings to retain optic.
- Order one accessory per head as required.
- Available for gang control only. Consult factory for individual head control.

**TRIM STYLE**



Slot (SLT)<sup>3,4</sup>



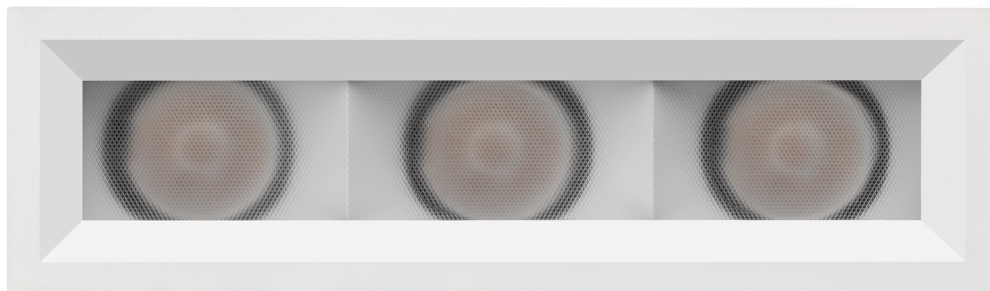
Bevel Edge (BVL)

**FLANGE STYLE**



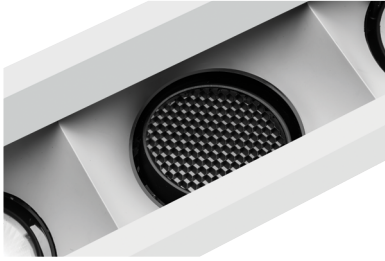
Bevel - Flangeless (FL)

**LENSING**

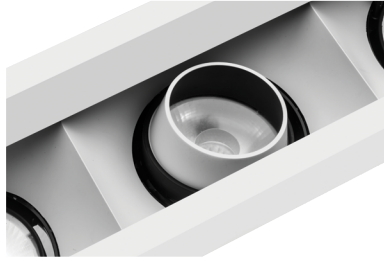


Bevel - Textured Diffusing Lens (TDL)

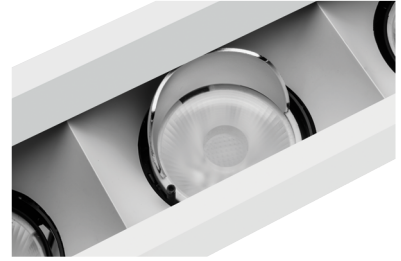
**ACCESSORIES**



Hex Louvre (HEXL)



Snoot (SNTW)



Wallwash (WWW)

**BAFFLE COLORS**

**SOLID FINISH**



Black (BBL)



White (BWH)



Moon Dust (BMD)



Shale Grey (BSG)



Weathered Sandstone (BWS)



Azurite (BAZ)



Razed Ruby (BRR)

**METALLIC FINISH**



Aztec Copper (BAC)



Mercury Pool (BMP)



Iron Ore (BIO)

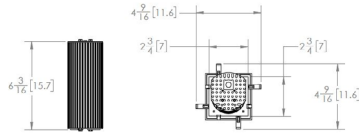


Atlantic Pearl (BAP)

**DIMENSIONAL DATA**

All dimensions are inches (centimeters) unless otherwise noted.

**1-Head**



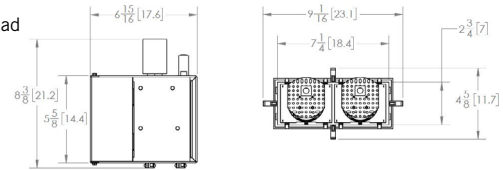
TOP VIEW



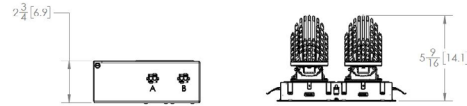
SIDE VIEW

Bevel Aperture: 1 5/8 X 1 5/8  
 Slot Aperture: 1 1/2 X 1 1/2  
 Flange: 3 1/4 X 3 1/4

**2-Head**



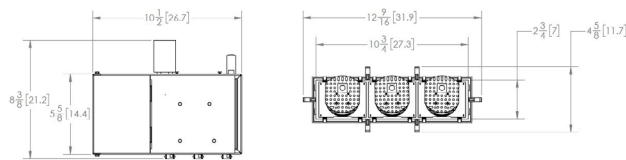
TOP VIEW



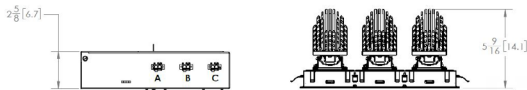
SIDE VIEW

Bevel Aperture: 6 1/8 X 1 5/8  
 Slot Aperture: 6 1/4 X 1 1/2  
 Flange: 7 3/4 X 3 1/4

**3-Head**



TOP VIEW



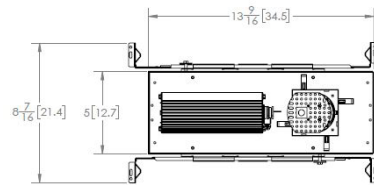
SIDE VIEW

Bevel Aperture: 9 5/8 X 1 5/8  
 Slot Aperture: 9 3/4 X 1 1/2  
 Flange: 11 1/4 X 3 1/4

**DIMENSIONAL DATA**

All dimensions are inches (centimeters) unless otherwise noted.

**1-HEAD - STRUCTURAL REINFORCEMENT PAN**

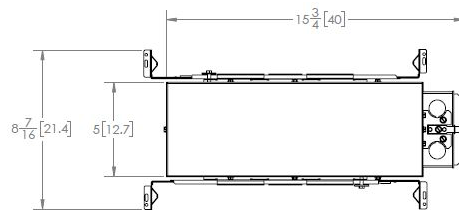


TOP VIEW

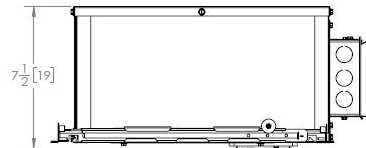


SIDE VIEW

**1-HEAD - IC/AIRTIGHT HOUSING AND CHICAGO PLENUM CONSTRUCTION**



TOP VIEW

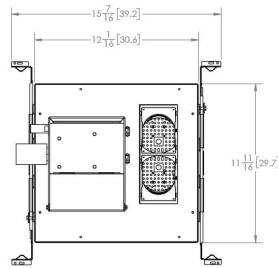


SIDE VIEW

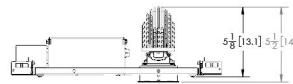
**DIMENSIONAL DATA**

All dimensions are inches (centimeters) unless otherwise noted.

**2-HEAD - STRUCTURAL REINFORCEMENT PAN**

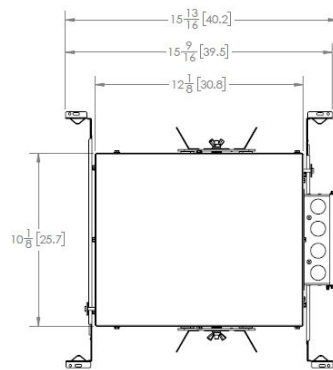


TOP VIEW

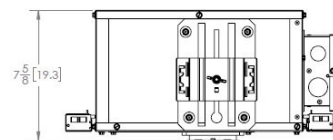


SIDE VIEW

**2-HEAD - IC/AIRTIGHT HOUSING AND CHICAGO PLENUM CONSTRUCTION**



TOP VIEW

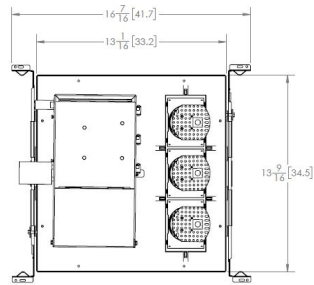


SIDE VIEW

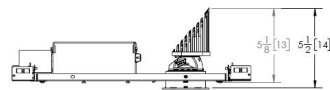
**DIMENSIONAL DATA**

All dimensions are inches (centimeters) unless otherwise noted.

**3-HEAD - STRUCTURAL REINFORCEMENT PAN**

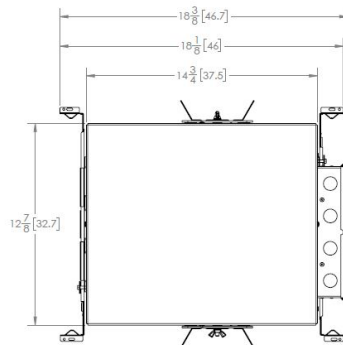


TOP VIEW

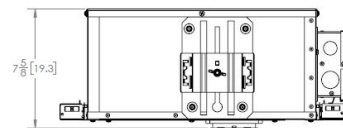


SIDE VIEW

**3-HEAD - IC/AIRTIGHT HOUSING AND CHICAGO PLENUM CONSTRUCTION**



TOP VIEW



SIDE VIEW



**WATTAGE CONSUMPTION MATRIX**

1X		2X				3X				
LUMENS	NON-IC/IC WATTAGE	HEAD 1 LUMENS	HEAD 2 LUMENS	NON-IC WATTAGE	IC WATTAGE	HEAD 1 LUMENS	HEAD 2 LUMENS	HEAD 3 LUMENS	NON-IC WATTAGE	IC WATTAGE
500	7	500	500	15.7	12.64	500	500	500	22	18.94
750	10	750	750	22.1	19.04	750	750	750	31.6	28.54
1000	14	1000	1000	31.1	28.04	1000	1000	1000	45.1	42.04
1500	25	1500	1500	52.1	49.04	1500	1500	1500	76.6	73.54

**FCC CLASSIFICATION FOR RESIDENTIAL INSTALLATION**

NOMINAL LUMENS PER HEAD	IFB (STANDARD OPTION)	NCH	ICAT	CP
500LM	SUITABLE	SUITABLE	SUITABLE	SUITABLE
750LM	SUITABLE	SUITABLE	SUITABLE	SUITABLE
1000LM	NOT SUITABLE	NOT SUITABLE	SUITABLE	SUITABLE
1500LM	NOT SUITABLE	NOT SUITABLE	N/A	N/A

1-HEAD MARKED SPACING IN INCHES 25°C AMBIENT			
LUMEN PACKAGE	Fixed Center to Center MIN	Fixture Center to Building Member MIN	Space Above Fixture
500-1000	None	None	None
1500	18	9	8































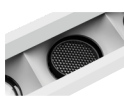











2-HEAD MARKED SPACING IN INCHES 25°C AMBIENT			
TOTAL LUMEN PACKAGE (ADD EACH HEAD)	Fixed Center to Center MIN	Fixture Center to Building Member MIN	Space Above Fixture
1000-2000	None	None	None
over 2000	18	9	12

3-HEAD MARKED SPACING IN INCHES 25°C AMBIENT			
TOTAL LUMEN PACKAGE (ADD EACH HEAD)	Fixed Center to Center MIN	Fixture Center to Building Member MIN	Space Above Fixture
1500-3000	None	None	None
over 3000	18	9	12

**PHOTOMETRY - IES FILE CREATION**

Use this process to adapt a Base MYO IES to your specific application needs. This process takes into account lumens, CCT, CRI, tilt angles, and trim styles.

See Gotham MYO Photometry/Design Tools page for Base IES files




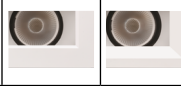
<p><b>Step ONE</b></p>	<p>Select a Base IES File that suits your application needs. The Base IES file will have a scaling multiplier value of 1.0 as a starting point for your calculations in the following steps.</p>		<p><b>Symmetrical Beam at 0° tilt</b></p>								<p><b>Asymmetrical Beam at 0° tilt</b></p>			
			<p>BASE MYO 15D @ 0 tilt = 1.0</p> 	<p>BASE MYO 20D @ 0 tilt = 1.0</p> 	<p>BASE MYO 25D @ 0 tilt = 1.0</p> 	<p>BASE MYO 30D @ 0 tilt = 1.0</p> 	<p>BASE MYO 35D @ 0 tilt = 1.0</p> 	<p>BASE MYO 40D @ 0 tilt = 1.0</p> 	<p>BASE MYO 45D @ 0 tilt = 1.0</p> 	<p>BASE MYO 3515D @ 0 tilt = 1.0</p> 	<p>BASE MYO 5020D @ 0 tilt = 1.0</p> 	<p>BASE MYO 5060D @ 0 tilt = 1.0</p> 	<p>BASE MYO 6070D 0deg tilt = 1.0</p> 	
			<p><b>Symmetrical Beam at 30° tilt and parallel (PARL) within the fixture</b></p>											
			<p>BASE MYO 15D @ 30 tilt PARL = 1.0</p> 	<p>BASE MYO 20D @ 30 tilt PARL = 1.0</p> 	<p>BASE MYO 25D @ 30 tilt PARL = 1.0</p> 	<p>BASE MYO 30D @ 30 tilt PARL = 1.0</p> 	<p>BASE MYO 35D @ 30 tilt PARL = 1.0</p> 	<p>BASE MYO 40D @ 30 tilt PARL = 1.0</p> 	<p>BASE MYO 45D @ 30 tilt PARL = 1.0</p> 					
			<p><b>Symmetrical Beam at 30° tilt and perpendicular (PERP) within the fixture or MYO 1-head tilted or aimed towards the side or end of the fixture</b></p>											
			<p>BASE MYO 15D @ 30 tilt PERP = 1.0</p> 	<p>BASE MYO 20D @ 30 tilt PERP = 1.0</p> 	<p>BASE MYO 25D @ 30 tilt PERP = 1.0</p> 	<p>BASE MYO 30D @ 30 tilt PERP = 1.0</p> 	<p>BASE MYO 35D @ 30 tilt PERP = 1.0</p> 	<p>BASE MYO 40D @ 30 tilt PERP = 1.0</p> 	<p>BASE MYO 45D @ 30 tilt PERP = 1.0</p> 					
			<p><b>Beam Shaping Options at 0° tilt</b></p>											
			<p>BASE MYO Snoot 15D @ 0 tilt = 1.0</p> 	<p>BASE MYO Snoot 20D @ 0 tilt = 1.0</p> 	<p>BASE MYO Snoot 25D @ 0 tilt = 1.0</p> 	<p>BASE MYO Snoot 30D @ 0 tilt = 1.0</p> 								
			<p>BASE MYO Hex Louver 15D @ 0 tilt = 1.0</p> 	<p>BASE MYO Hex Louver 20D @ 0 tilt = 1.0</p> 	<p>BASE MYO Hex Louver 25D @ 0 tilt = 1.0</p> 	<p>BASE MYO Hex Louver 30D @ 0 tilt = 1.0</p> 								
			<p>BASE MYO Lens 15D @ 0 tilt = 1.0</p> 	<p>BASE MYO Lens 20D @ 0 tilt = 1.0</p> 	<p>BASE MYO Lens 25D @ 0 tilt = 1.0</p> 	<p>BASE MYO Lens 30D @ 0 tilt = 1.0</p> 	<p>BASE MYO Lens 35D @ 0 tilt = 1.0</p> 	<p>BASE MYO Lens 40D @ 0 tilt = 1.0</p> 	<p>BASE MYO Lens 45D @ 0 tilt = 1.0</p> 	<p>Cannot use Base Lens files with Slot multiplier on following page</p>				
<p>BASE MYO Wallwash @ 0 tilt = 1.0</p> 	<p>Wallwash is optimal @ 0 tilt</p>													

Continued next page.

**PHOTOMETRY - IES FILE CREATION** (continued)

Use this process to adapt a Base MYO IES to your specific application needs. This process takes into account lumens, CCT, CRI, tilt angles, and trim styles.

See Gotham MYO Photometry/Design Tools page for Base IES files

										Example: BASE MYO 25° with 1500lm, 27K, 80CRI, and Bevel trim	
				Options and Multipliers						BASE MYO 25D @ 0 tilt	Starting Point = 1.0
<b>Multipliers</b>	<b>Step TWO</b>	Choose Lumen package to get lumen multiplier		500lm = 0.50	750lm = 0.74	1000lm = 1.0	1500lm = 1.52	→	Then, multiply starting point (1.0), from Step One, by lumen multiplier	1500lm = 1.52	1.0 x 1.52 = 1.52
	<b>Step THREE</b>	Choose CCT to get lumen multiplier		27K = 0.90	30K = 0.95	35K = 1.0	40K = 1.07	→	Then, multiply result from Step Two by CCT multiplier	27K = 0.90	1.52 x 0.90 = 1.37
	<b>Step FOUR</b>	Choose CRI to get lumen multiplier		80 = 1.0	90 = 0.85	→		→	Then, multiply result from Step Three by CRI multiplier	80 = 1.0	1.37 x 1.0 = 1.37
	<b>Step FIVE</b>	Choose Trim Style to get lumen multiplier		Slot* = 0.94	Bevel = 1.0	→		→	Then, multiply result from Step Four by Trim Style multiplier	Bevel = 1.0	1.37 x 1.0 = 1.37
	<b>Final Multiplier</b>	Completing Step Five will give you your final lumen multiplier	→					→	Enter your final multiplier into your VISUAL software, once you have uploaded the Base IES file into VISUAL		1.37

Once the lumen multiplier is entered into the Base IES file in VISUAL, rotate and tilt\* each adjustable head to the desired direction.

REMINDER: This process is PER HEAD.  
 For the MYO Uniform, the SAME Base MYO IES file and final multiplier are used for each head.

Disclaimer: Tilting within any lighting calculation software may not accurately represent the end results from tilting in the field.

\*Slot trim not available with Lens option.

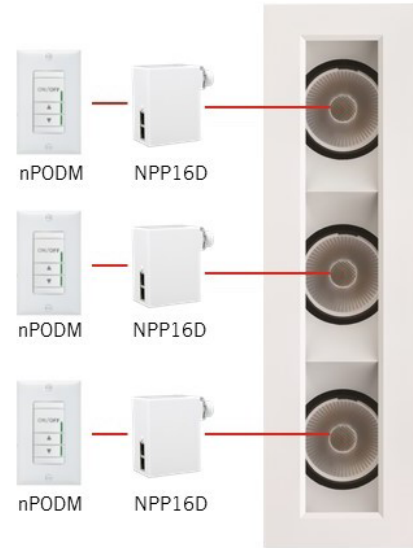
**CONTROL SEQUENCE**

GANG CONTROL OR INDIVIDUALLY ADDRESS EACH HEAD

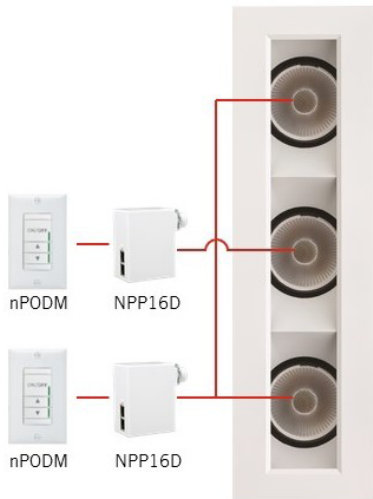
Electrical terminal jumpers allow for configurability in the field to meet any control need.



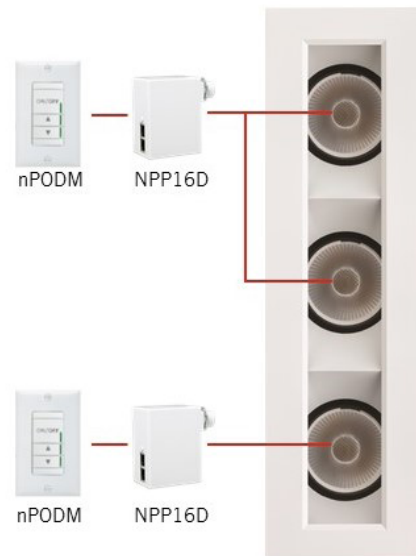
**Gang control**



**Individual control**



**Gang + Individual control**

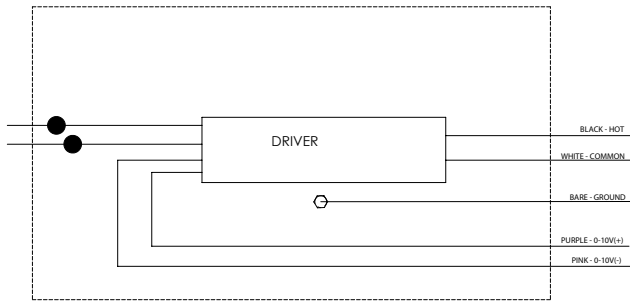


**Gang + Individual control**

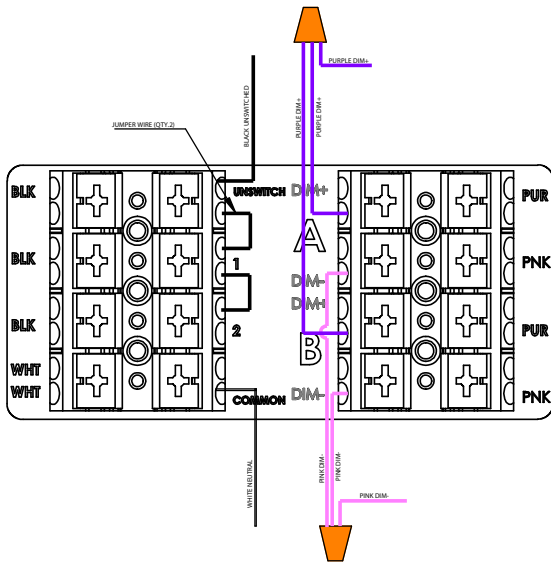
If using nLight devices, order one nLight module (NPP16D) per circuit as required.  
Example: Gang control - only one nLight module is needed; (2) circuits - requires (2) nLight modules

WIRING DIAGRAMS

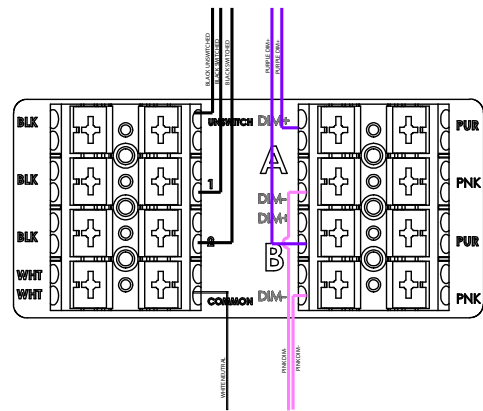
1-Head



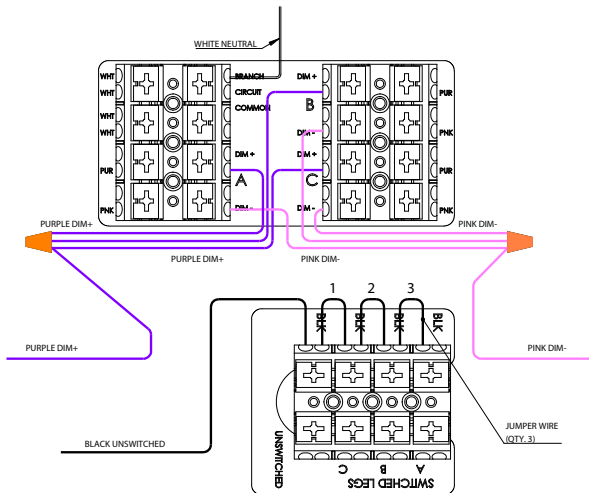
2-Head - Controlled as 1-unit



2-Head - Individual Control (Phase cut or 0-10V Dimming)



3-Head - Controlled as 1-unit



3-Head - Individual Control (Phase cut or 0-10V Dimming)

