# **ZANEEN**®

## **LED60 SURFACE**

| D72016      | -     |
|-------------|-------|
| hasa numbar | 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: Surface            |  |
| Mounting Location: Wall / Ceiling |  |
| Subcategory: Profile              |  |

| Subcategory: Profile                        |
|---|
| PHYSICAL                                    |
| Shape: Rectangle                            |
| Length (mm): 400                            |
| Length (in): 15 3/4                         |
| Width (mm): 60                              |
| Width (in): 2 <sup>3</sup> / <sub>8</sub>   |
| Height (mm): 60                             |
| Height (in): 2 <sup>3</sup> / <sub>8</sub>  |
| Light Distribution: Indirect                |
| Diffuser: Opal                              |
| Fixture Finish: WAL / ASH / OAK / BLK / WHI |
| Fixture Material: Wood                      |

### ELECTRICAL

| LEECTRICAL  |
|---|
| 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  |
|   |

### LED

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

## OPTICAL

### **RATINGS AND CERTIFICATIONS**

Constant Current (MA): 700

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

| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |



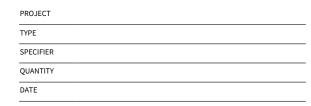
400mm 15 3/4"

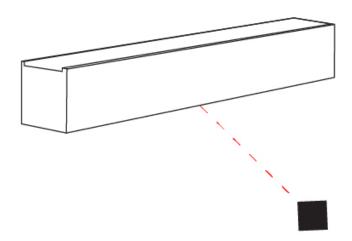
60mm 2 3/8" Direct





D72016-









| <b>D72</b> | 017- |
|------------|------|
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basa numb

| 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: Surface
Mounting Location: Wall / Ceiling
Subcategory: Profile

Subcategory: Profile

PHYSICAL

Shape: Rectangle

Length (mm): 700

Length (in): 27 %

Width (mm): 60

Width (in): 2 %

Height (mm): 60

Height (in): 2 %

Light Distribution: Indirect

Diffuser: Opal

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

Fixture 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

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700mm 27 %16"

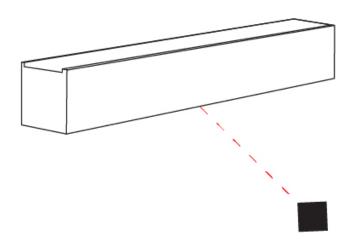
60mm 2 3/8"





D72017-









## D72018-

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: Surface Mounting Location: Wall / Ceiling Subcategory: Profile PHYSICAL Shape: Rectangle Length (mm): 400 Length (in): 15 3/4 Width (mm): 40 Width (in): 1 % 16 Height (mm): 40 Height (in): 1 % 16 Light Distribution: Indirect Diffuser: Opal Fixture Finish: WAL / ASH / OAK / BLK / WHI Fixture Material: Wood

**ELECTRICAL** Lamp Type: LED Input Wattage (W): 9 Total Output Wattage (W): 6.3 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: ENCP3 Input Voltage (V): 120 - 277 Constant Current (MA): 700

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

Max. Delivered Lumen (lm): 480 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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400mm 15 3/4"







D72018-

| PROJECT   |  |  |  |
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| TYPE      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |







base numb

| 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: Surface
Mounting Location: Wall / Ceiling
Subcategory: Profile

Mounting Type: Surface

Mounting Location: Wall / Ceiling

Subcategory: Profile

PHYSICAL

Shape: Rectangle

Length (mm): 700

Length (in): 27 % 6

Width (mm): 40

Width (in): 1 % 6

Height (mm): 40

Height (in): 1 % 6

Light Distribution: Indirect

Diffuser: Opal

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

Fixture Material: Wood

#### **ELECTRICAL**

Lamp Type: LED
Input Wattage (W): 16
Total Output Wattage (W): 12.6
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): 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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| SPECIFIER |  |  |
| QUANTITY  |  |  |
| DATE      |  |  |



700mm 27 %16"







D72019-

| PROJECT   |  |
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| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |







| D72020- |
|---------|
|---------|

base numb

| 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: Surface            |  |
| Mounting Location: Wall / Ceiling |  |
| Subcategory: Profile              |  |

| Mounting Type: Surface                      |
|---|
| Mounting Location: Wall / Ceiling           |
| Subcategory: Profile                        |
| PHYSICAL                                    |
| Shape: Rectangle                            |
| Length (mm): 1000                           |
| Length (in): 39 3/8                         |
| Width (mm): 40                              |
| Width (in): 1 <sup>9</sup> / <sub>16</sub>  |
| Height (mm): 40                             |
| Height (in): $1\frac{9}{16}$                |
| Light Distribution: Indirect                |
| 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: 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): 1300

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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| SPECIFIER |  |  |
| QUANTITY  |  |  |
| DATE      |  |  |



1000

1000mm 39 3/8"







D72020-

| PROJECT   |  |  |  |
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| TYPE      |  |  |  |
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basa numb

| 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: Surface            |  |
| Mounting Location: Wall / Ceiling |  |
| Subcategory: Profile              |  |

| Division: Design                             |
|--|
| Mounting Type: Surface                       |
| Mounting Location: Wall / Ceiling            |
| Subcategory: Profile                         |
| PHYSICAL                                     |
| Shape: Rectangle                             |
| Length (mm): 1300                            |
| Length (in): 51 <sup>3</sup> / <sub>16</sub> |
| Width (mm): 40                               |
| Width (in): 1 <sup>9</sup> / <sub>16</sub>   |
| Height (mm): 40                              |
| Height (in): 1 %,6                           |
| Light Distribution: Indirect                 |
| Diffuser: Opal                               |
| Fixture Finish: WAL / ASH / OAK / BLK / WHI  |
| Fixture Material: Wood                       |
|  |

| Fixture Material: Wood  |
|---|
| ELECTRICAL  |
| Lamp Type: LED  |
| Input Wattage (W): 29   |
| 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: 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): 1550

CRI: >93 CRI

Lamp Life (hrs): 50000

## OPTICAL

### RATINGS AND CERTIFICATIONS

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

| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |

1300mm 51 3/16"







D72021-

| PROJECT   |
|-----------|
| TYPE      |
| SPECIFIER |
| QUANTITY  |
| DATE      |





# **ZANEEN**®

## **LED40 SURFACE**

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| _  | _  | v | _ | _ | _ |

base numb

| 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: Surface
Mounting Location: Wall / Ceiling
Subcategory: Profile

Mounting Location: Wall / Ceiling
Subcategory: Profile

PHYSICAL

Shape: Rectangle
Length (mm): 1600
Length (in): 63
Width (mm): 40
Width (in): 1 <sup>3</sup>/<sub>16</sub>
Height (mm): 40
Height (in): 1 <sup>9</sup>/<sub>16</sub>
Light Distribution: Indirect
Diffuser: Opal
Fixture Finish: WAL / ASH / OAK / BLK / WHI
Fixture Material: Wood

#### **ELECTRICAL**

Lamp Type: LED
Input Wattage (W): 35
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: 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): 2100

CRI: >93 CRI

Lamp Life (hrs): 50000

#### **OPTICAL**

#### **RATINGS AND CERTIFICATIONS**

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

| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |

1600mm 63"







D72022-

| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |







## **WOODLIN**

COLOR FINISH CHART

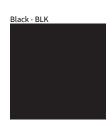
| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |

#### **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   |  |  |
|-----------|--|--|
| TYPE      |  |  |
| SPECIFIER |  |  |
| QUANTITY  |  |  |
| DATE      |  |  |

## **LEGEND**

| T at I                    |  |          |  |              | anasial LED (unan request) DCD_DCDW_tunable  |
|---------------------------|--|----------|--|--------------|--|
| <u></u>                   | floor-mounted  | ¥        | pivotable  | ⊛            | special LED (upon request) RGB, RGBW, tunable,<br>gold+, meat+, art+, fashion+                 |
| 7                         | wall and ceiling: recessed and surface mounted               | ى        | 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                                    | 1H00         | fixture with natural vivid LED (upon request)  |
| Y                         | omni-directional light distribution                          | ↓        | length of suspension cable                                   | CRI          | color rendering index  |
| À                         | direct light distribution                                    | Δ        | reflector degree selection                                   | (K)          | color temperature  |
| X                         | direct/indirect light distribution                           | s s      | super spot   | (X)          | 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                          | 3            | walk on  |
| Z)                        | square wall or ceiling cut-out                               |          | free individual colors 01-29                                 | <b>②</b>     | drive on   |
| <b>€</b> €                | the supplied jig specifies the cutout dimensions             | Ċ        | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC          | Dark Sky Compliance  |
| <b>d</b> • <sub>*</sub> → | 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   |
| 1                         | ceiling thickness in mm                                      | •        | luminaire part to be colored (F3)                            |              | blown glass using traditional methods by master glass blower                                   |
| 1                         | ceiling thickness selection                                  |          | luminaire part to be colored (F4)                            | <b>4</b> ⊚   | 100  |
|                           | 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/<br>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>9</b>                  | sensor   | 0        | direct diffuser  | ։ (Մ) us     | 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<br>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<br>protected against jets of water  |
| IP66 | protected against ingress of dust<br>protected against powerful jets of water or heavy seas   |
| IP67 | protected against ingress of dust<br>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**

| 100000      | 281496400 28-24-24-384-38-3-24-24-3-2-24-3-3-2-4-3-3-3-3-3-3-3-3-                                     |
|-------------|---|
| 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)     |
| IK08        | 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 above the surface)  $\,$