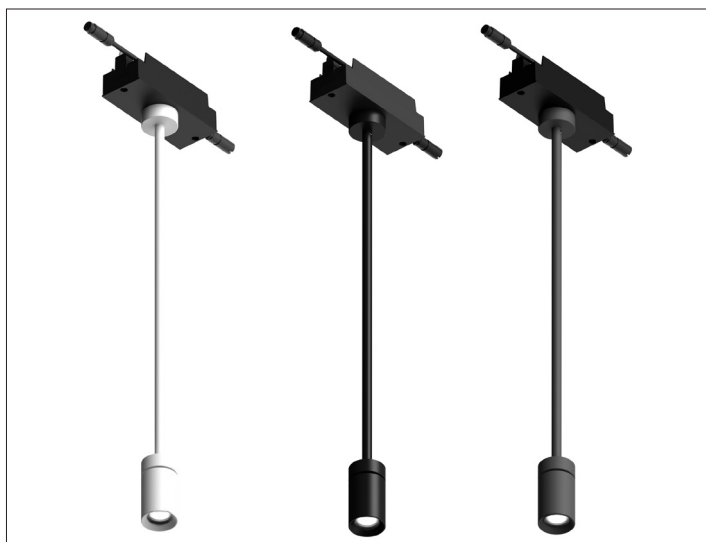
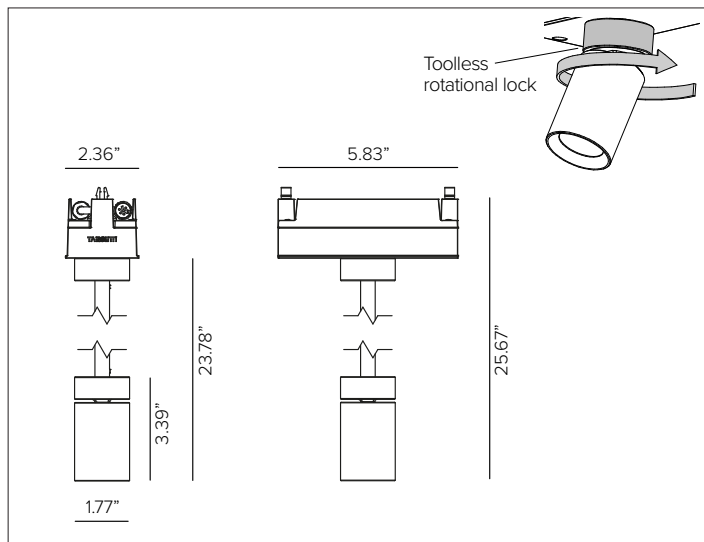


# IVY SUSPENDED

## Rigid Stem Mounted Adjustable LED Light Module



IVY Suspended Cylinder in Plaster White / Black Anodized / Ferrite finishes.



### CONCEPT

Professional adjustable suspended low voltage cylinder projector luminaire for indoor/outdoor modular light system allowing for maximum application flexibility. Designed in collaboration with Stefano Boeri Interiors as product design consultant.

### MECHANICAL CHARACTERISTICS

<b>Dimensions</b>	Ø 1.77" Dia.
<b>Materials</b>	Aluminum CNC machined cylindrical body and joints protected with 15µ black anodization. Tempered extra clear front glass and rigid stem support.
<b>Finish</b>	<input type="radio"/> Plaster White <input checked="" type="radio"/> Black Anodized <input type="radio"/> Ferrite Grey
<b>Power Connection</b>	Fixtures are manufactured complete with IN/OUT connections with micro male/female IP65 connectors. System interconnections require IVY jumper cable connections, see available options.
<b>Functionality</b>	Optical unit adjusts 90° on the vertical plane and 355° on the horizontal plane with toolless mechanical rotation locking system and friction aiming.
<b>Mounting</b>	Fast fixture installation using anodized aluminum clips into profile. Fixture positioning along profile with mechanical locking using hex 3mm key.
<b>Weight</b>	117lbs
<b>Protection</b>	IP65

### CERTIFICATIONS

cULus Class 2 Listed.  
Tested in accordance with LM-79-08.  
Compliant with California energy regulations.  
RoHS3 EU 215/863

### WARRANTY

5 year limited warranty.

### SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

### ELECTRICAL CHARACTERISTICS

<b>Power Supply</b>	Remote power supply options available.
<b>Wattage</b>	7W
<b>Voltage</b>	24V DC
<b>Control</b>	0-10V wireless control from integral power feed/dimming control box for group fixture dimming control OR wireless bluetooth control through Casambi app interface for individual fixture dimming control. Refer to <a href="#">Targetti LMS (Light Management System)</a> for detailed information. Product dimming control requires factory setup of fixture zone identification prior to shipment. Project layout drawings required.

### SOURCE

LED Engine made of linear LED boards.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	90	92	99	3
	3000K	90	92	101	3
	3500K	90	91	100	3
	4000K	90	90	98	3

### OPTIC

Optic equipped with an acrylic collimator lens and holographic diffusive lens.

Beam	SP 21°	FL 37°	WFL 53°
<b>Delivered Lumens</b>	<b>2700K</b> 535Lm <b>3000K</b> 565Lm <b>3500K</b> 589Lm <b>4000K</b> 612Lm	579Lm 623Lm 643Lm 662Lm	490Lm 528Lm 544Lm 560Lm
<b>Efficacy</b>	100Lm/W max. Refer to photometric graphs for specific values.		
<b>Lifetime</b>	L91/B10 >30,000hrs at max TA +25°C L88/B10 >50,000hrs at max TA +25°C L84/B10 >80,000hrs at max TA +25°C L81/B10 >100,000hrs at max TA +25°C		
<b>Photobiological Classification</b>	Low risk photobiological safety RG1		

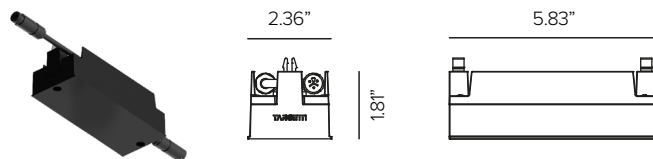
# IVY SUSPENDED

## SPECIFICATION INFORMATION

IV										
1	2	3	4	5	6	7	8	9	10	11
Ex: IVSUPWLISP30 / PS050						REQUIRED	OPTIONAL	REQUIRED	OPTIONAL	REQUIRED
1 - PRODUCT CODE		2 - TYPE		4 - FINISH		5 - WATTAGE		6 - OPTICS		7 - KELVIN
IV — IVY		SU — Suspended		PW — Plaster White		L1 — 7W		SP — SP 21°		27 — 2700K
				BA — Black Anodized				FL — FL 37°		30 — 3000K
				FE — Ferrite Dark Grey				WF — WFL 53°		35 — 3500K
										40 — 4000K
7 - POWER FEED / CONTROL BOX		8 - ELECTRICAL		9 - POWER SUPPLY		10 - CONTROLLER		11 - PROFILE		
<u>0-10V Dimming Control Box</u> See section for details <u>Bluetooth Casambi Control Box</u> See section for details		<u>Jumper Connection Cable</u> See section for details		<u>Power Supply</u> See section for details		<u>Casambi Xpress Remote Controller</u> See section for details		REQUIRED See IVY PROFILE spec sheet for specification information. <u>SURFACE</u> or <u>RECESSED</u> .		

# IVY SUSPENDED

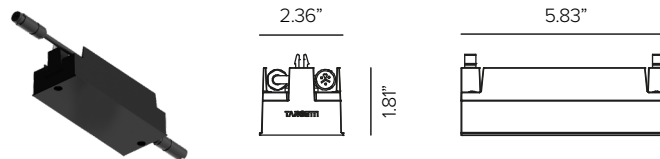
## 7 – POWER FEED / CONTROL BOX (REQUIRED)



IVY 0-10V power feed and dimming control box, for group fixture control.

Finish

Part No. **1US418010**



IVY wireless bluetooth Casambi power feed and dimming control box, for individual fixture control

Finish

Part No. **1US4180CA**

## 8 – ELECTRICAL (OPTIONAL DEPENDANT ON FIXTURE PLACEMENT)



IVY jumper connection cable.

Length	4ft	8ft	10ft
Part No.	<b>1US4181</b>	<b>1US4182</b>	<b>1US4183</b>

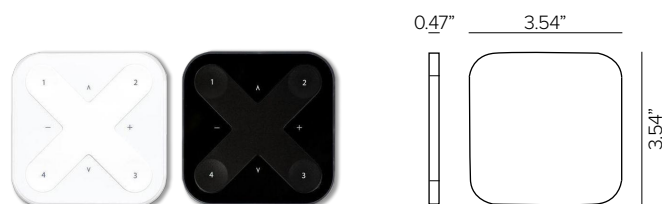
## 9 - POWER SUPPLY (REQUIRED)

### ENCLOSURE

Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
<b>PS057</b>	40W	VIA INTEGRAL POWER BOX	0.1%	NEMA3R	120-277V / 24V	UL CLASS 2	6.3" x 10.79" x 2.17"	MEAN WELL HLG ELECTRONIC DRIVER.
<b>PS058</b>	60W	VIA INTEGRAL POWER BOX	0.1%	NEMA3R	120-277V / 24V	UL CLASS 2	6.3" x 10.79" x 2.17"	MEAN WELL HLG ELECTRONIC DRIVER.
<b>PS059</b>	96W	VIA INTEGRAL POWER BOX	0.1%	NEMA3R	120-277V / 24V	UL CLASS 2	6.3" x 10.79" x 2.17"	MEAN WELL HLG ELECTRONIC DRIVER.

## 10 - CONTROLLER (OPTIONAL)

**COMPATIBLE WITH WIRELESS BLUE TOOTH CASAMBI VERSION ONLY FOR INDIVIDUAL FIXTURE CONTROL.**



Casambi Xpress remote controller, indoor mounted only. Four programmable presets. CR2430 battery (Included). **For wireless blue tooth Casambi control only.**

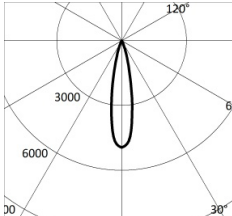
Finish White Black

Part No. **SWITCH26** **SWITCH25**

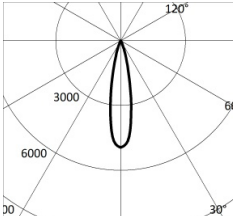
# IVY SUSPENDED

## PHOTOMETRY

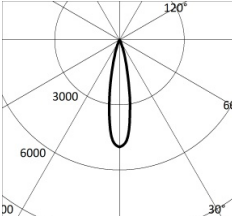
### SPOT



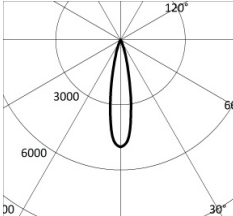
2700K	H(m)	D(m)	Emax(lx)
Ra90		21°	
Fixture Power 7W	1	0.38	3126
Source Flux 634lm	2	0.75	782
Fixture Flux 535lm	3	1.13	347
Efficacy 76lm/W	4	1.51	195
TS1645 I <sub>max</sub> =4931cd/klm	I <sub>max</sub> 3126cd	5	1.89 125



3000K	H(m)	D(m)	Emax(lx)
Ra90		21°	
Fixture Power 7W	1	0.38	3304
Source Flux 670lm	2	0.75	826
Fixture Flux 565lm	3	1.13	367
Efficacy 81lm/W	4	1.51	206
TS1645 I <sub>max</sub> =4931cd/klm	I <sub>max</sub> 3304cd	5	1.89 132

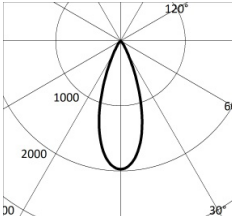


3500K	H(m)	D(m)	Emax(lx)
Ra90		21°	
Fixture Power 7W	1	0.38	3442
Source Flux 698lm	2	0.75	860
Fixture Flux 589lm	3	1.13	382
Efficacy 84lm/W	4	1.51	215
TS1645 I <sub>max</sub> =4931cd/klm	I <sub>max</sub> 3442cd	5	1.89 138

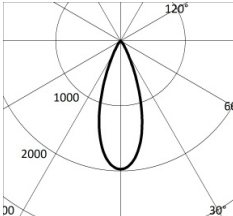


4000K	H(m)	D(m)	Emax(lx)
Ra90		21°	
Fixture Power 7W	1	0.38	3580
Source Flux 726lm	2	0.75	895
Fixture Flux 612lm	3	1.13	398
Efficacy 87lm/W	4	1.51	224
TS1645 I <sub>max</sub> =4931cd/klm	I <sub>max</sub> 3580cd	5	1.89 143

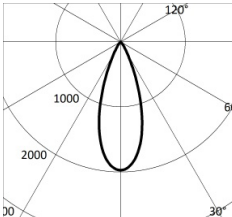
### FLOOD



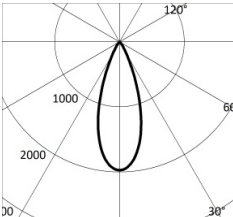
2700K	H(m)	D(m)	Emax(lx)
Ra90		37°	
Fixture Power 7W	1	0.66	1368
Source Flux 695lm	2	1.33	342
Fixture Flux 579lm	3	1.99	152
Efficacy 88lm/W	4	2.65	85
TS1646 I <sub>max</sub> =1968cd/klm	I <sub>max</sub> 1368cd	5	3.32 55



3000K	H(m)	D(m)	Emax(lx)
Ra90		37°	
Fixture Power 7W	1	0.66	1472
Source Flux 748lm	2	1.33	368
Fixture Flux 623lm	3	1.99	164
Efficacy 94lm/W	4	2.65	92
TS1646 I <sub>max</sub> =1968cd/klm	I <sub>max</sub> 1472cd	5	3.32 59



3500K	H(m)	D(m)	Emax(lx)
Ra90		37°	
Fixture Power 7W	1	0.66	1518
Source Flux 771lm	2	1.33	379
Fixture Flux 643lm	3	1.99	169
Efficacy 97lm/W	4	2.65	95
TS1646 I <sub>max</sub> =1968cd/klm	I <sub>max</sub> 1518cd	5	3.32 61

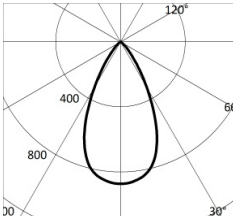


4000K	H(m)	D(m)	Emax(lx)
Ra90		37°	
Fixture Power 7W	1	0.66	1563
Source Flux 794lm	2	1.33	391
Fixture Flux 662lm	3	1.99	174
Efficacy 100lm/W	4	2.65	98
TS1646 I <sub>max</sub> =1968cd/klm	I <sub>max</sub> 1563cd	5	3.32 63

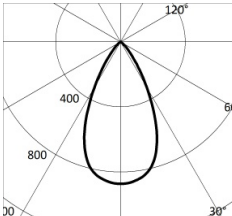
### WIDE FLOOD



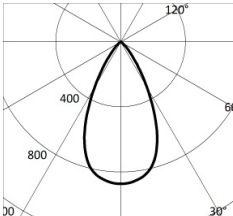
2700K	H(m)	D(m)	Emax(lx)
Ra90		53°	
Fixture Power 7W	1	1.00	605
Source Flux 695lm	2	2.00	151
Fixture Flux 490lm	3	3.01	67
Efficacy 74lm/W	4	4.01	38
TS1647 I <sub>max</sub> =871cd/klm	I <sub>max</sub> 605cd	5	5.01 24



3000K	H(m)	D(m)	Emax(lx)
Ra90		53°	
Fixture Power 7W	1	1.00	651
Source Flux 748lm	2	2.00	163
Fixture Flux 528lm	3	3.01	72
Efficacy 80lm/W	4	4.01	41
TS1647 I <sub>max</sub> =871cd/klm	I <sub>max</sub> 651cd	5	5.01 26



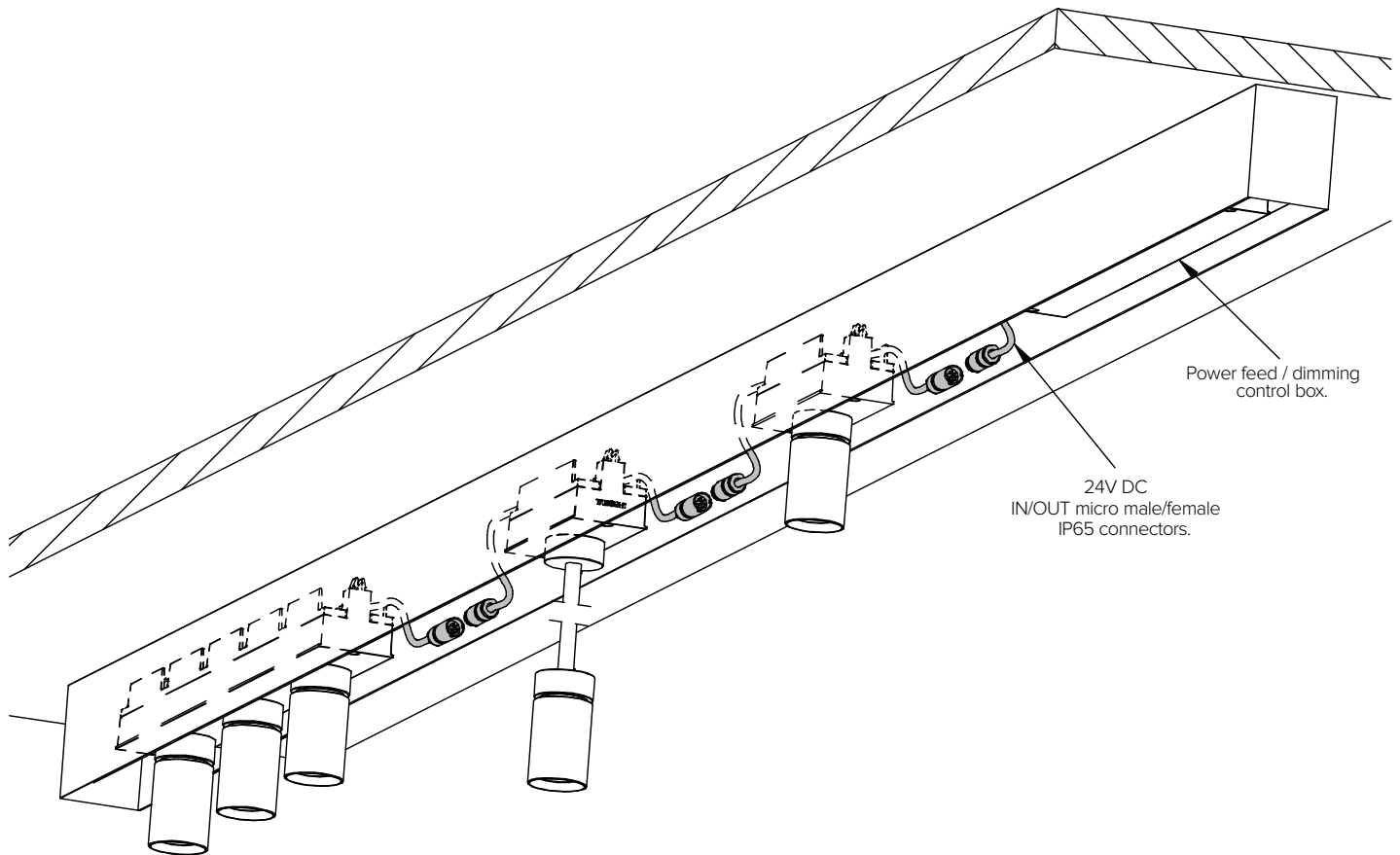
3500K	H(m)	D(m)	Emax(lx)
Ra90		53°	
Fixture Power 7W	1	1.00	671
Source Flux 771lm	2	2.00	168
Fixture Flux 544lm	3	3.01	75
Efficacy 82lm/W	4	4.01	42
TS1647 I <sub>max</sub> =871cd/klm	I <sub>max</sub> 671cd	5	5.01 27



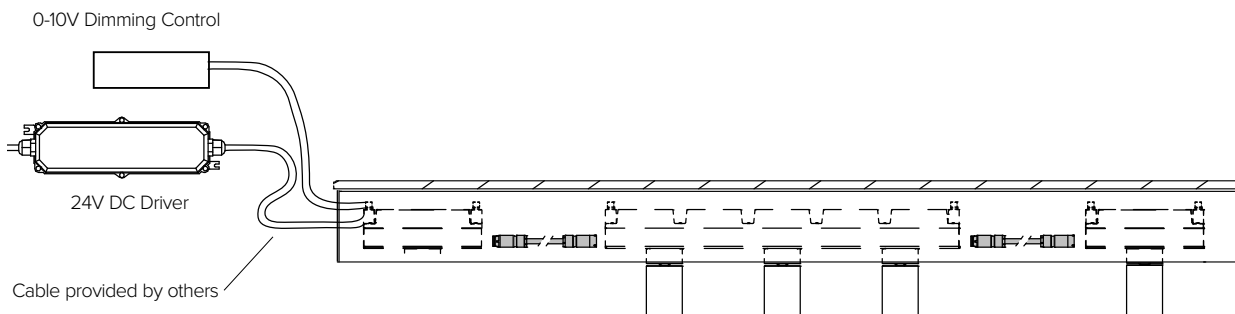
4000K	H(m)	D(m)	Emax(lx)
Ra90		53°	
Fixture Power 7W	1	1.00	691
Source Flux 794lm	2	2.00	173
Fixture Flux 560lm	3	3.01	77
Efficacy 85lm/W	4	4.01	43
TS1647 I <sub>max</sub> =871cd/klm	I <sub>max</sub> 691cd	5	5.01 28

# IVY SUSPENDED

## INSTALLATION DIAGRAM



## WIRING DIAGRAM



# IVY SUSPENDED

## CONTROL SYSTEM

Controlling light has never been easier. Targetti [LMS \(Light Management System\)](#) with Control by Casambi was created to make it possible to control light via Bluetooth Low Energy without the use of any special cables, ensuring system operational readiness. This wireless technology is compatible with all modern smart devices: smartphones, tablets and even smartwatches. Targetti fixtures are equipped with a special interface that allows them to communicate with each other to create a remotely controllable "smart" network.

The advantages are boundless. The possibility for users to interact with lighting – varying intensity, tone and shape in complete freedom and autonomy according to their needs. The design approach known as Human Centric Lighting that places people at the center of lighting projects.

Flexible and easy to use, suitable for managing all types of simple to more complex systems, LMS is a future-oriented system that can be constantly updated because it can be used with a simple application that can be downloaded onto a mobile device to manage the entire system in wireless mode.

## INSTALLATION SEQUENCE

