

D71003-

base number Color

Color Finish
Temperature Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

Series: Woodlin	
Subseries: LED40	
Brand: Tunto	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 700
Length (in): 27 % 16
Width (mm): 400
Width (in): 15 <sup>3</sup> / <sub>4</sub>
Height (mm): 40
Height (in): $1\frac{9}{16}$
Max. Overall Height (mm): 2040
Max. Overall Height (in): 80 $\frac{5}{16}$
Light Distribution: Direct
Diffuser: Opal
Fixture Finish: WAL / ASH / OAK / BLK / WHI
Fixture Material: Wood

#### **ELECTRICAL**

Lamp Type: LED
Input Wattage (W): 16
Total Output Wattage (W): 12.7
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

#### LED

Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 960
CRI: >93 CRI
Lamp Life (hrs): 50000

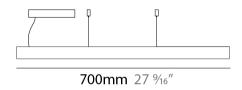
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP20	

PROJECT	
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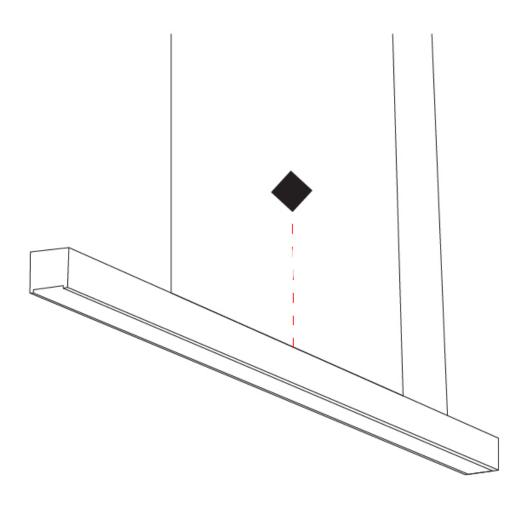








D71003-







D71004-

base number

Color	Finish
Temperature	Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

Series: Woodlin	
Subseries: LED40	
Brand: Tunto	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 700
Length (in): 27 <sup>9</sup> / <sub>16</sub>
Width (mm): 400
Width (in): 15 3/4
Height (mm): 40
Height (in): 1 % 16
Max. Overall Height (mm): 2040
Max. Overall Height (in): 80 $\frac{5}{16}$
Light Distribution: Direct
Diffuser: Opal
Fixture Finish: WAL / ASH / OAK / BLK / WHI
Fixture Material: Wood

## **ELECTRICAL**

Lamp Type: LED
Input Wattage (W): 23
Total Output Wattage (W): 19
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

LED	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 1300	
CRI: >93 CRI	
Lamp Life (hrs): 50000	

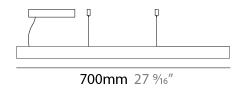
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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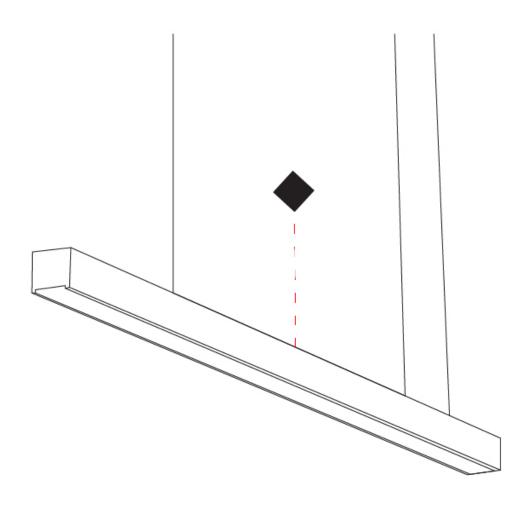








D71004-





## **LED40 SUSPENSION**

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Color	Finish
Temperature	Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Woodlin	
Subseries: LED40	
Brand: Tunto	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 1300
Length (in): 51 <sup>3</sup> / <sub>16</sub>
Width (mm): 400
Width (in): 15 <sup>3</sup> / <sub>4</sub>
Height (mm): 40
Height (in): 1 %
Max. Overall Height (mm): 2040
Max. Overall Height (in): $80\frac{5}{16}$
Light Distribution: Direct
Diffuser: Opal
Fixture Finish: WAL / ASH / OAK / BLK / WHI
Fixture Material: Wood

#### **ELECTRICAL**

Input Wattage (W): 30
Total Output Wattage (W): 25.4
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

#### LED

Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 1550	
CRI: >93 CRI	
Lamp Life (hrs): 50000	

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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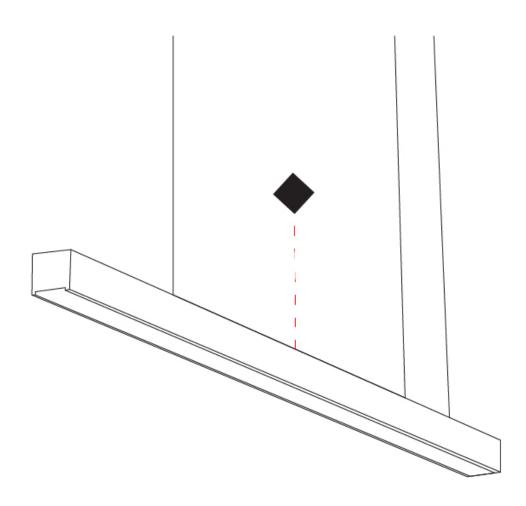








D71005-





## **LED40 SUSPENSION**

D71006base number Color

oer Color Finish
Temperature Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### **GENERAL**

Series: Woodlin
Subseries: LED40
Brand: Tunto
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile

Subcategory: Profile

PHYSICAL

Shape: Rectangle

Length (mm): 1600

Length (in): 63

Width (mm): 400

Width (in): 15  $\frac{3}{4}$ Height (mm): 40

Height (in): 1  $\frac{9}{16}$ Max. Overall Height (mm): 2040

Max. Overall Height (in): 80  $\frac{5}{16}$ Light Distribution: Direct

Diffuser: Opal

Fixture Finish: WAL / ASH / OAK / BLK / WHI

Fixture Material: Wood

### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 36
Total Output Wattage (W): 31.5
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

#### LED

Color Temperature (°K): 3000

Max. Delivered Lumen (lm): 2100

CRI: >93 CRI

Lamp Life (hrs): 50000

#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20

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TYPE	
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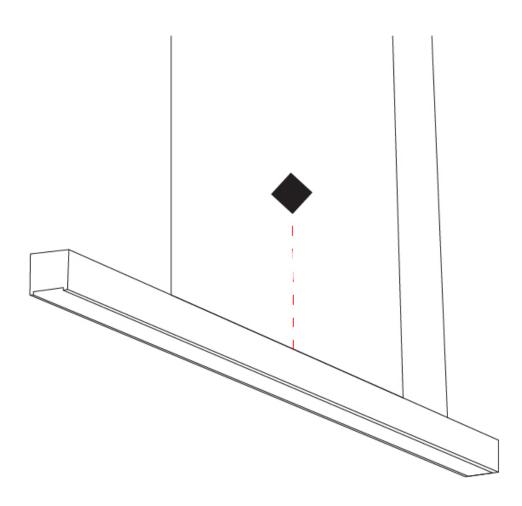








D71006-







D71008-

base number

Temperature Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Woodlin Subseries: LED28 Brand: Tunto Division: Design Mounting Type: Suspension Mounting Location: Ceiling

Subcategory: Profile PHYSICAL Shape: Rectangle Length (mm): 1000 Length (in): 39 3/8 Width (mm): 28 Width (in): 1 1/8 Height (mm): 28 Height (in):  $1\frac{1}{8}$ Max. Overall Height (mm): 2028 Max. Overall Height (in): 79 13/16 Light Distribution: Direct Diffuser: Opal Fixture Finish: WAL / ASH / OAK / BLK / WHI Fixture Material: Wood Cable Details: 2000mm / 78 3/4"

**ELECTRICAL** Lamp Type: LED Input Wattage (W): 21 Total Output Wattage (W): 19 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 700

Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 1200 CRI: >93 CRI Lamp Life (hrs): 50000

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards IP rating: IP20

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1000mm 39 %"

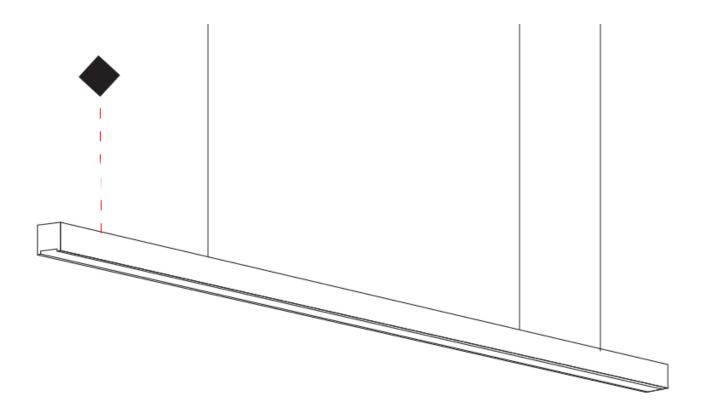






D71008-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







D71009-

base number

Color Finish
Temperature Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

Series: Woodlin	
Subseries: LED28	
Brand: Tunto	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 1200
Length (in): 47 1/4
Width (mm): 28
Width (in): 1 ½
Height (mm): 28
Height (in): 1 1/8
Max. Overall Height (mm): 2028
Max. Overall Height (in): 79 13 /16
Light Distribution: Direct
Diffuser: Opal
Fixture Finish: WAL / ASH / OAK / BLK / WHI
Fixture Material: Wood
Cable Details: 2000mm / 78 3/4"

ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 25	
Total Output Wattage (W): 20.9	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)	1
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 700	
	_

#### LED

Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 1300 Standard 3000K	
CRI: >93 CRI	
Lamp Life (hrs): 50000	

#### OPTICAL

### RATINGS AND CERTIFICATIONS

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IP rating: IP20	

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1200mm 47 1/4"

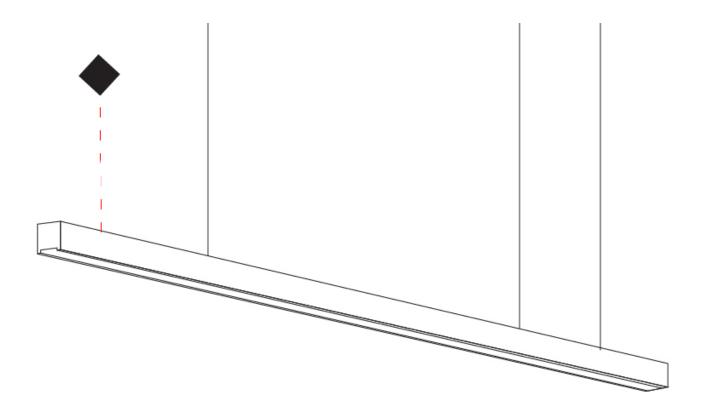






D71009-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







D71015		-
base number	Color Temperature	Finish
	remperature	Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

Series: Woodlin	
Subseries: LED60	
Brand: Tunto	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Modifiling Type. Suspension
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 700
Length (in): 27 <sup>9</sup> / <sub>16</sub>
Width (mm): 60
Width (in): 2 3/8
Height (mm): 60
Height (in): 2 3/8
Max. Overall Height (mm): 2060
Max. Overall Height (in): 81 $\frac{1}{2}$
Light Distribution: Direct
Diffuser: Opal
Fixture Finish: WAL / ASH / OAK / BLK / WHI
Fixture Material: Wood
Cable Details: 2000mm / 78 3/4"
ELECTRICAL

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 29
Total Output Wattage (W): 25.3
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

#### LED

Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 2180	
CRI: >93 CRI	
Lamp Life (hrs): 50000	

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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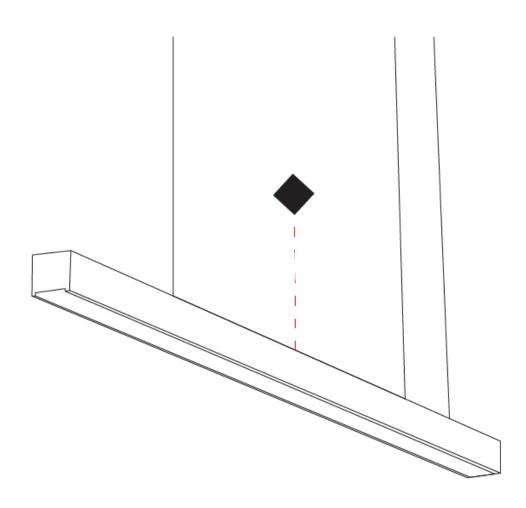








D71015-





## **LED60 SUSPENSION**

D71016-

base number

Color Finish
Temperature Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### **GENERAL**

Series: Woodlin
Subseries: LED60
Brand: Tunto
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile

#### PHYSICAL

Shape: Rectangle

Length (mm): 1000

Length (in): 39  $\frac{3}{8}$ Width (mm): 60

Width (in): 2  $\frac{3}{8}$ Height (mm): 60

Height (in): 2  $\frac{3}{8}$ Max. Overall Height (mm): 2060

Max. Overall Height (in): 81  $\frac{1}{8}$ Light Distribution: Direct

Diffuser: Opal

Fixture Finish: WAL / ASH / OAK / BLK / WHI

Fixture Material: Wood

Cable Details: 2000mm / 78 3/4"

#### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 43
Total Output Wattage (W): 38
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

#### LED

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 3240

CRI: >93 CRI

Lamp Life (hrs): 50000

### OPTICAL

#### RATINGS AND CERTIFICATIONS

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IP rating: IP20

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1000mm 39 %"

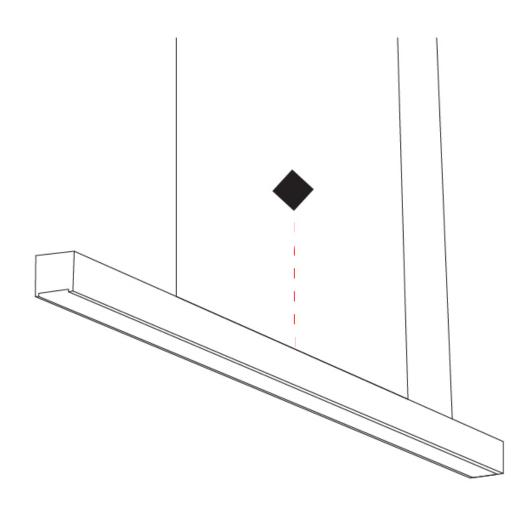






D71016-

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## **LED60 SUSPENSION**

D71017-

base number

Color Finish
Temperature Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### **GENERAL**

Series: Woodlin
Subseries: LED60
Brand: Tunto
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile

#### PHYSICAL

Shape: Rectangle

Length (mm): 1300

Length (in): 51  $\frac{3}{16}$ Width (mm): 60

Width (in): 2  $\frac{3}{8}$ Height (mm): 60

Height (in): 2  $\frac{3}{8}$ Max. Overall Height (mm): 2060

Max. Overall Height (in): 81  $\frac{1}{9}$ Light Distribution: Direct

Diffuser: Opal

Fixture Finish: WAL / ASH / OAK / BLK / WHI

Fixture Material: Wood

Cable Details: 2000mm / 78 3/4"

#### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 55
Total Output Wattage (W): 50.8
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

#### LED

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 4380

CRI: >93 CRI

Lamp Life (hrs): 50000

### OPTICAL

#### RATINGS AND CERTIFICATIONS

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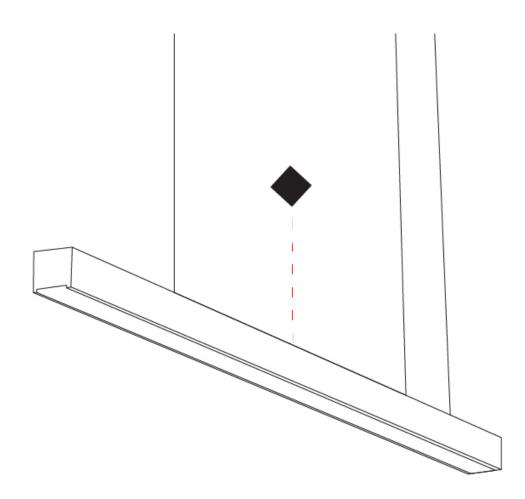
1300mm 51 3/16"

60mm 2 3/8"





D71017-





## **LED60 SUSPENSION**

D71018-

base number

Color	Finish
Temperature	Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### **GENERAL**

Series: Woodlin Subseries: LED60 Brand: Tunto Division: Design Mounting Type: Suspension Mounting Location: Ceiling

Subcategory: Profile PHYSICAL Shape: Rectangle Length (mm): 1600 Length (in): 63 Width (mm): 60 Width (in):  $2\frac{3}{8}$ Height (mm): 60 Height (in): 2 3/8 Max. Overall Height (mm): 2060 Max. Overall Height (in): 81  $\frac{1}{8}$ Light Distribution: Direct Diffuser: Opal Fixture Finish: WAL / ASH / OAK / BLK / WHI Fixture Material: Wood Cable Details: 2000mm / 78 3/4"

#### ELECTRICAL

Lamp Type: LED Input Wattage (W): 70 Total Output Wattage (W): 63 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 700

Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 5450 CRI: >93 CRI Lamp Life (hrs): 50000

### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards IP rating: IP20

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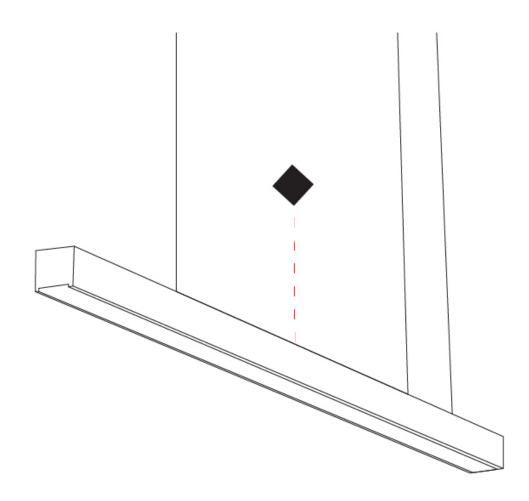
1600mm 63"

60mm 2 3/8" Direct





D71018-





## **LED60 SUSPENSION**

D71019-

base number

Color	Finish
Temperature	Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Woodlin	
Subseries: LED60	
Brand: Tunto	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

#### PHYSICAL

Shape: Rectangle
Length (mm): 2000
Length (in): 78 <sup>3</sup> / <sub>4</sub>
Width (mm): 60
Width (in): 2 <sup>3</sup> / <sub>8</sub>
Height (mm): 60
Height (in): 2 <sup>3</sup> / <sub>8</sub>
Max. Overall Height (mm): 2060
Max. Overall Height (in): 81 ½
Light Distribution: Direct
Diffuser: Opal
Fixture Finish: WAL / ASH / OAK / BLK / WHI
Fixture Material: Wood
Cable Details: 2000mm / 78 3/4"

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 90
Total Output Wattage (W): 75.9
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

#### LED

Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 6550	
CRI: >93 CRI	
Lamp Life (hrs): 50000	

#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards
IP rating: IP20

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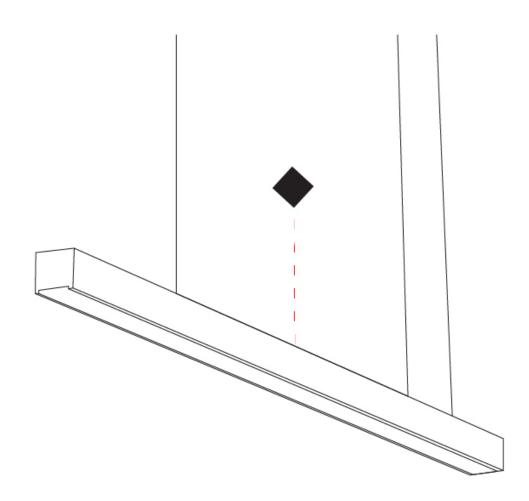
2000mm 78 3/4"







D71019-





## **LED60 SUSPENSION**

D71020base number Color

Color	Finish
Temperature	Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### **GENERAL**

Series: Woodlin
Subseries: LED60
Brand: Tunto
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile

#### PHYSICAL

Shape: Rectangle
Length (mm): 2400
Length (in): 94 ½
Width (mm): 60
Width (in): 2 ¾
Height (mm): 60
Height (in): 2 ¾
Max. Overall Height (mm): 2060
Max. Overall Height (in): 81 ½
Light Distribution: Direct
Diffuser: Opal
Fixture Finish: WAL / ASH / OAK / BLK / WHI
Fixture Material: Wood
Cable Details: 2000mm / 78 3/4"

#### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 110
Total Output Wattage (W): 88.8
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

#### LED

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 8750

CRI: >93 CRI

Lamp Life (hrs): 50000

### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

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2400mm 94 1/2"

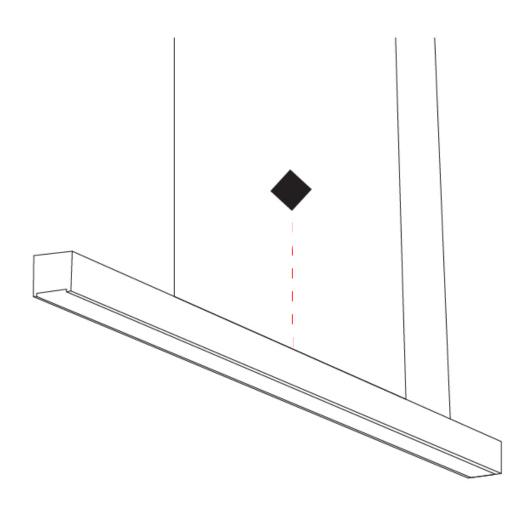
60mm 2 3/8"





D71020-

PROJECT	
ТУРЕ	
SPECIFIER	
QUANTITY	
DATE	







## **WOODLIN**

COLOR FINISH CHART

	PROJECT
	TYPE
	SPECIFIER
	QUANTITY
	DATE

#### **Fixture Finish**









White - WHI

**Digital:** Not all screens are calibrated the same, and therefore, colors will appear differently between screens. **Physical:** When texture is involved, there will be variations in color, character and tone within a product series and between product families.

Wood is a living, organic material. Hence, the patterns and hues can very, and can change as the material ages. We are not responsible for any natural material transformation and development.





## **WOODLIN**

PROJECT
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## **LEGEND**

100				-	1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
<u></u>	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable	in the second	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	<b>℃</b>	color temperature
X	direct/indirect light distribution	s s	super spot	(LM)	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
$\overline{\Lambda}$	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	30	walk on
$\Box$	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>□</b> ←,→	minimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	ceiling thickness in mm		luminaire part to be colored (F3)	4	blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	<b>(</b> )	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>•</b>	sensor	0	direct diffuser	շ <b>(</b> Մ) սո	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	<b>(II</b> )	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	<b>Z</b>	Certified for North American Standards

## **IP RATING**

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

## **IK RATING**

above the surface)

IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
<b>ІКОЗ</b>	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
1K06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) $$
IKOB	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm