

## ILYAD Range



# ILYAD Fresnel TW

Projector equipped with a fixed Fresnel optical lens and a bicolor LED.

Suitable to achieve large, plain and homogeneous light effects, hot spot free.

The ILYAD Fresnel Tunable White is equipped with a power supply enabling the light intensity adjustment as well as the mix of white lights by two on-board potentiometers or via Bluetooth or DALI.

Tilt 200°.

Azimuth 365°.

Several mounting possibilities : 3 circuits track adaptor, hook mounting, tieback mounting. Other mounting options on demand.

Adjustments and positions maintained by friction and locking screw.



## Technical specifications

Light source type	LED
Led Power Rating	32 W
Beam angle	42° or 61°
Color temperature (Step Macadam (SDCM2))	2 700 K to 6 000 K
Led nominal output	2840 lm (constant output)
CRI (Ra)	> 90
Lumen maintenance L70	50 000 operating hours
Dimming/control	Two potentiometer / DALI 2
Thermal dissipation	Casambi
Housing materials	Passive Body : anodized aluminium – painted steel PMMA Fresnel optical lens
Weight	1,500 kg
Finish	Black or White - Other RAL colors upon request



New room «Chapelle du Louvre» located in the Pavillon de l'Horloge – Louvre of Paris Museum  
@Spx Lighting



SPX Lighting - Offices : Magellan 7 rue Montespan 91 000 Evry Courcouronnes - France

Factory : Zac des Coinchettes - 36 100 Issoudun - France.

Contacts +33 01 82 33 02 80 - [contact@spx-lighting.com](mailto:contact@spx-lighting.com) - [www.spx-lighting.com](http://www.spx-lighting.com)

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Date of publication February 2026.

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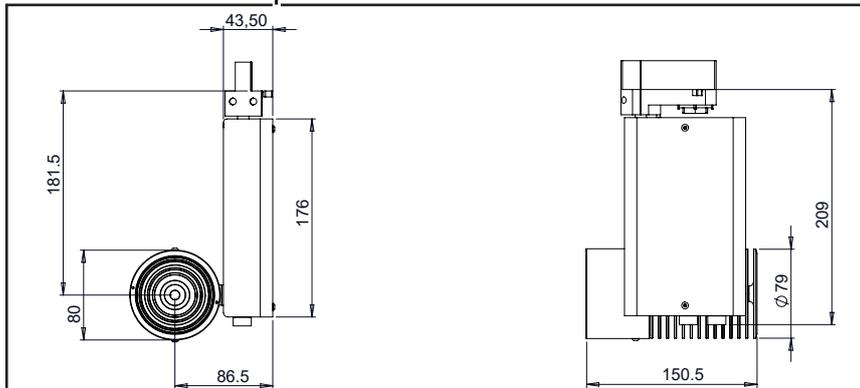
ILYAD Range

# ILYAD Fresnel TW

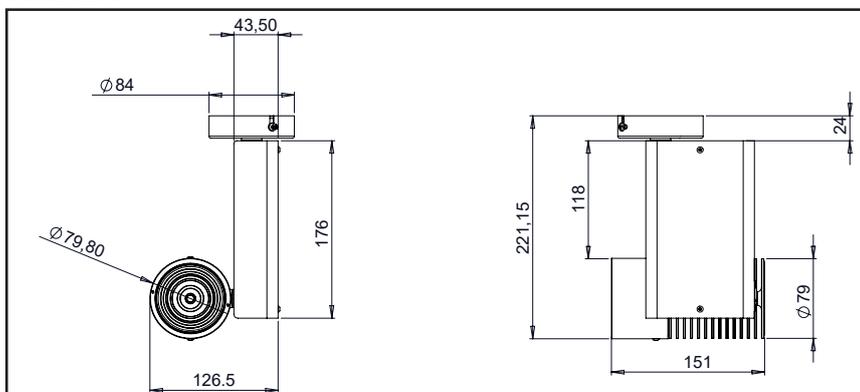
## Mounting versions



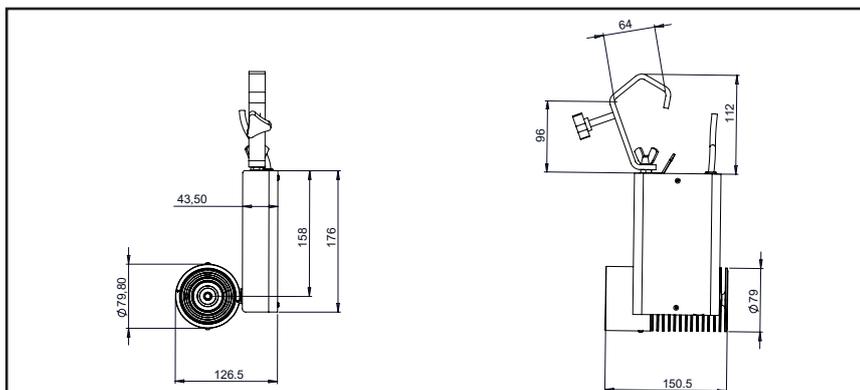
### 3 Circuit Track Adaptor



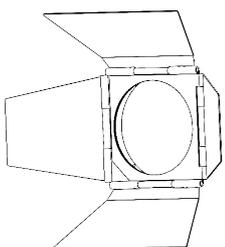
### Tieback



### Hook



## Accessories



Barn door



Accessory Holder Ring



Filter Holder Ring



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# ILYAD Fresnel TW

## Colorimetry Data

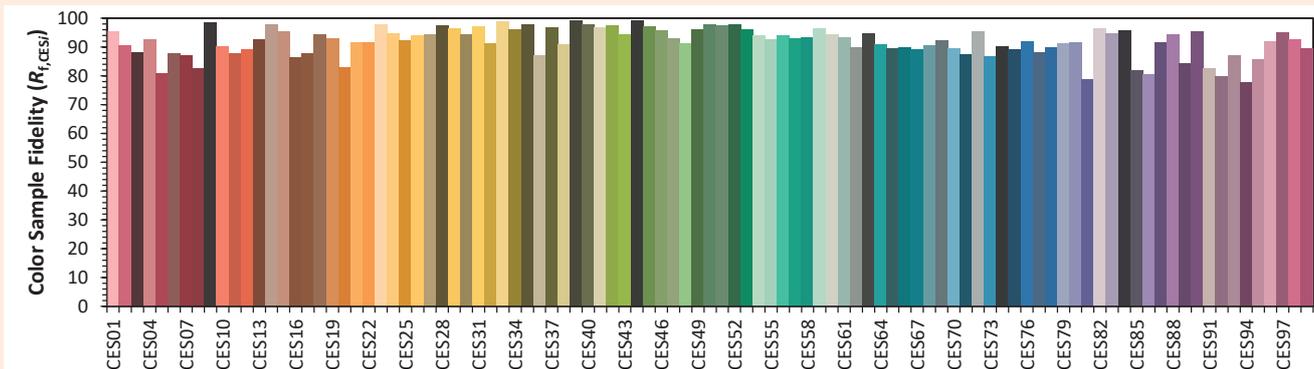
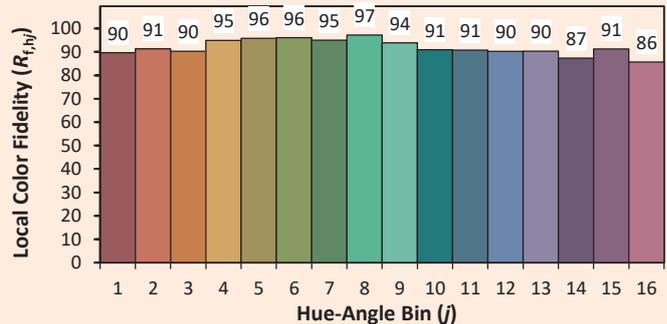
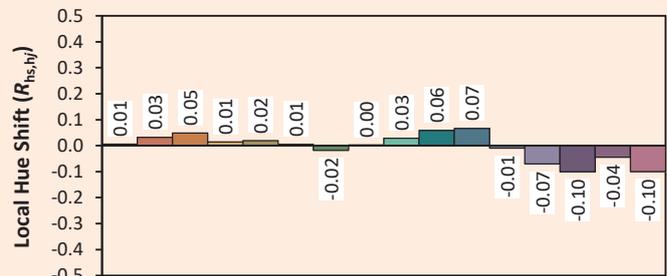
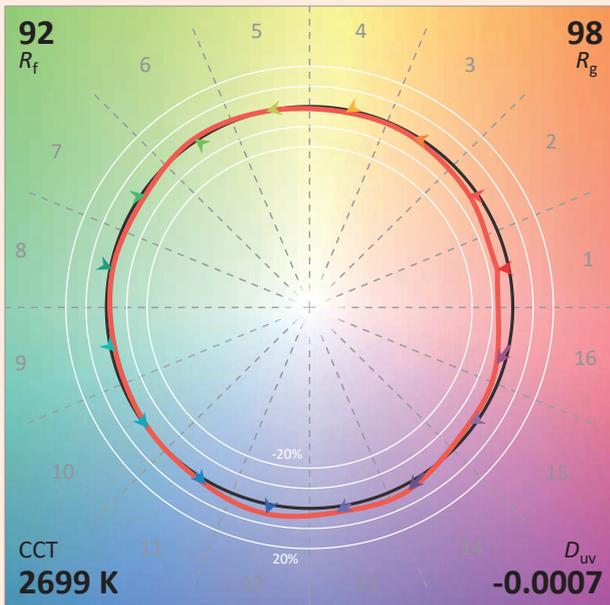
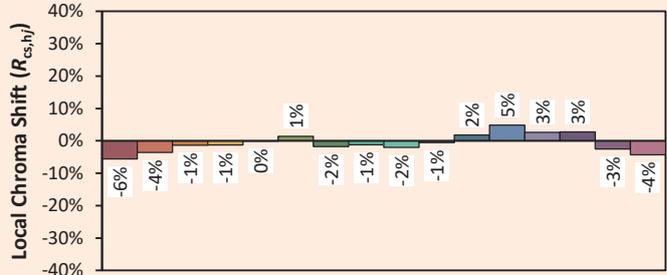
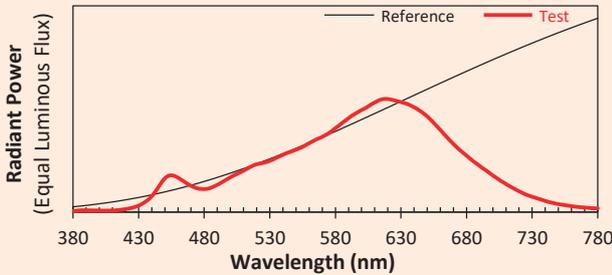


Source: COB TW

Date: 06/09/2022

Manufacturer: SPX LIGHTING

Model: ILYAD F TW 2700K



Notes:

Values given as an indication, varying around the typical value.

x 0.4586  
 y 0.4083  
 u' 0.2627  
 v' 0.5263

CIE 13.3-1995  
 (CRI)

R<sub>a</sub> 92  
 R<sub>g</sub> 55



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# ILYAD Fresnel TW

## Colorimetry Data

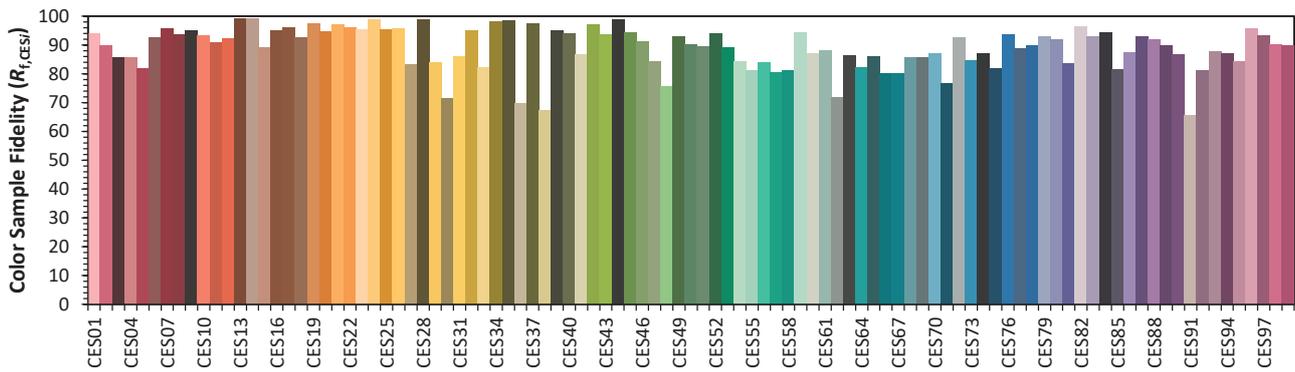
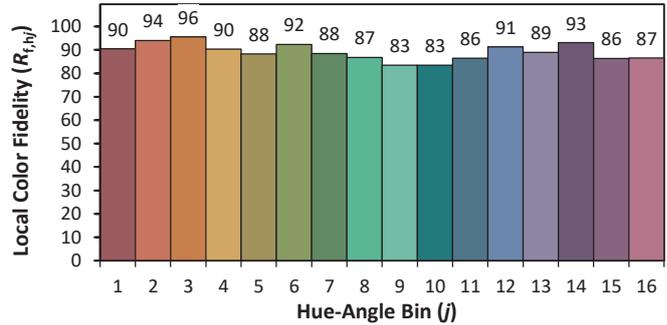
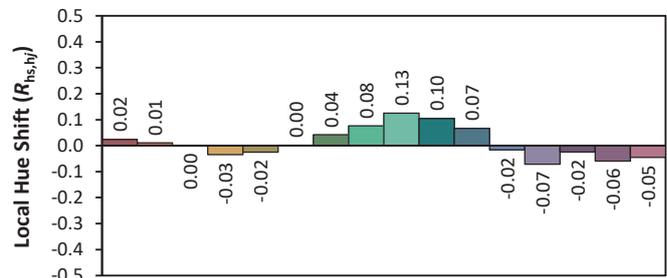
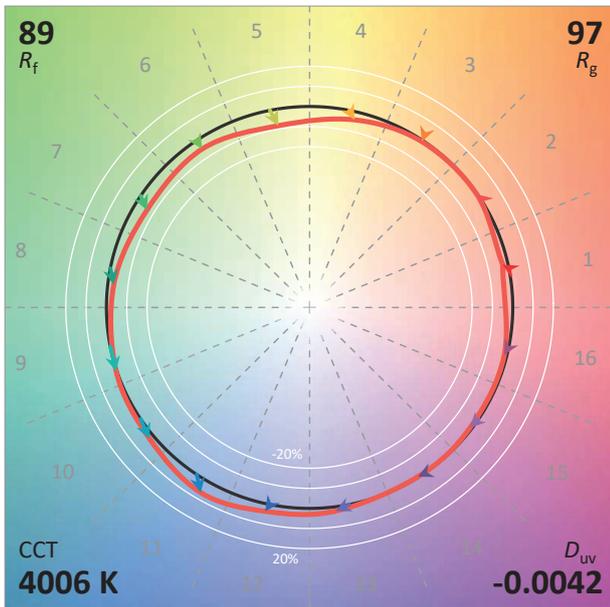
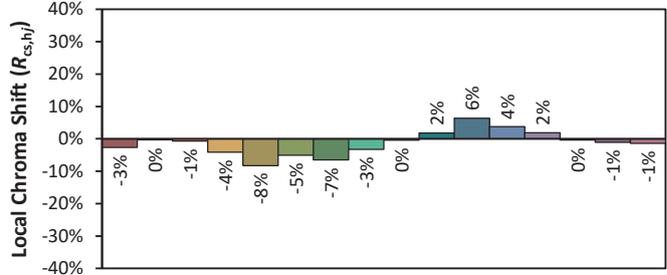
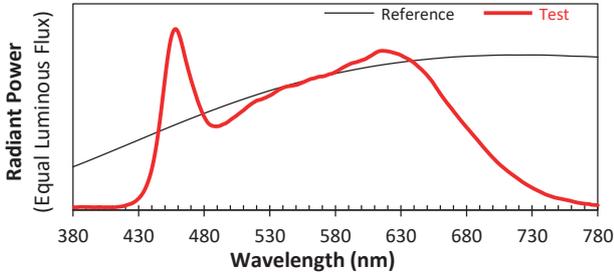


Source: COB TW

Manufacturer: SPX LIGHTING

Date: 06/09/2022

Model: ILYAD F TW 4000K



Notes:

Values given as an indication, varying around the typical value.

x 0.3773  
y 0.3659  
 $u'$  0.2274  
 $v'$  0.4963

CIE 13.3-1995  
(CRI)  
 $R_a$  94  
 $R_g$  87



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# ILYAD Fresnel TW

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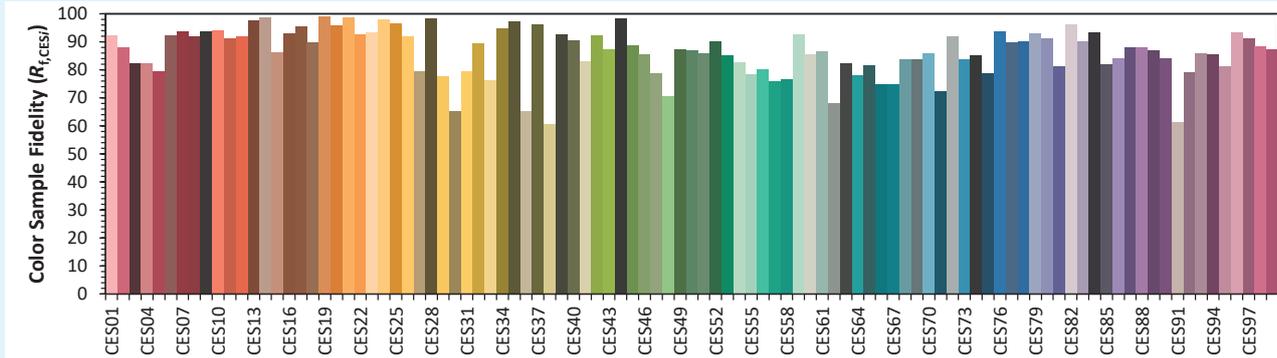
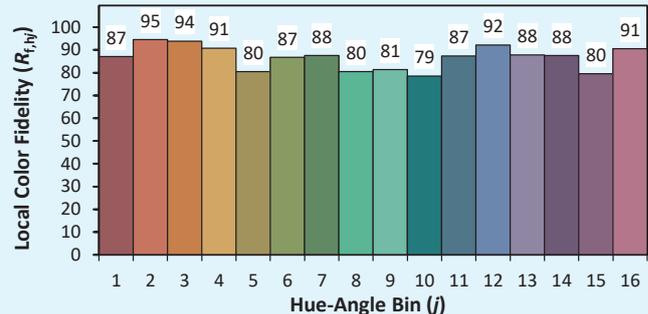
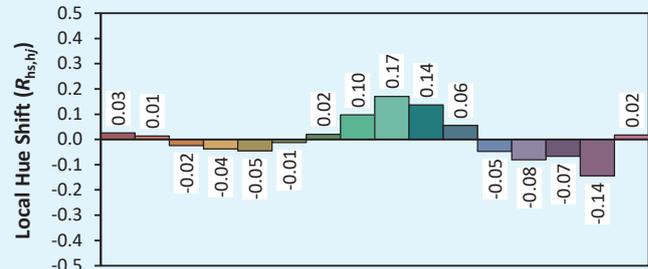
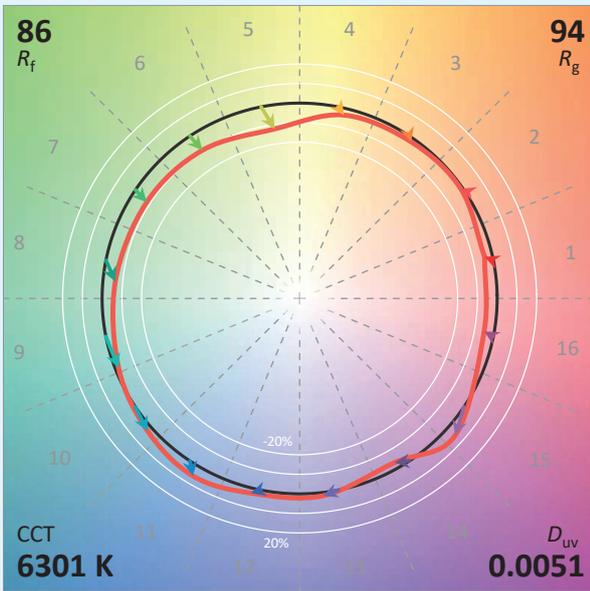
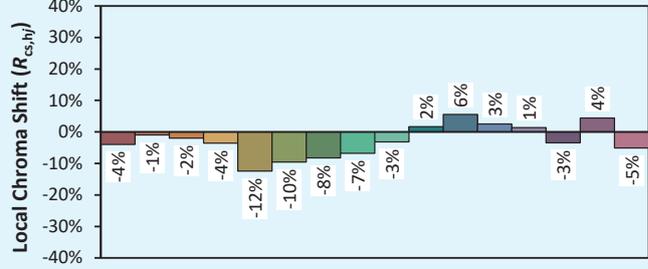
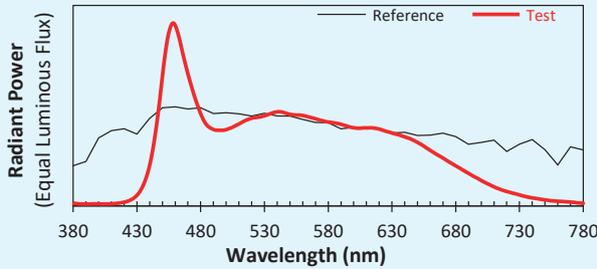


Source: COB TW

Manufacturer: SPX LIGHTING

Date: 06/09/2022

Model: ILIAD F TW 6300K



Notes:

Values given as an indication, varying around the typical value.

$x$  0.3158  
 $y$  0.3357  
 $u'$  0.1974  
 $v'$  0.4723

CIE 13.3-1995 (CRI)	
$R_a$	92
$R_g$	79

Colors are for visual orientation purposes only. Created with the ANSI/IES TM-30-18 Calculator Version 2.00.



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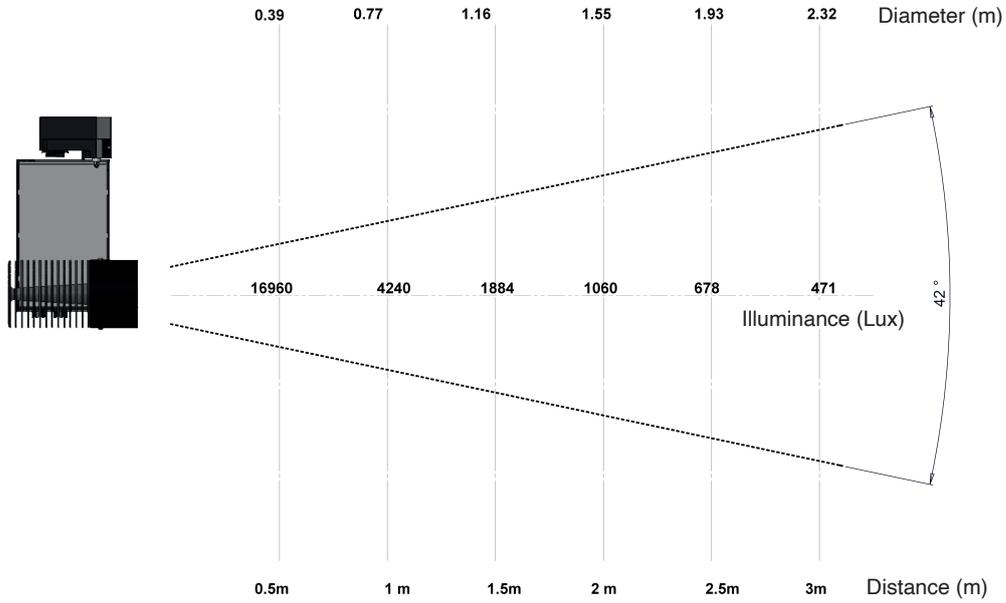
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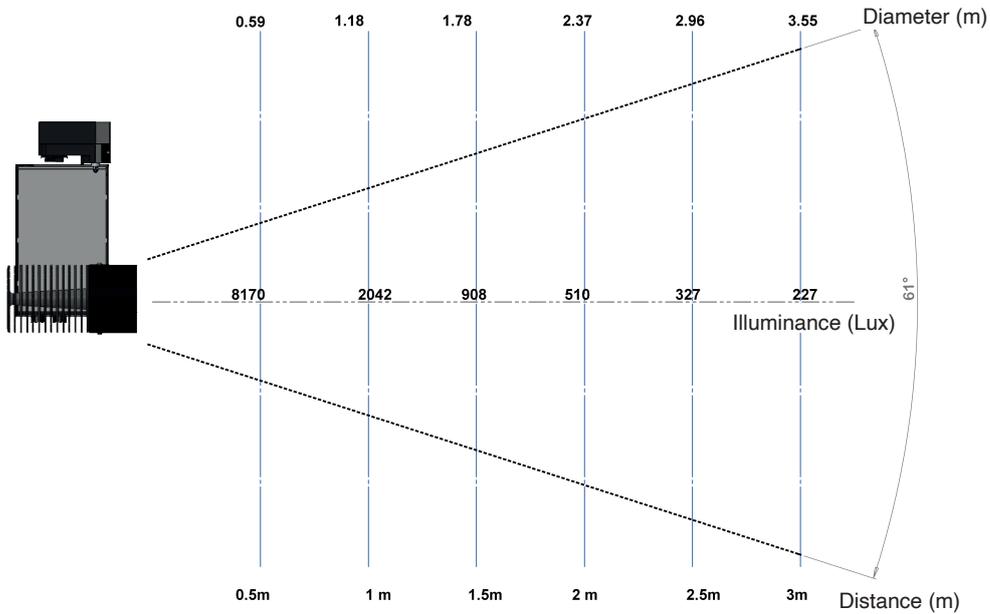


# ILYAD Fresnel TW

## Photometry Data



ILYAD F TW 2700K-6000K 42°



ILYAD F TW 2700K-6000K 61°



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## Items References

Power Consumption	Mounting Versions	Dimming Control	Zoom	Color Temp	Black Finish	White Finish
40W	3 Circuits Track Adaptor	2 Potentiometer	42°	2 700K - 6 000K	PRI01752	PRI01764
40W	3 Circuits "Track Pulse" Adaptor	2 Potentiometer	61°	2 700K - 6000K	PRI01753	PRI01765
40W	3 Circuits "Track Pulse" Adaptor	DALI	42°	2 700K - 6 000K	PRI01756	PRI01768
40W	3 Circuits "Track Pulse" Adaptor	DALI	61°	2 700K - 6000K	PRI01757	PRI01769
40W	3 Circuits Track Adaptor	CASAMBI	42°	2 700K - 6 000K	PRI01760	PRI01772
40W	3 Circuits Track Adaptor	CASAMBI	61°	2 700K - 6000K	PRI01761	PRI01773
40W	HOOK	2 Potentiometer	42°	2 700K - 6 000K	PRI01776	PRI01788
40W	HOOK	2 Potentiometer	61°	2 700K - 6000K	PRI01777	PRI01789
40W	HOOK	DALI	42°	2 700K - 6 000K	PRI01780	PRI01792
40W	HOOK	DALI	61°	2 700K - 6000K	PRI01781	PRI01793
40W	HOOK	CASAMBI	42°	2 700K - 6 000K	PRI01784	PRI01796
40W	HOOK	CASAMBI	61°	2 700K - 6000K	PRI01785	PRI01797
40W	TIEBACK	2 Potentiometer	42°	2 700K - 6 000K	PRI01800	PRI01812
40W	TIEBACK	2 Potentiometer	61°	2 700K - 6000K	PRI01801	PRI01813
40W	TIEBACK	DALI	42°	2 700K - 6 000K	PRI01804	PRI01816
40W	TIEBACK	DALI	61°	2 700K - 6000K	PRI01805	PRI01817
40W	TIEBACK	CASAMBI	42°	2 700K - 6 000K	PRI01808	PRI01820
40W	TIEBACK	CASAMBI	61°	2 700K - 6000K	PRI01809	PRI01821

## Accessories References

Black 4-leaf Barn doors with integrated filter holder	ACC00404
White 4-leaf Barn doors with integrated filter holder	ACC00405

# ILYAD Fresnel TW

## Items References



ILYAD Barn doors Black	ACC00404
ILYAD Barn doors White	ACC00405
ILYAD Filter Holder Ring Black	ACC00414
ILYAD Accessory Holder Ring Black	ACC00415
ILYAD Accessory Holder Ring White	ACC00416

	BARN DOORS	ACCESSORY HOLDER RING	FILTER HOLDER
	ACC00404 ACC00405	ACC00415 ACC00416	ACC00414
			
<b>BARN DOORS</b>	✓	✓	
<b>FILTER HOLDER</b>		✓	✓
<b>BARN DOOR + FILTER HOLDER</b>	✓	✓	✓



Factory - Issoudun France



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