

## LED60 SUSPENSION

### D71015-

base number                              
 Color                      Finish  
 Temperature              Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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  
 Partner: Tunto  
 Division: Design  
 Installation: Suspension  
 Product Type: Linear Profiles  
 Mounting Location: Ceiling  
 Light Distribution: Direct

#### PHYSICAL

Shape: Rectangle  
 Length (mm): 700  
 Length (in): 27 <sup>9</sup>/<sub>16</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 <sup>1</sup>/<sub>8</sub>  
 Diffuser: Opal  
 Fixture Finish: [WAL / ASH / OAK / BLK / WHI](#)  
 Fixture Material: Wood  
 Primary Material: Wood  
 Cable Details: 2000mm / 78 3/4"

#### 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

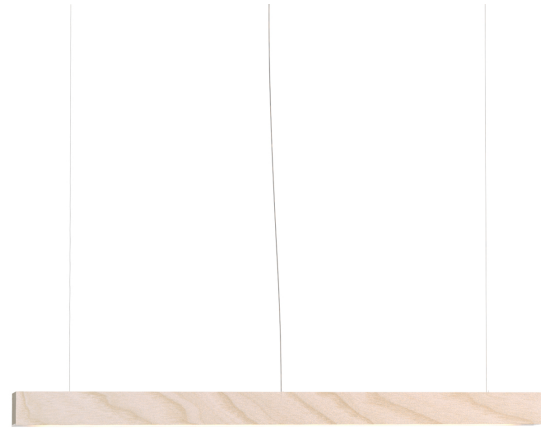
Color Temperature (°K): [2700 / 3000 / 4000](#)  
 Max. Delivered Lumen (lm): 2180  
 CRI: >93 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



700mm 27 <sup>9</sup>/<sub>16</sub>"

60mm 2 <sup>3</sup>/<sub>8</sub>"



Direct



## LED60 SUSPENSION

D71015-

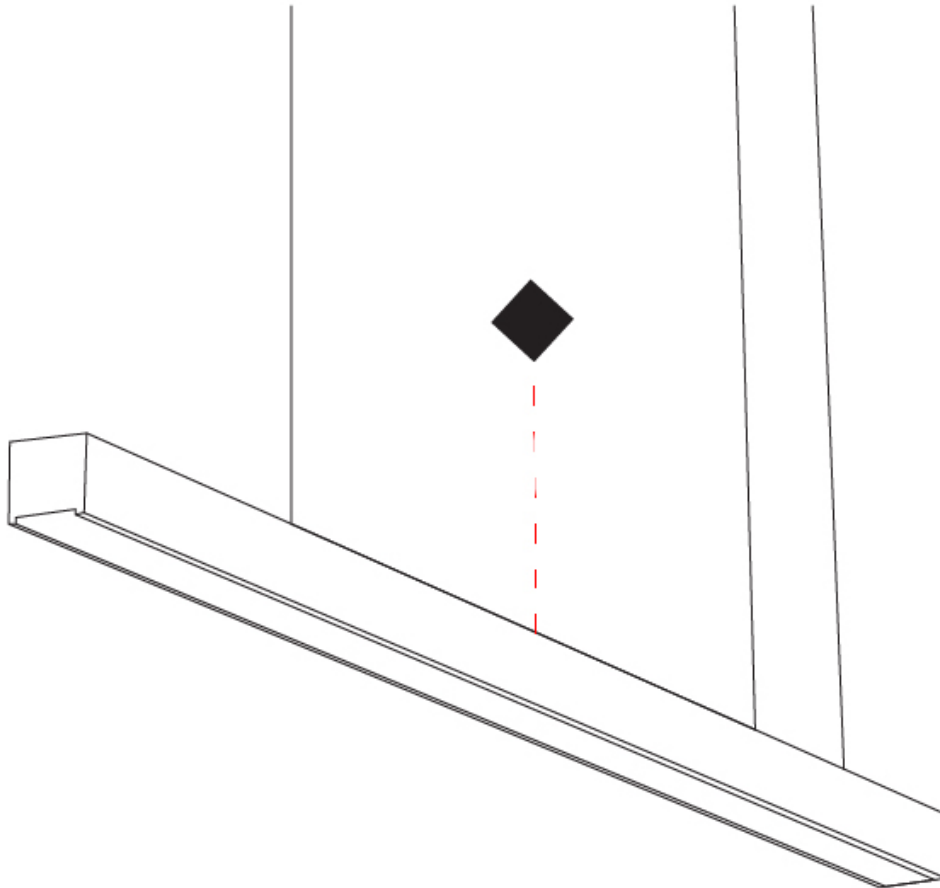
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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

## LED60 SUSPENSION

### D71016-

base number    Color    Finish  
 Temperature    Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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  
 Partner: Tunto  
 Division: Design  
 Installation: Suspension  
 Product Type: Linear Profiles  
 Mounting Location: Ceiling  
 Light Distribution: Direct

#### PHYSICAL

Shape: Rectangle  
 Length (mm): 1000  
 Length (in): 39 3/8  
 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 1/8  
 Diffuser: Opal  
 Fixture Finish: [WAL / ASH / OAK / BLK / WHI](#)  
 Fixture Material: Wood  
 Primary 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

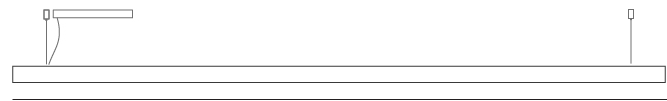
#### LED

Color Temperature (°K): [2700 / 3000 / 4000](#)  
 Max. Delivered Lumen (lm): 3240  
 CRI: >93 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



1000mm 39 3/8"

60mm 2 3/8"



Direct



## LED60 SUSPENSION

D71016-

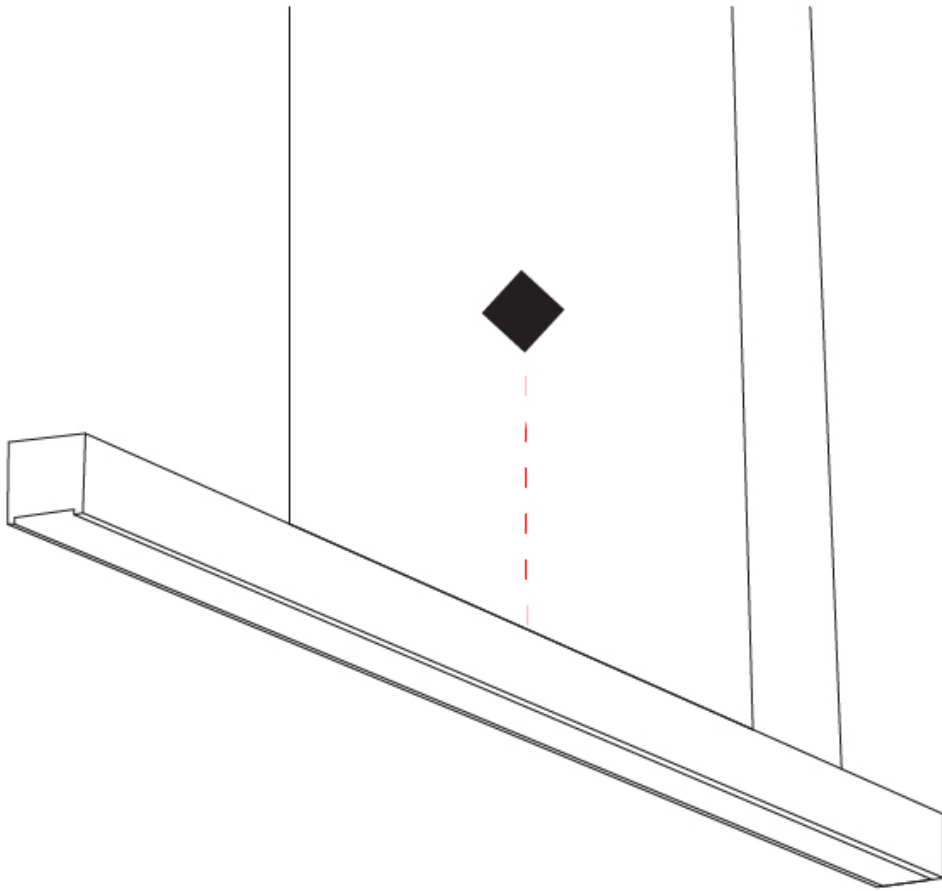
PROJECT

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SPECIFIER

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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

## LED60 SUSPENSION

### D71017-

base number                                      
 Color            Temperature    Finish            Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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  
 Partner: Tunto  
 Division: Design  
 Installation: Suspension  
 Product Type: Linear Profiles  
 Mounting Location: Ceiling  
 Light Distribution: Direct

#### PHYSICAL

Shape: Rectangle  
 Length (mm): 1300  
 Length (in): 51 3/8  
 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 1/8  
 Diffuser: Opal  
 Fixture Finish: [WAL / ASH / OAK / BLK / WHI](#)  
 Fixture Material: Wood  
 Primary 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

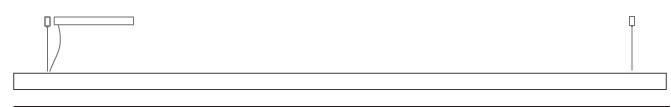
#### LED

Color Temperature (°K): [2700 / 3000 / 4000](#)  
 Max. Delivered Lumen (lm): 4380  
 CRI: >93 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



1300mm 51 3/8"

60mm 2 3/8"



Direct



## LED60 SUSPENSION

D71017-

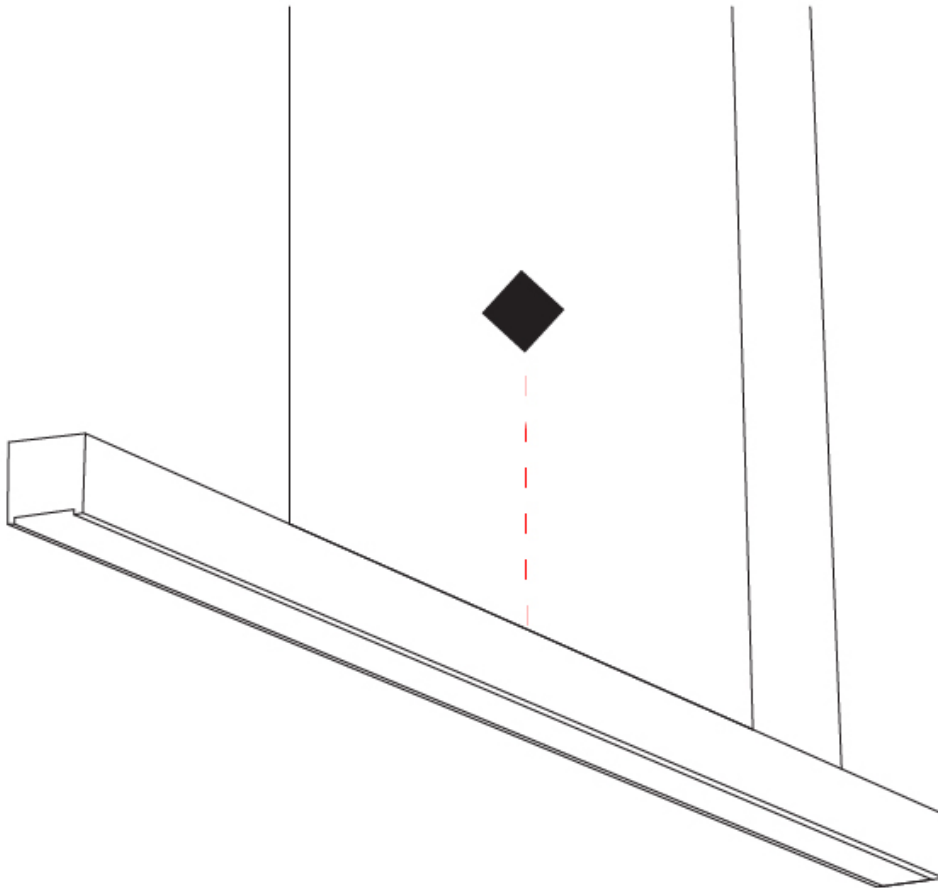
PROJECT

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PROJECT
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DATE

## LED60 SUSPENSION

### D71018-

base number    Color    Finish  
 Temperature    Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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  
 Partner: Tunto  
 Division: Design  
 Installation: Suspension  
 Product Type: Linear Profiles  
 Mounting Location: Ceiling  
 Light Distribution: Direct

#### PHYSICAL

Shape: Rectangle  
 Length (mm): 1600  
 Length (in): 63  
 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 1/8  
 Diffuser: Opal  
 Fixture Finish: WAL / ASH / OAK / BLK / WHI  
 Fixture Material: Wood  
 Primary 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

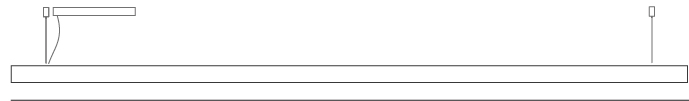
#### LED

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



1600mm 63"

60mm 2 3/8"



Direct



## LED60 SUSPENSION

D71018-

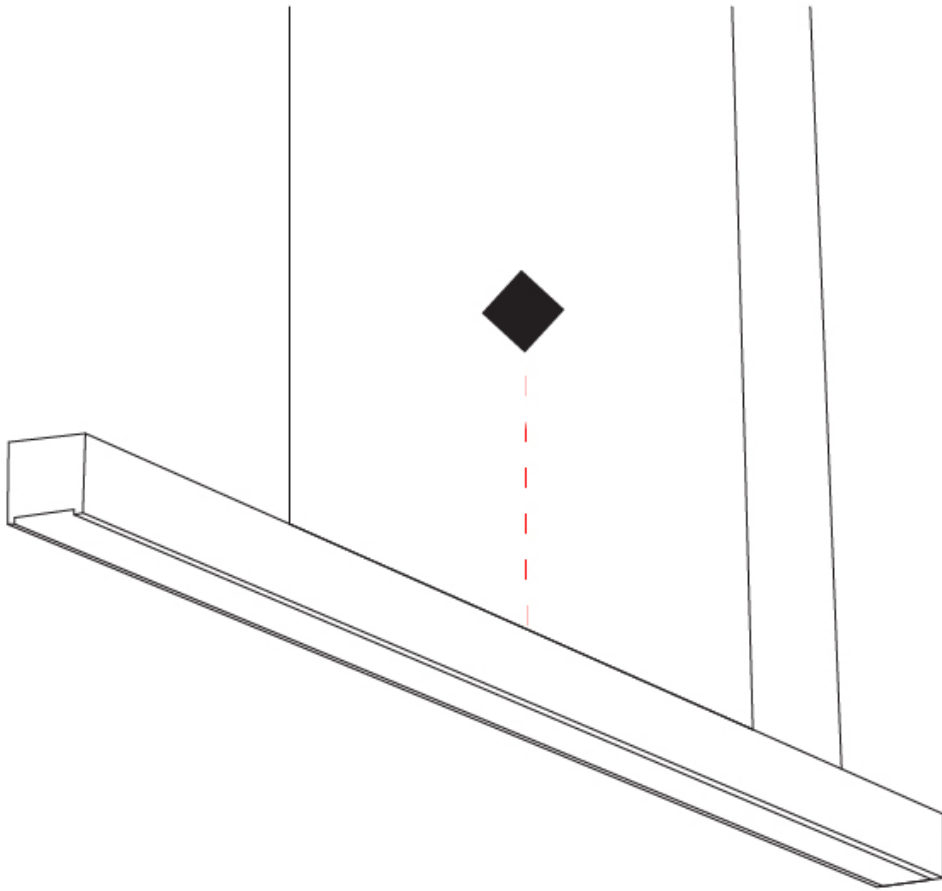
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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

## LED60 SUSPENSION

### D71019-

base number                          
 Color            Finish  
 Temperature    Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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  
 Partner: Tunto  
 Division: Design  
 Installation: Suspension  
 Product Type: Linear Profiles  
 Mounting Location: Ceiling  
 Light Distribution: Direct

#### PHYSICAL

Shape: Rectangle  
 Length (mm): 2000  
 Length (in): 78 ¾  
 Width (mm): 60  
 Width (in): 2 ⅜  
 Height (mm): 60  
 Height (in): 2 ⅜  
 Max. Overall Height (mm): 2060  
 Max. Overall Height (in): 81 ⅝  
 Diffuser: Opal  
 Fixture Finish: [WAL / ASH / OAK / BLK / WHI](#)  
 Fixture Material: Wood  
 Primary 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

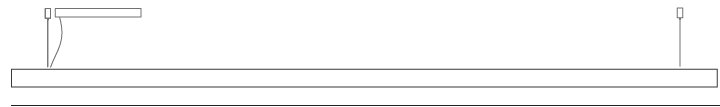
#### LED

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



2000mm 78 ¾"

60mm 2 ⅜"



Direct



## LED60 SUSPENSION

D71019-

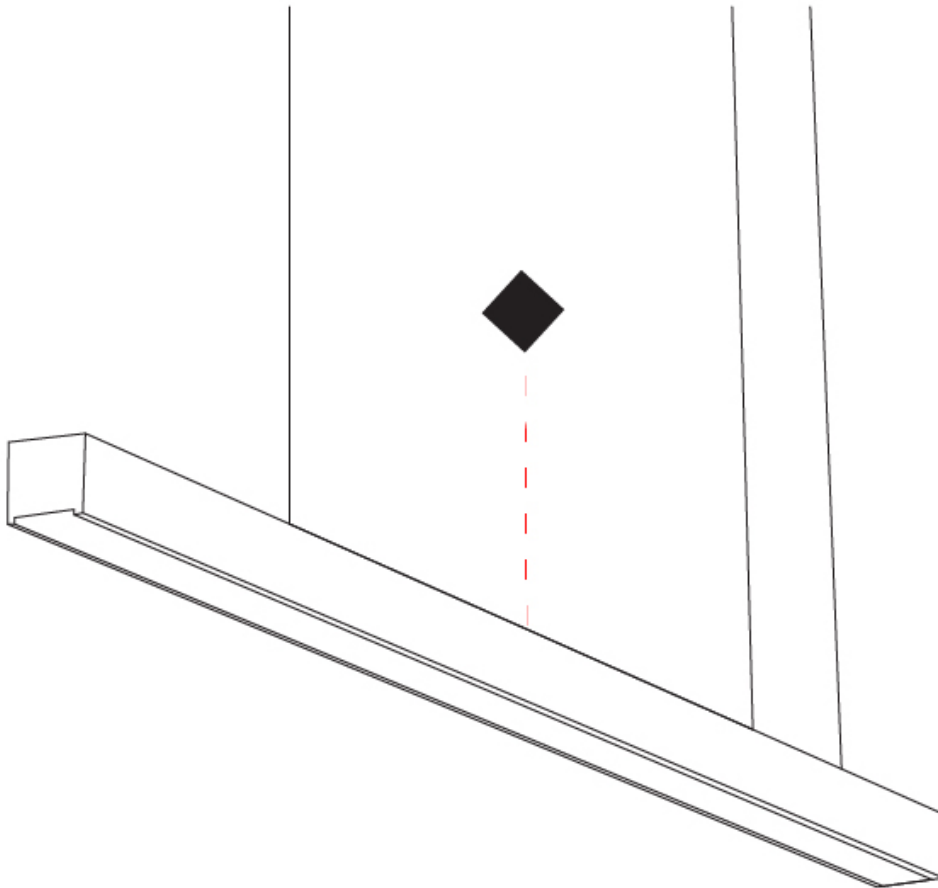
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

## LED60 SUSPENSION

### D71020-

base number                          
 Color            Finish  
 Temperature    Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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  
 Partner: Tunto  
 Division: Design  
 Installation: Suspension  
 Product Type: Linear Profiles  
 Mounting Location: Ceiling  
 Light Distribution: Direct

#### PHYSICAL

Shape: Rectangle  
 Length (mm): 2400  
 Length (in): 94 ½  
 Width (mm): 60  
 Width (in): 2 ⅜  
 Height (mm): 60  
 Height (in): 2 ⅜  
 Max. Overall Height (mm): 2060  
 Max. Overall Height (in): 81 ⅝  
 Diffuser: Opal  
 Fixture Finish: [WAL](#) / [ASH](#) / [OAK](#) / [BLK](#) / [WHI](#)  
 Fixture Material: Wood  
 Primary 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



2400mm 94 ½"

60mm 2 ⅜"



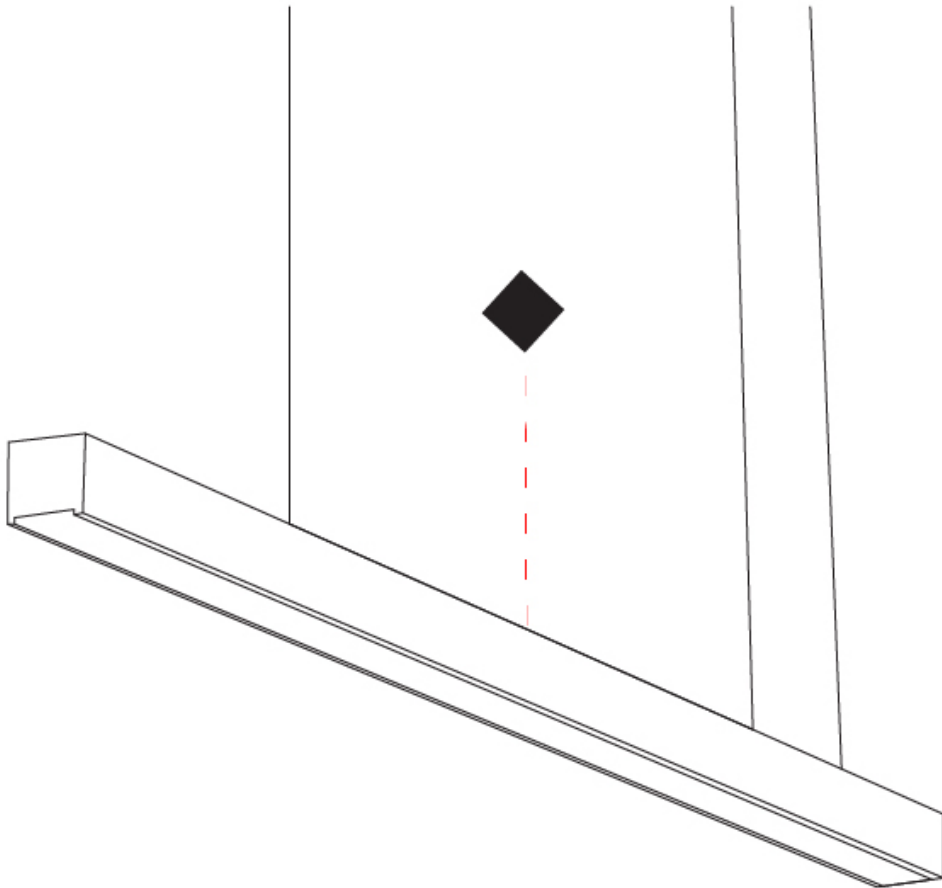
Direct



## LED60 SUSPENSION

D71020-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

## LED60 SURFACE

### D72014-

base number                          
 Color            Finish  
 Temperature    Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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  
 Partner: Tunto  
 Division: Design  
 Installation: Surface  
 Product Type: Linear Profiles  
 Mounting Location: Ceiling  
 Light Distribution: Direct

#### PHYSICAL

Shape: Rectangle  
 Length (mm): 400  
 Length (in): 15 3/4  
 Width (mm): 60  
 Width (in): 2 3/8  
 Height (mm): 60  
 Height (in): 2 3/8  
 Diffuser: Opal  
 Fixture Finish: [WAL](#) / [ASH](#) / [OAK](#) / [BLK](#) / [WHI](#)  
 Fixture Material: Wood  
 Primary Material: Wood

#### ELECTRICAL

Lamp Type: LED  
 Input Wattage (W): 16  
 Total Output Wattage (W): 12.6  
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)  
 Driver Included: Yes  
 Driver Location: Remote  
 Driver Type: Constant Current - Universal  
 Driver Class: Class 2  
 Housing: ENCP1  
 Input Voltage (V): 120 - 277  
 Constant Current (MA): 700

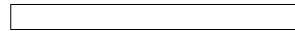
#### LED

Color Temperature (°K): [2700](#) / [3000](#) / [4000](#)  
 Max. Delivered Lumen (lm): 1080  
 CRI: >93 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



400mm 15 3/4"

60mm 2 3/8"



Direct



## LED60 SURFACE

D72014-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

## LED60 SURFACE

### D72015-

base number                                      
 Color            Finish  
 Temperature    Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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  
 Partner: Tunto  
 Division: Design  
 Installation: Surface  
 Product Type: Linear Profiles  
 Mounting Location: Ceiling  
 Light Distribution: Direct

#### PHYSICAL

Shape: Rectangle  
 Length (mm): 700  
 Length (in): 27 <sup>3</sup>/<sub>16</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>  
 Diffuser: Opal  
 Fixture Finish: WAL / ASH / OAK / BLK / WHI  
 Fixture Material: Wood  
 Primary Material: Wood

#### ELECTRICAL

Lamp Type: LED  
 Input Wattage (W): 30  
 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: Remote  
 Driver Type: Constant Current - Universal  
 Driver Class: Class 2  
 Housing: ENCP1  
 Input Voltage (V): 120 - 277  
 Constant Current (MA): 700

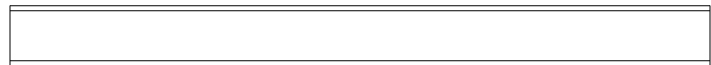
#### LED

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

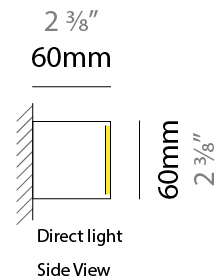
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



700mm 27 <sup>3</sup>/<sub>16</sub>"



## LED60 SURFACE

D72015-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

## LED60 SURFACE

### D72016- -

base number    Color    Finish  
 \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_  
 Temperature    Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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  
 Partner: Tunto  
 Division: Design  
 Installation: Surface  
 Product Type: Linear Profiles  
 Mounting Location: Ceiling  
 Light Distribution: Indirect

#### PHYSICAL

Shape: Rectangle  
 Length (mm): 400  
 Length (in): 15 ¾  
 Width (mm): 60  
 Width (in): 2 ⅜  
 Height (mm): 60  
 Height (in): 2 ⅜  
 Diffuser: Opal  
 Fixture Finish: WAL / ASH / OAK / BLK / WHI  
 Fixture Material: Wood  
 Primary Material: Wood

#### ELECTRICAL

Lamp Type: LED  
 Input Wattage (W): 16  
 Total Output Wattage (W): 12.6  
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)  
 Driver Included: Yes  
 Driver Location: Remote  
 Driver Type: Constant Current - Universal  
 Driver Class: Class 2  
 Housing: ENCP3  
 Input Voltage (V): 120 - 277  
 Constant Current (MA): 700

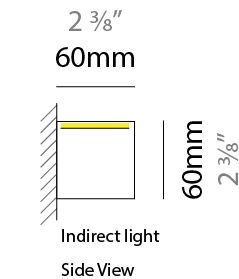
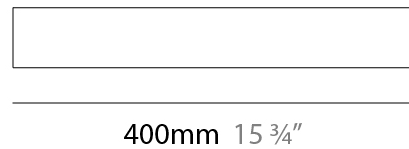
#### LED

Color Temperature (°K): 2700 / 3000 / 4000  
 Max. Delivered Lumen (lm): 1080  
 CRI: >93 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



D72016-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

## LED60 SURFACE

### D72017- -

base number                          
 Color            Temperature    Finish            Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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  
 Partner: Tunto  
 Division: Design  
 Installation: Surface  
 Product Type: Linear Profiles  
 Mounting Location: Ceiling  
 Light Distribution: Indirect

#### PHYSICAL

Shape: Rectangle  
 Length (mm): 700  
 Length (in): 27 <sup>9</sup>/<sub>16</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>  
 Diffuser: Opal  
 Fixture Finish: WAL / ASH / OAK / BLK / WHI  
 Fixture Material: Wood  
 Primary Material: Wood

#### ELECTRICAL

Lamp Type: LED  
 Input Wattage (W): 28  
 Total Output Wattage (W): 24  
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)  
 Driver Included: Yes  
 Driver Location: Remote  
 Driver Type: Constant Current - Universal  
 Driver Class: Class 2  
 Housing: ENCP1  
 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

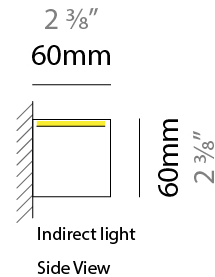
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



700mm 27 <sup>9</sup>/<sub>16</sub>"



## LED60 SURFACE

D72017-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

### Fixture Finish

Walnut Natural - WAL



Ash White Oil Waxed - ASH



Oak Natural - OAK



Black - BLK



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 vary, and can change as the material ages. We are not responsible for any natural material transformation and development.



### LEGEND

	floor-mounted		pivotal		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
	wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED
	ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered
	wall-mounted		color of suspension cable		fixture with natural vivid LED (upon request)
	omni-directional light distribution		length of suspension cable		color rendering index
	direct light distribution		reflector degree selection		color temperature
	direct/indirect light distribution		super spot		lumen (luminous flux)
	indirect light distribution		lens		efficacy (lumens per watt)
	asymmetric light distribution		lens pack		Unified Glare Rating (UGR) range from 5-40
	aura light distribution		shine ring		marine grade (AISI 316 stainless steel)
	round wall or ceiling cut-out		integrated shine ring with diffuser		walk on
	square wall or ceiling cut-out		free individual colors 01-29		drive on
	the supplied jig specifies the cutout dimensions		individual colors: 00 (free of charge), 01-25 (extra charge)		Dark Sky Compliance
	minimum distance (meters) lamp - object		luminaire part to be colored (F1)		Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)		acoustic material
	dimnable 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
	separately switchable		indirect diffuser		ETL Certified to UL and CSA Standards
	sensor		direct diffuser		UL Certified to UL and CSA Standards
	remote control		ball-proof (upon request)		CSA Certified to UL and CSA Standards
	available upon request		accessory		Certified for North American Standards

### IP RATING

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

### IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	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)