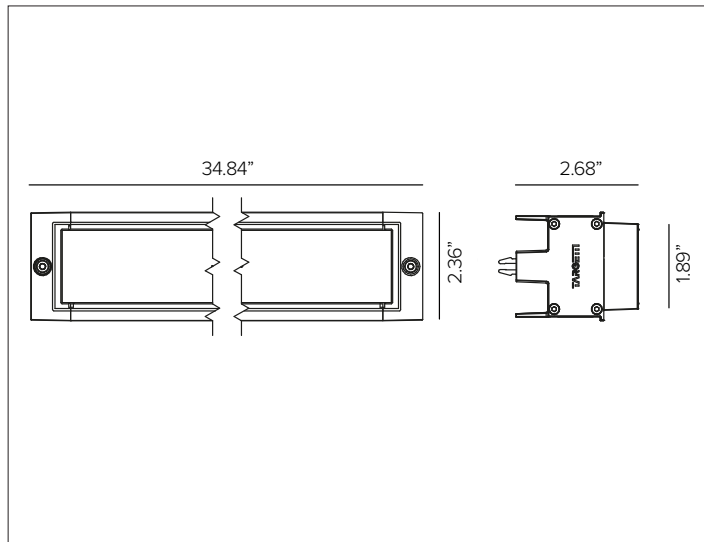


IVY LINEAR

Linear LED Light Module



IVY Linear Projector in Black Anodized finish.



CONCEPT

Professional linear 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

Dimensions	2.36"W x 34.84"L nominal luminaire profile range.
Materials	Extruded aluminum body protected with a layer of black anodization, minimum thickness of 15µ. Thermoplastic polymer side enclosure caps. Extra clear 4mm thick glass flat screen. Electronic components concealed in polymeric polycarbonate box sealed with a silicone rubber gasket.
Finish	● Black Anodized
Power Connection	Fixtures are manufactured complete with IN/OUT connections with micro male/female IP65 connectors. System interconnections require IVY jumper cable connections, see available options.
Mounting	Fast fixture installation using anodized aluminum clips into profile. Fixture positioning along profile with mechanical locking using hex 3mm key.
Weight	4.74lbs
Protection	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
^ Fixture suitable for use in marine grade environments. Not to be in direct contact with salt or corrosive agents for extended periods of time.

SUSTAINABILITY

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

ELECTRICAL CHARACTERISTICS

Power Supply	Remote power supply options available.
Wattage	22W
Voltage	24V DC
Control	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 Targetti LMS (Light Management System) for detailed information. Product dimming control requires factory setup of fixture zone identification prior to shipment. Project layout drawings required.

SOURCE

Linear LED board.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	90	90.9	100.1	3
	3000K	90	90.3	100.4	3
	3500K	90	83.6	96.5	3
	4000K	90	89.8	98.7	3

OPTIC

Optical system is dependent on beam angle. FL, WG and WW versions comprised of a primary cylindrical linear lens in PMMA, high reflectance specular reflector and integral holographic diffusive filter. OPAL version comprised of MC-PET high reflectance white reflector and double holographic diffusive filter.

Beam	Opal	FL	WG	WW
	77°x61°	32°	76°x15°	115°x59°
Delivered Lumens	2700K 1809Lm	2051Lm	2281Lm	2064Lm
	3000K 1935Lm	2195Lm	2441Lm	2208Lm
	3500K 1981Lm	2246Lm	2498Lm	2260Lm
	4000K 2026Lm	3075Lm	2555Lm	2312Lm
Efficacy	103Lm/W max. Refer to photometric graphs for specific values.			
Lifetime	L80/B10 >60,000hrs at max TA +25°C			
Photobiological Classification	Low risk photobiological safety RG1			

IVY LINEAR

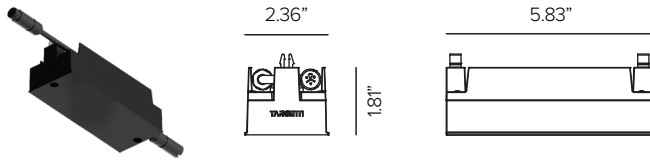
SPECIFICATION INFORMATION



1 - PRODUCT CODE	2 - TYPE	3 - FINISH	4 - WATTAGE	5 - OPTICS	6 - KELVIN
IV — IVY	LP — Linear	BA — Black Anodized	L1 — 22W	WG — WG 76°x15° WW — WW 115°x59° OP — Opal 77°x61° FL — FL 32°	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K
7 - POWER FEED / CONTROL BOX	8 - ELECTRICAL	9 - POWER SUPPLY	10 - CONTROLLER	11 - PROFILE	
0-10V Dimming Control Box See section for details Bluetooth Casambi Control Box See section for details	Jumper Connection Cable See section for details	Power Supply See section for details	Casambi Xpress Remote Controller See section for details	REQUIRED See IVY PROFILE spec sheet for specification information. SURFACE or RECESSED .	

IVY LINEAR

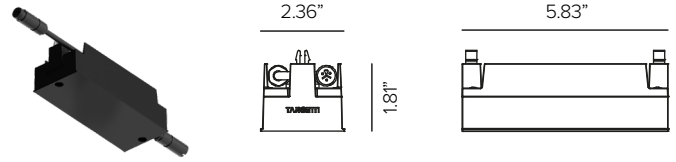
7 – POWER FEED / CONTROL BOX (REQUIRED)



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

Finish ●

Part No. **1US417910**



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

Finish ●

Part No. **1US4179CA**

8 – ELECTRICAL (OPTIONAL DEPENDANT ON FIXTURE PLACEMENT)



IVY jumper connection cable.

Length 4ft 8ft 10ft

Part No. **1US4181 1US4182 1US4183**

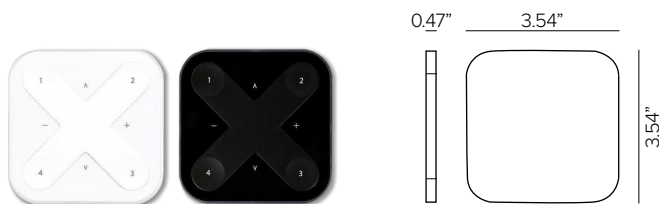
9 - POWER SUPPLY (REQUIRED)

ENCLOSURE

Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
PS057	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.
PS058	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.
PS059	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.**

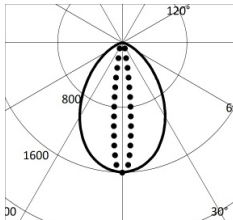
Finish ○ White ● Black

Part No. **SWITCH26 SWITCH25**

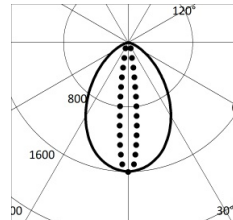
IVY LINEAR

PHOTOMETRY

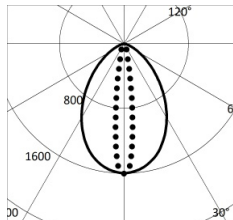
WALL GRAZER



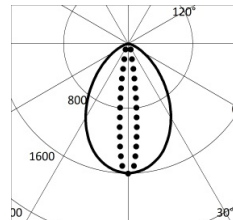
2700K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		76°	15°				
Fixture Power	22W	1	1.55	0.26	4394		
Source Flux	2745lm	2	3.10	0.51	1098		
Fixture Flux	2281lm	3	4.65	0.77	488		
Efficacy	102lm/W	4	6.21	1.02	275		
TS1650	I _{max} =1601cd/klm	I _{max}	4394cd	5	7.76	1.28	176



3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		76°	15°				
Fixture Power	22W	1	1.55	0.26	4701		
Source Flux	2937lm	2	3.10	0.51	1175		
Fixture Flux	2441lm	3	4.65	0.77	522		
Efficacy	109lm/W	4	6.21	1.02	294		
TS1650	I _{max} =1601cd/klm	I _{max}	4701cd	5	7.76	1.28	188



3500K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		76°	15°				
Fixture Power	22W	1	1.55	0.26	4811		
Source Flux	3006lm	2	3.10	0.51	1203		
Fixture Flux	2498lm	3	4.65	0.77	535		
Efficacy	112lm/W	4	6.21	1.02	301		
TS1650	I _{max} =1601cd/klm	I _{max}	4811cd	5	7.76	1.28	192

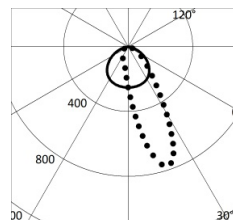


4000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		76°	15°				
Fixture Power	22W	1	1.55	0.26	4922		
Source Flux	3075lm	2	3.10	0.51	1230		
Fixture Flux	2555lm	3	4.65	0.77	547		
Efficacy	114lm/W	4	6.21	1.02	308		
TS1650	I _{max} =1601cd/klm	I _{max}	4922cd	5	7.76	1.28	197

WALL WASHER



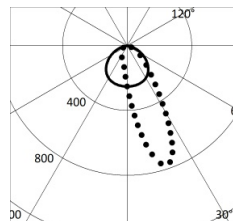
2700K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		115°	59°				
Fixture Power	22W	1	3.12	1.34	1845		
Source Flux	2745lm	2	6.23	2.67	461		
Fixture Flux	2064lm	3	9.35	4.01	205		
Efficacy	92lm/W	4	12.47	5.35	115		
TS1651	I _{max} =774cd/klm	I _{max}	2124cd	5	15.59	6.69	74



3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		115°	59°				
Fixture Power	22W	1	3.12	1.34	1974		
Source Flux	2937lm	2	6.23	2.67	494		
Fixture Flux	2208lm	3	9.35	4.01	219		
Efficacy	99lm/W	4	12.47	5.35	123		
TS1651	I _{max} =774cd/klm	I _{max}	2272cd	5	15.59	6.69	79

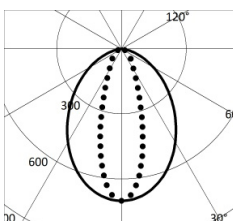


3500K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		115°	59°				
Fixture Power	22W	1	3.12	1.34	2021		
Source Flux	3006lm	2	6.23	2.67	505		
Fixture Flux	2260lm	3	9.35	4.01	225		
Efficacy	101lm/W	4	12.47	5.35	126		
TS1651	I _{max} =774cd/klm	I _{max}	2326cd	5	15.59	6.69	81

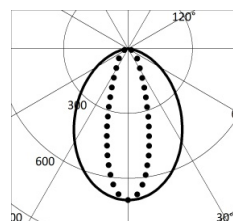


4000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		115°	59°				
Fixture Power	22W	1	3.12	1.34	2067		
Source Flux	3075lm	2	6.23	2.67	517		
Fixture Flux	2312lm	3	9.35	4.01	230		
Efficacy	103lm/W	4	12.47	5.35	129		
TS1651	I _{max} =774cd/klm	I _{max}	2379cd	5	15.59	6.69	83

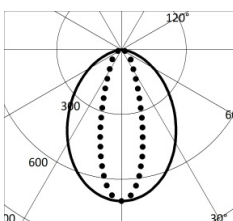
FLOOD



2700K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		85°	32°				
Fixture Power	22W	1	1.84	0.57	1920		
Source Flux	2745lm	2	3.68	1.14	480		
Fixture Flux	2051lm	3	5.52	1.70	213		
Efficacy	92lm/W	4	7.36	2.27	120		
TS1652	I _{max} =699cd/klm	I _{max}	1920cd	5	9.20	2.84	77



3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		85°	32°				
Fixture Power	22W	1	1.84	0.57	2054		
Source Flux	2937lm	2	3.68	1.14	514		
Fixture Flux	2195lm	3	5.52	1.70	228		
Efficacy	98lm/W	4	7.36	2.27	128		
TS1652	I _{max} =699cd/klm	I _{max}	2054cd	5	9.20	2.84	82



3500K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		85°	32°				
Fixture Power	22W	1	1.84	0.57	2102		
Source Flux	3006lm	2	3.68	1.14	526		
Fixture Flux	2246lm	3	5.52	1.70	234		
Efficacy	100lm/W	4	7.36	2.27	131		
TS1652	I _{max} =699cd/klm	I _{max}	2102cd	5	9.20	2.84	84

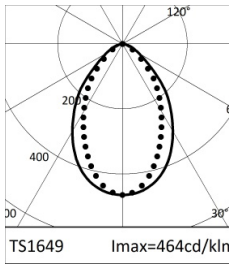


4000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90		85°	32°				
Fixture Power	22W	1	1.84	0.57	2151		
Source Flux	3075lm	2	3.68	1.14	538		
Fixture Flux	2298lm	3	5.52	1.70	239		
Efficacy	103lm/W	4	7.36	2.27	134		
TS1652	I _{max} =699cd/klm	I _{max}	2151cd	5	9.20	2.84	86

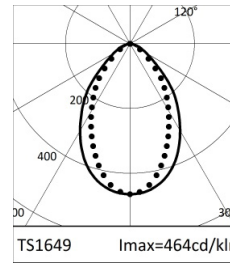
IVY LINEAR

PHOTOMETRY

OPAL



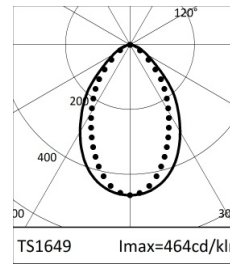
2700K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90			77°	61°			
Fixture Power	22W	1	1.58	1.19	1273		
Source Flux	2745lm	2	3.17	2.38	318		
Fixture Flux	1809lm	3	4.75	3.56	141		
Efficacy	81lm/W	4	6.33	4.75	80		
TS1649	I _{max} =464cd/klm	I _{max}	1273cd	5	7.92	5.94	51



3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90			77°	61°			
Fixture Power	22W	1	1.58	1.19	1362		
Source Flux	2937lm	2	3.17	2.38	341		
Fixture Flux	1935lm	3	4.75	3.56	151		
Efficacy	86lm/W	4	6.33	4.75	85		
TS1649	I _{max} =464cd/klm	I _{max}	1362cd	5	7.92	5.94	54



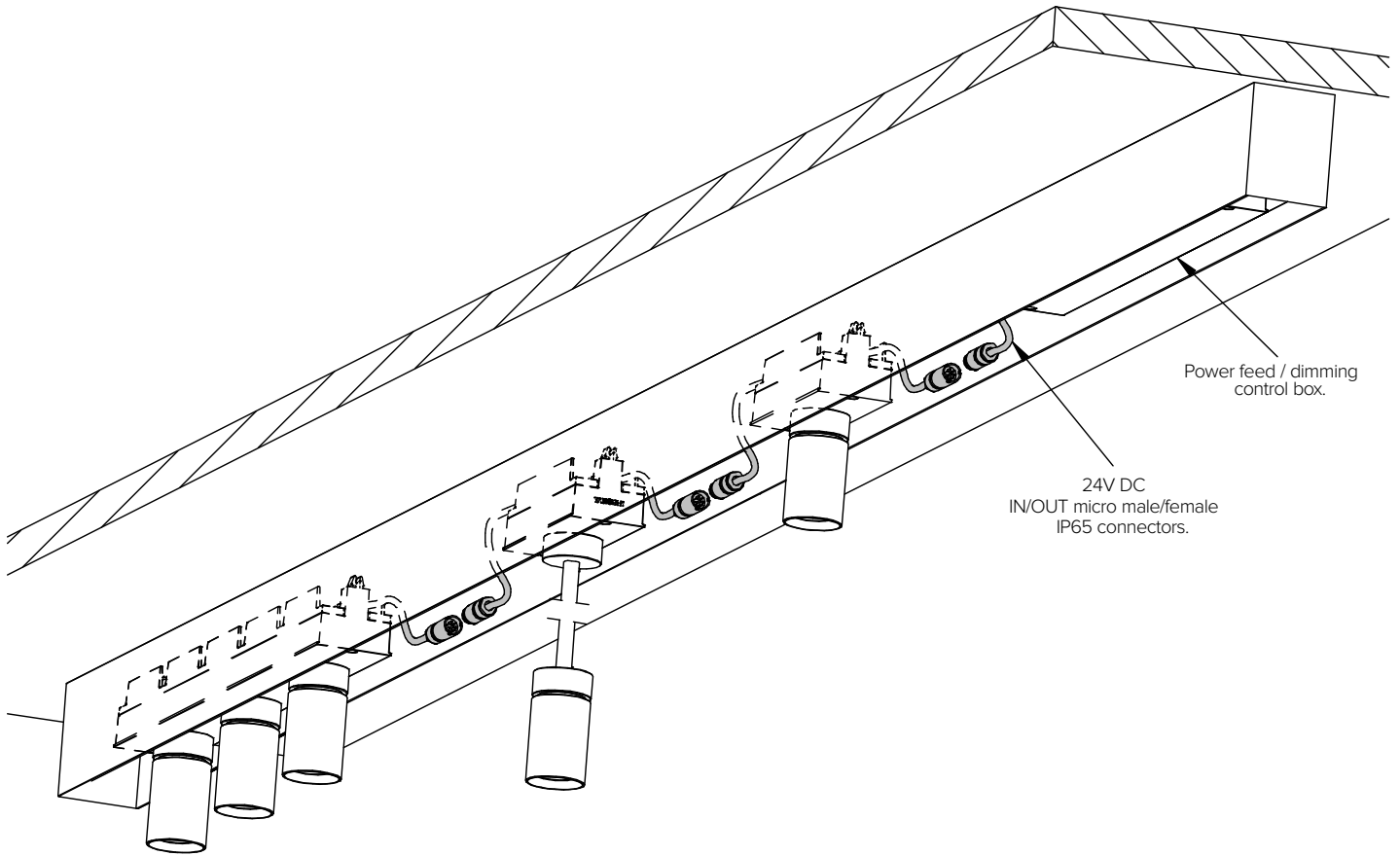
3500K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90			77°	61°			
Fixture Power	22W	1	1.58	1.19	1394		
Source Flux	3006lm	2	3.17	2.38	349		
Fixture Flux	1981lm	3	4.75	3.56	155		
Efficacy	88lm/W	4	6.33	4.75	87		
TS1649	I _{max} =464cd/klm	I _{max}	1394cd	5	7.92	5.94	56



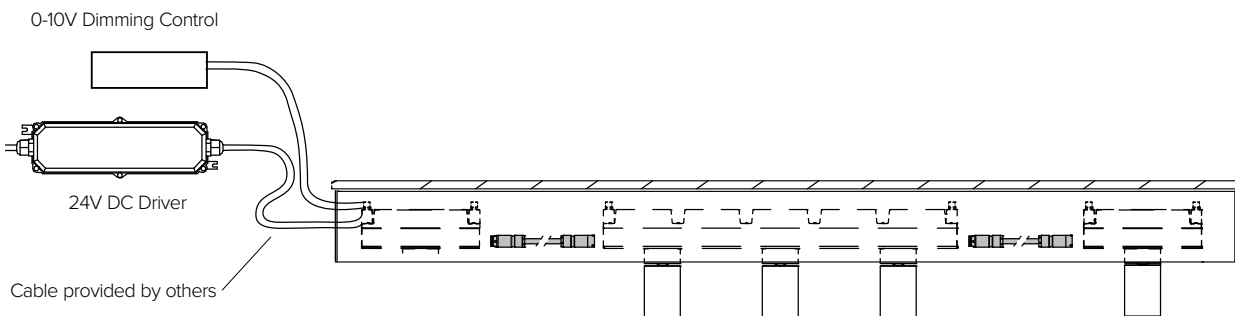
4000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90			77°	61°			
Fixture Power	22W	1	1.58	1.19	1426		
Source Flux	3075lm	2	3.17	2.38	357		
Fixture Flux	2026lm	3	4.75	3.56	158		
Efficacy	90lm/W	4	6.33	4.75	89		
TS1649	I _{max} =464cd/klm	I _{max}	1426cd	5	7.92	5.94	57

IVY LINEAR

INSTALLATION DIAGRAM



WIRING DIAGRAM



IVY LINEAR

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

