



Type:

**SPECIFICATION SHEET**

Project:

Page 1 / 5

# IMAX-Projector

**TLI020-71**



## DESCRIPTION

IMAX(EN-TLI series, projector version) is a slim and functional LED track light that will fit smoothly into optimum accurate lighting for museums, exhibitions, art galleries and sales and showroom areas. Featuring a group of precision optical lens and framing patterns mechanism designed to provide sharp-edged, high-contrast square & triangle light shapes, logo projection is also available. The head can be adjusted precisely 360°+ horizontal(rotation) and 90°vertical without dead angle. The light, as a result, is emitted exactly where you need it.

## FEATURES

- Tailor-made contour projector for high-end museums & galleries thanks to it's precise light control.
- Designed for sharp-focused or soft-focused projection of a light field.
- An adjustable beam(18°-30° & 24°-36°) and a set of four framing blades bring sharp-edged or soft edged, high-contrast square & triangle light shape at user's convenience.
- Logo projection, customized logo can be projected at your request.
- Privately-designed joints can hold the track head at any positions without malfunctions.
- 360°+ rotation without dead angle and 90° vertical aiming.

## ELECTRICAL

Power:	20W
Voltage:	220-240V / 100-277V AC
Frequency:	50/60Hz
Class:	II
Power factor:	>0.90
Dimming:	On-off / 0/1-10V / DALI / TRIAC

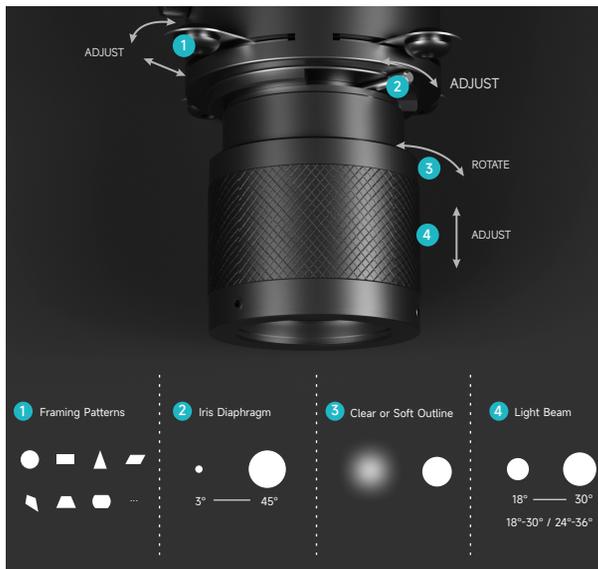
## OPTICAL

LED Type:	COB
Lumen Output:	805lm
Beam Optic:	18°-30° / 24°-36°
Color Quality:	CRI 90+/95+, SDCM≤3
Color Temperature:	Static white: 2700K/3000K/3500K/4000K
TM30 values:	Rf: 99-105 Rg: 88-92
LM80:	ANSI/IES LM-80-15

## LUMINAIRE

Location:	Indoor
Installation Methods:	Track-mounted
IP Rating:	IP20
Adjustability:	0°-90° tiltable, 360°+ rotatable
Luminaire Color:	RAL9005 Black / RAL9016 White / Custom Finish*(Consult Factory)
Material:	Die-cast aluminum
Operating Temperature:	-20°C~40°C
Lifespan:	> 50000h@80%(L80)
Warranty:	5 years Carefree for Parts and Components (Labor not included) LED luminaire life reduction and warranty invalidation will occur if installed in environments above 40°C

## DETAILS





Type:

Project:

**ORDERING INFORMATION**

TLI								
SERIES	POWER	INSTALLATION	HOUSING COLOR	TRACK TYPE	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> <b>TLI</b> IMAX	<input type="checkbox"/> <b>020</b> 20W	<input type="checkbox"/> <b>71</b> Track	<input type="checkbox"/> <b>W</b> RAL9016 White  <input type="checkbox"/> <b>B</b> RAL9005 Black  <input type="checkbox"/> <b>C</b> Custom Finish *(Consult Factory)	<input type="checkbox"/> <b>J</b> 2-pin Juno  <input type="checkbox"/> <b>L</b> 2-pin Lightolier  <input type="checkbox"/> <b>H</b> 3-pin Halo  <input type="checkbox"/> <b>G</b> 4-pin Global  <input type="checkbox"/> <b>S</b> 4-pin Standard	<input type="checkbox"/> <b>9</b> 90+  <input type="checkbox"/> <b>H</b> 95+	<input type="checkbox"/> <b>27</b> 2700K  <input type="checkbox"/> <b>30</b> 3000K  <input type="checkbox"/> <b>35</b> 3500K  <input type="checkbox"/> <b>40</b> 4000K	<input type="checkbox"/> <b>1T3</b> 18°-30°  <input type="checkbox"/> <b>2T3</b> 24°-36°	<input type="checkbox"/> <b>V</b> 0/1-10V  <input type="checkbox"/> <b>T</b> Triac  <input type="checkbox"/> <b>X</b> 0-10V/Triac  <input type="checkbox"/> <b>D</b> DALI  <input type="checkbox"/> <b>N</b> Non-dimming

**ACCESSORIES** (TO BE ORDERED SEPARATELY)  
FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

**OPTICAL ACCESSORY**

**Color Filter**  
TLI020-71-CF



**LOGO**  
TLI020-71-L



**PHOTOMETRIC DATA (NON-DIMMING)**

LUMEN PACKAGE	POWER	CCT	18°			30°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
TLI020-71	20W	3000K	805	41	8260	799	41	4602

LUMEN PACKAGE	POWER	CCT	24°			36°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
TLI020-71	20W	3000K	704	36	5362	722	37	2458

**LUMEN MULTIPLIERS**

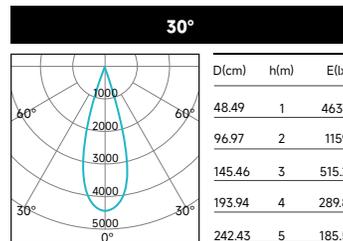
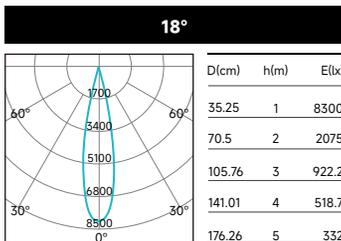
CCT	MULTIPLIER
2700K	0.93
3000K	1.00
3500K	1.07
4000K	1.15

**Applying Lumen Multipliers to Calculate Delivered Lumens**

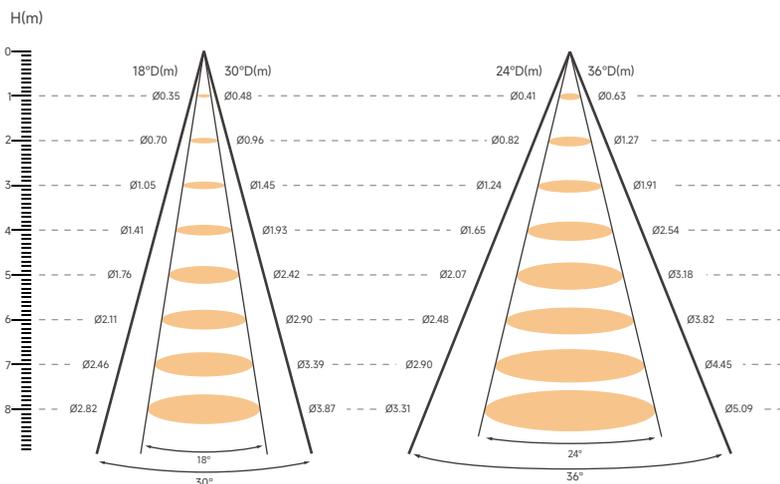
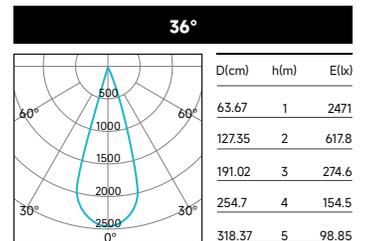
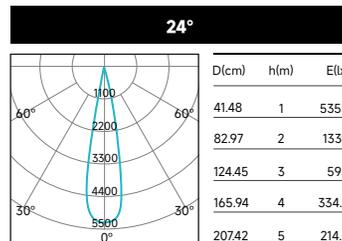
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
<b>STANDARD TRIM Example: TLI020-71 20W 3500K</b>				
805 lm	x	1.07	=	861 lm

**LIGHT DISTRIBUTION**

**3000K 20W**



**3000K 20W**

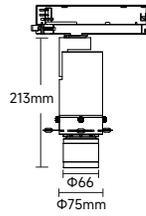


**DIMENSION**



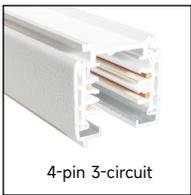
Track-mounted

TLI020-71



**INSTALLATION**

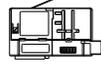
Track-mounted



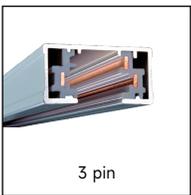
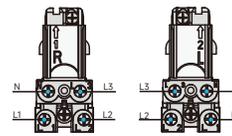
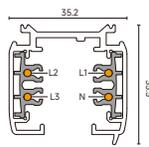
4-pin 3-circuit



Standard



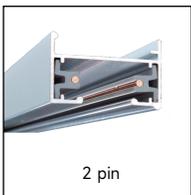
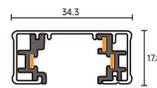
Global



3 pin



Halo



2 pin



Juno



Lightolier



### IMAX TRACK LIGHT SYSTEM

ONE SOLUTION for many beam angle challenges. IMAX Family Track Lights provide first-class options for architects, lighting designer who want superior flexibility in an LED accent lighting system.

In versions with different light solutions, IMAX covers high performance accent lighting with different interchangeable beam lens, beam angle adjusting from narrow to wide, and contour projection.

Attracted by it's slim and clean design, IMAX is a complete family with full lighting solutions. If you have an environment ask for different lighting solution, IMAX will be the best choice to get a unified impression.

### DETAILS



Scan to know more about product information