

## A300001-

base number	LED	Color	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature	(Diamond)	(Triangle)	with Ring	Lengt

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: Sign Diva	
Subseries: Sign Diva	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

PHYSICAL
Shape: Round
Diameter (mm): 200
Diameter (in): 7 1/8
Height (mm): 72
Height (in): 2 13/16
Max. Overall Height (mm): 2072
Max. Overall Height (in): 81 $^{9}\!\!/_{16}$
Light Distribution: Direct
Weight (kg): 1.732
Weight (lbs): 3.818

Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage Industrial with Shine Ring

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

Cable Details: 2000mm or 6000mm Transparent Cable

### ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 12.1
Total Output Wattage (W): 11

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): 350

### LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 776 / 970 / 980 / 1000

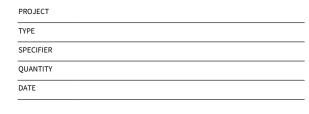
CRI: >90 CRI

Lamp Life (hrs): 50000

### OPTICAL

## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards



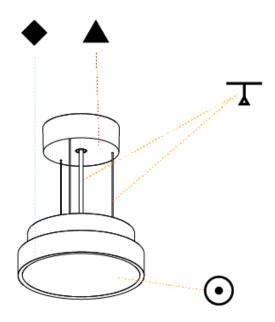






A300001-

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## A300002-

base number	LED	Color	Finishes	Finishes	Diffu
	Dimming	Temperature	(Diamond)	(Triangle)	with

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: Sign Diva	
Subseries: Sign Diva	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 400
Diameter (in): 15 <sup>3</sup> / <sub>4</sub>
Height (mm): 72
Height (in): 2 13/16
Max. Overall Height (mm): 2072
Max. Overall Height (in): 81 1/16
Light Distribution: Direct
Weight (kg): 2.972
Weight (lbs): 6.55

Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage Industrial with Shine Ring

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

Cable Details: 2000mm or 6000mm Transparent Cable

### ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 19.8 Total Output Wattage (W): 16

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): 500

### LED

<u>Color Temperature (°K): 2700 / 3000 / 3500 /</u> 4000

Max. Delivered Lumen (lm): 1160 / 1733 / 1741 / 1776

CRI: >90 CRI

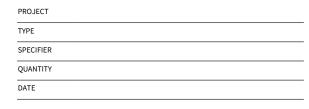
Lamp Life (hrs): 50000

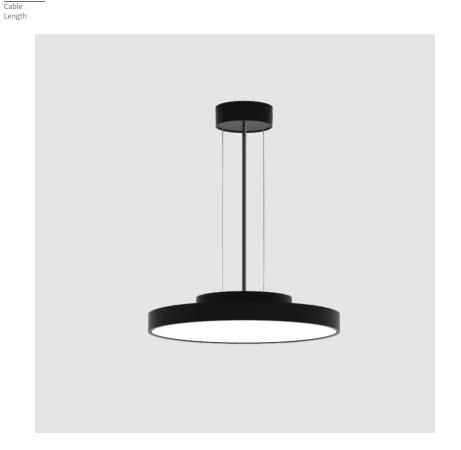
### OPTICAL

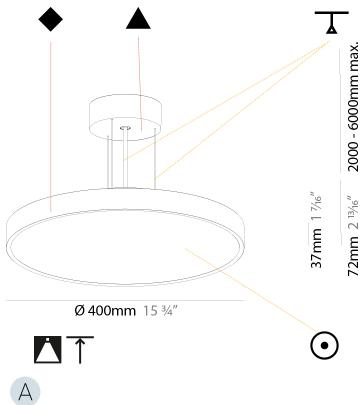
## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20





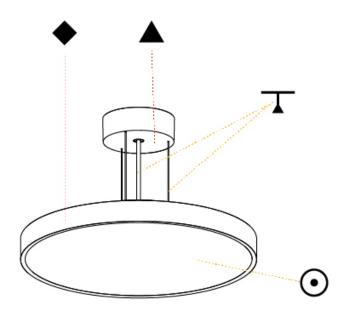


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TYPE	
SPECIFIER	
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DATE	







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base number	LED	Color	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature	(Diamond)	(Triangle)	with Ring	Length

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: Sign Diva	
Subseries: Sign Diva	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 570
Diameter (in): $22\frac{7}{16}$
Height (mm): 72
Height (in): 2 13/16
Max. Overall Height (mm): 6072
Max. Overall Height (in): 239 ½
Light Distribution: Direct
Weight (kg): 7.802
Weight (lbs): 17.2
Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage Industrial with Shine Ring

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /

# Cable Details: 2000mm or 6000mm Transparent Cable

ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 58.3
Total Output Wattage (W): 53

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

COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Extruded Aluminum / Steel

Driver Class: Class 2

Input Voltage (V): 120 - 277 Constant Current (MA): 350

### LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 5060 / 6120 / 6233 / 6360

CRI: >90 CRI

Lamp Life (hrs): 50000

## OPTICAL

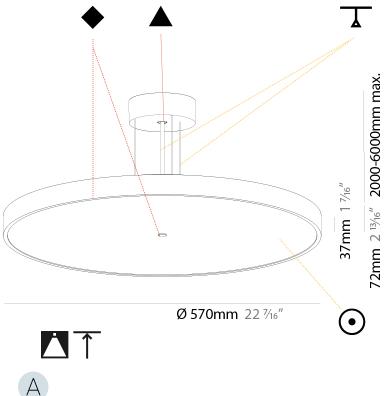
## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20



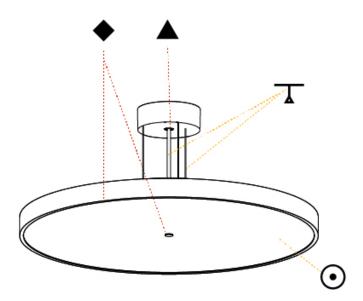




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## A300006-

base number Diffuser

Temperature (Diamond) (Triangle) Length

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: Sign Diva Subseries: Sign Diva Brand: Prolicht Division: Architectural Mounting Type: Suspension Mounting Location: Ceiling Subcategory: Pendant

**PHYSICAL** Shape: Round Diameter (mm): 850 Diameter (in): 33 1/16 Height (mm): 72 Height (in): 2 13/16 Max. Overall Height (mm): 6072 Max. Overall Height (in): 239 1/16 Light Distribution: Direct Weight (kg): 14.005 Weight (lbs): 30.88

Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage Industrial

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

Cable Details: 2000mm or 6000mm Transparent Cable

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 96.8

Total Output Wattage (W): 76.8

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): 600

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 7960 / 9950 / 10153 / 10360

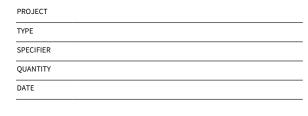
CRI: >90 CRI

Lamp Life (hrs): 50000

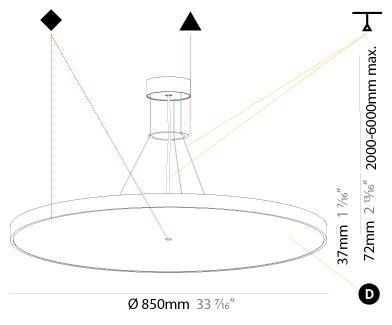
### OPTICAL

### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards





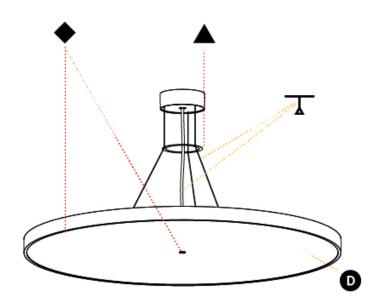






A300006-









## A300008-

base number (Triangle)

Temperature (Diamond) Length

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**

S	eries: Sign Diva
S	ubseries: Sign Diva
В	rand: Prolicht
D	ivision: Architectural
M	lounting Type: Suspension
M	lounting Location: Ceiling
S	ubcategory: Pendant

PHYSICAL
Shape: Round
Diameter (mm): 1100
Diameter (in): 43 <sup>5</sup> / <sub>16</sub>
Height (mm): 86
Height (in): $3\frac{3}{8}$
Light Distribution: Direct
Weight (kg): 19.475
Weight (lbs): 42.94

Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage Industrial

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

Cable Details: 2,000mm/78 3/4" or 6,000mm/236 1/4" Transparent Cable

ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 169.4
Total Output Wattage (W): 134
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): 600

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 16140 / 19520 / 19933 / 20340

CRI: >90 CRI

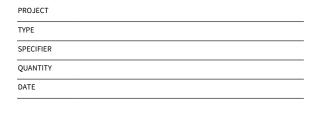
Lamp Life (hrs): 50000

### OPTICAL

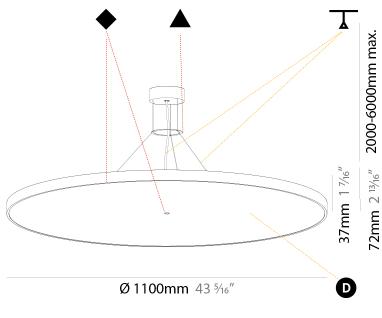
## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20





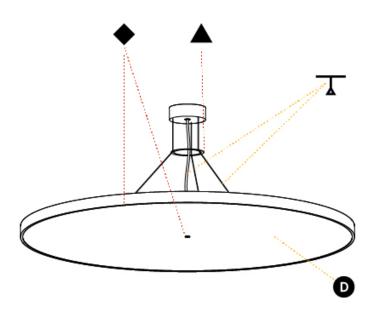




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A300008-







A300010	-		-	-	-	-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Diffuser	Cable

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

- 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: Sign Diva
Subseries: Sign Diva Korona
Brand: Prolicht
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant

PHYSICAL
Shape: Round
Diameter (mm): 200
Diameter (in): 7 1/8
Height (mm): 86
Height (in): 3 $\frac{3}{8}$
Light Distribution: Direct
Weight (kg): 1.873
Weight (lbs): 4.129
Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage Industrial

Industrial
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /

COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Extruded Aluminum / Steel

Lamp Type: LED (Zhaga Standard)

Cable Details: 2,000mm/78 3/4" or 6,000mm/236 1/4" Transparent Cable

### ELECTRICAL

Input Wattage (W): 10	
Total Output Wattage (W): 11	
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): 350	

### LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 836 / 895 / 903 / 921

Nominal Lumen (lm): 1280 / 1370 / 1382 / 1410

CRI: >90 CRI

Lamp Life (hrs): 50000

## OPTICAL

## RATINGS AND CERTIFICATIONS

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



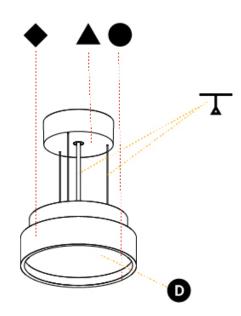






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A300011	L-		-	-	-	-	-
base number	LED	Color	Finishes	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)		Options

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

- 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: Sign Diva	
Subseries: Sign Diva Korona	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

PHYSICAL
Shape: Round
Diameter (mm): 400
Diameter (in): 15 <sup>3</sup> / <sub>4</sub>
Height (mm): 86
Height (in): 3 <sup>3</sup> / <sub>8</sub>
Light Distribution: Direct
Weight (kg): 3.302
Weight (lbs): 7.28
Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage Industrial

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

Lamp Type: LED (Zhaga Standard)

Cable Details: 2,000mm/78 3/4" or 6,000mm/236 1/4" Transparent Cable

## **ELECTRICAL**

Input Wattage (W): 17	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac on and 0-10V Dimming)	ly)
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1807 / 1943 / 1951 / 1991 Nominal Lumen (lm): 2250 / 2420 / 2430 / 2480 CRI: >90 CRI Lamp Life (hrs): 50000

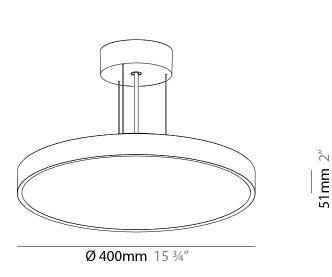
## OPTICAL

## **RATINGS AND CERTIFICATIONS**

Constant Current (MA): 500

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









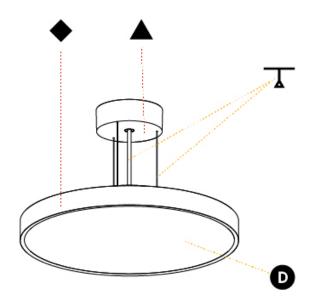
2000-6000mm max.

86mm 3 3/8"



A300011-









A300013	-		-	-	-	-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Diffuser	Cable Options

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QUANTI	TY		
DATE			

- 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: Sign Diva	
Subseries: Sign Diva Korona	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

PHYSICAL
Shape: Round
Diameter (mm): 570
Diameter (in): 22 ½
Height (mm): 86
Height (in): 3 $\frac{3}{8}$
Light Distribution: Direct
Weight (kg): 8.067
Weight (lbs): 17.78
Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

Cable Details: 2,000mm/78 3/4" or 6,000mm/236 1/4" Transparent Cable

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 49
Total Output Wattage (W): 46.9
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): 350

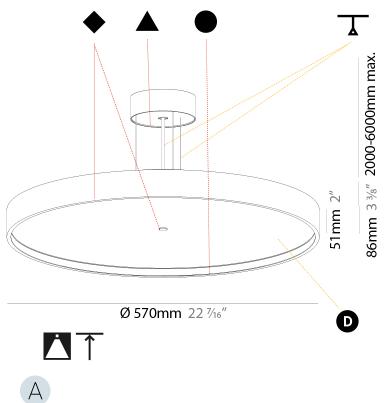
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 4978 / 5337 / 5384 / 5494 Nominal Lumen (lm): 6199 / 6646 / 6705 / 6842 CRI: >90 CRI Lamp Life (hrs): 50000

OPTICAL

## **RATINGS AND CERTIFICATIONS**

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



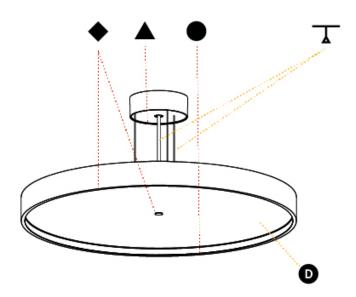






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base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Diffuser	Cable Options

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- 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: Sign Diva	
Subseries: Sign Diva Korona	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

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PHYSICAL
Shape: Round
Diameter (mm): 850
Diameter (in): 33 <sup>7</sup> / <sub>16</sub>
Height (mm): 86
Height (in): $3\frac{3}{8}$
Max. Overall Height (mm): 2086
Max. Overall Height (in): 82 $\frac{1}{8}$
Light Distribution: Direct
Weight (kg): 14.399
Weight (lbs): 31.74
Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /

COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel

Lamp Type: LED (Zhaga Standard)

Cable Details: 2000mm or 6000mm Transparent Cable

## **ELECTRICAL**

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 9094 / 9806 / 11385 / 11617

Nominal Lumen (lm): 10753 / 11596 / 13461 / 13736

CRI: >90 CRI

Lamp Life (hrs): 50000

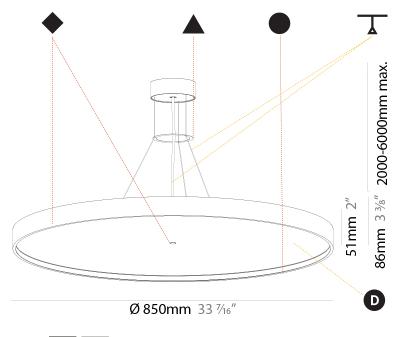
Constant Current (MA): 600

## OPTICAL

## **RATINGS AND CERTIFICATIONS**

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

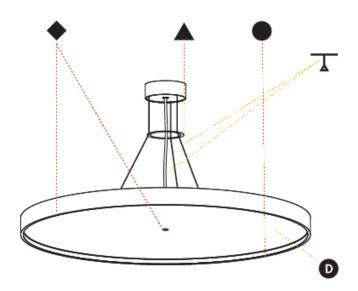








A300015-







A300017			-	-	-	-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Diffuser	Cable Options

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- 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: Sign Diva
Subseries: Sign Diva Korona
Brand: Prolicht
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling

Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 1100
Diameter (in): 43 <sup>5</sup> / <sub>16</sub>
Height (mm): 86
Height (in): $3\frac{3}{8}$
Max. Overall Height (mm): 2086
Max. Overall Height (in): 82 1/8
Light Distribution: Direct
Weight (kg): 19.986
Weight (lbs): 44.06
Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel
Cable Details: 2000mm or 6000mm Transparent Cable

### ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 145
Total Output Wattage (W): 135
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

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Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 15931 / 17172 / 19937 / 20344

Nominal Lumen (lm): 18837 / 20305 / 23575 / 24056

CRI: >90 CRI

Lamp Life (hrs): 50000

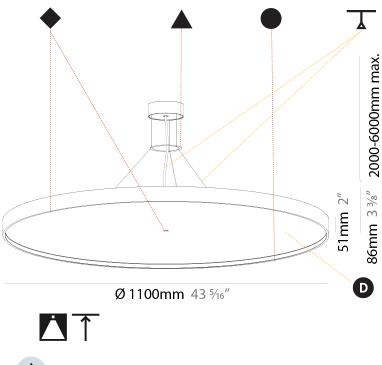
## OPTICAL

## RATINGS AND CERTIFICATIONS

Input Voltage (V): 120 - 277 Constant Current (MA): 600

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



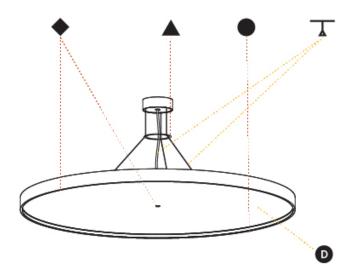






A300017-









Δ3	D	n	9	n	۱_

base number

Temperature (Diamond)

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: Sign Diva	
Subseries: Sign Diva	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 200
Diameter (in): $7\frac{7}{8}$
Height (mm): 75
Height (in): 2 15/16
Light Distribution: Direct
Weight (kg): 1.122
Weight (lbs): 2.474
Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial

with Shine Ring

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 12.1

Total Output Wattage (W): 11

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): 350

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 1040 / 1058 / 1080

CRI: >90 CRI

Lamp Life (hrs): 50000

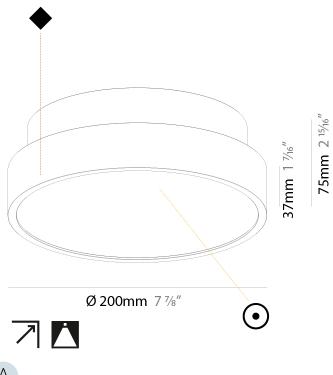
## OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



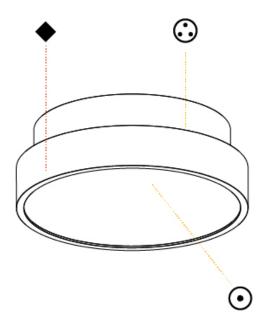






A3D090-

PROJECT	
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SPECIFIER	_
QUANTITY	_
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base number

Temperature (Diamond)

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: Sign Diva Subseries: Sign Diva Brand: Prolicht Division: Architectural Mounting Type: Surface Mounting Location: Ceiling

Subcategory: Ambient PHYSICAL Shape: Round Diameter (mm): 400 Diameter (in): 15 1/4 Height (mm): 75 Height (in): 2 15/16 Light Distribution: Direct Weight (kg): 2.306 Weight (lbs): 5.084

Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial with Shine Ring

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 19.8 Total Output Wattage (W): 16

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): 500

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 2260 / 2293 / 2340

CRI: >90 CRI

Lamp Life (hrs): 50000

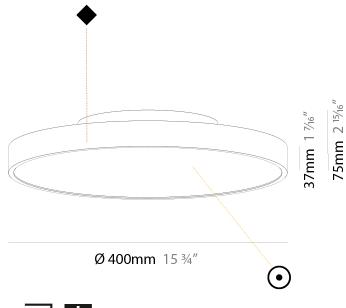
## OPTICAL

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



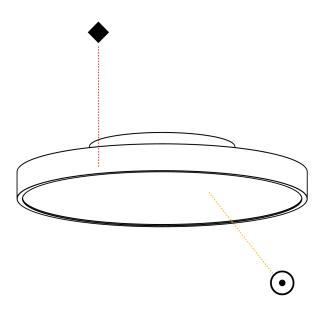






A3D091-

PROJECT	
TYPE	
SPECIFIER	_
QUANTITY	_
DATE	_







## A3D092-

base number

Temperature (Diamond)

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: Sign Diva Subseries: Sign Diva Brand: Prolicht Division: Architectural Mounting Type: Surface Mounting Location: Ceiling

Subcategory: Ambient PHYSICAL Shape: Round Diameter (mm): 570 Diameter (in): 22 1/16 Height (mm): 75 Height (in): 2 15/16 Light Distribution: Direct Weight (kg): 7.072 Weight (lbs): 15.591

Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial with Shine Ring

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 58.3 Total Output Wattage (W): 53

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): 350

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 6120 / 6233 / 6360

CRI: >90 CRI

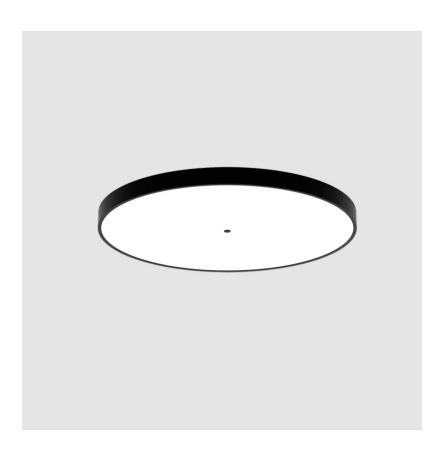
Lamp Life (hrs): 50000

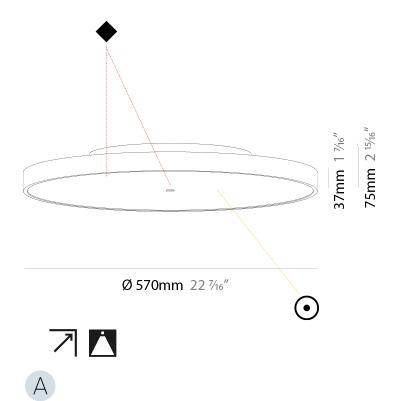
## OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

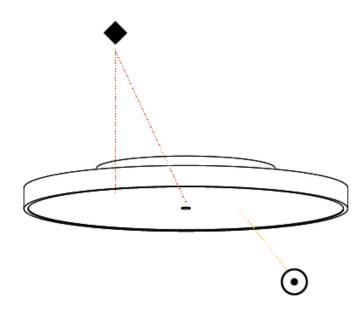








A3D092-







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base number

Temperature (Diamond)

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: Sign Diva	
Subseries: Sign Diva	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 850
Diameter (in): 33 <sup>7</sup> / <sub>16</sub>
Height (mm): 75
Height (in): 2 15/16
Light Distribution: Direct
Weight (kg): 12.925
Weight (lbs): 28.495
Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial

with Shine Ring

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 96.8

Total Output Wattage (W): 76.8

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): 600

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 11160 / 11388 / 11620

CRI: >90 CRI

Lamp Life (hrs): 50000

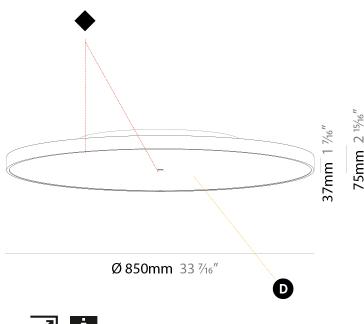
## OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





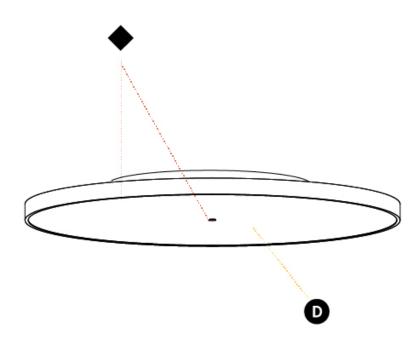






A3D093-









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Temperature (Diamond)

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: Sign Diva Subseries: Sign Diva Brand: Prolicht Division: Architectural Mounting Type: Surface Mounting Location: Ceiling

Subcategory: Ambient PHYSICAL Shape: Round Diameter (mm): 1100 Diameter (in): 43 1/16 Height (mm): 75 Height (in): 2 15/16 Light Distribution: Direct Weight (kg): 18.324 Weight (lbs): 40.397 Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial

with Shine Ring

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 169.4

Total Output Wattage (W): 134

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): 600

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 19520 / 19933 / 20340

CRI: >90 CRI

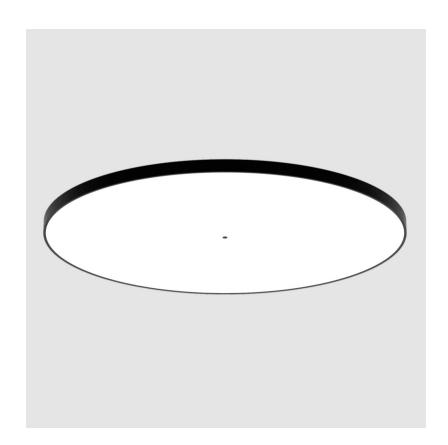
Lamp Life (hrs): 50000

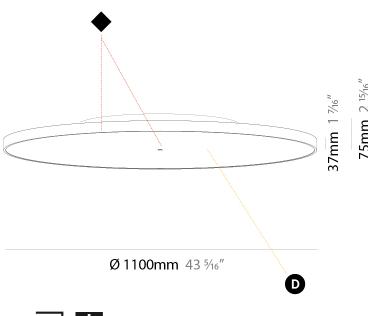
## OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards



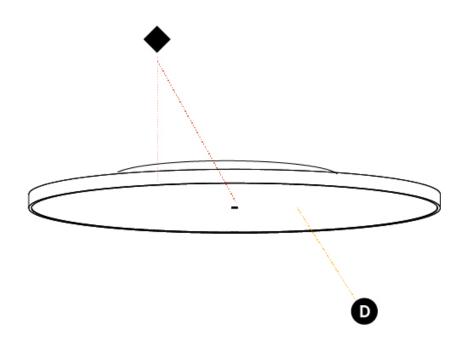








A3D094-







A3D100-			-	-	-
base number	LED	Color	Finishes	Finishes	Diffuser

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: Sign Diva	
Subseries: Sign Diva Korona	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

Subcutegory: / wilbicite
PHYSICAL
Shape: Round
Diameter (mm): 200
Diameter (in): $7\frac{7}{8}$
Height (mm): 89
Height (in): 3 ½
Light Distribution: Direct
Weight (kg): 1.263
Weight (lbs): 2.784
Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial

Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 12.1 Total Output Wattage (W): 11

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): 350

### LED

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 1040 / 1054 / 1080

CRI: >90 CRI Lamp Life (hrs): 50000

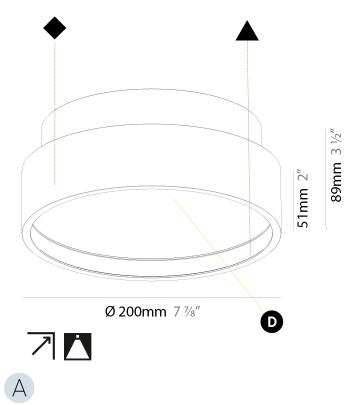
### OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

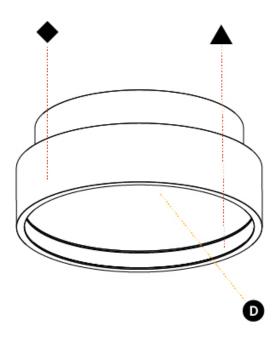
PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







A3D100-







A3D101-	•		-	-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Diffuser

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: Sign Diva	
Subseries: Sign Diva Korona	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

Subcategory, Ambient
PHYSICAL
Shape: Round
Diameter (mm): 400
Diameter (in): 15 <sup>3</sup> / <sub>4</sub>
Height (mm): 89
Height (in): 3 ½
Light Distribution: Direct
Weight (kg): 2.636
Weight (lbs): 5.811
Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial

Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 19.8 Total Output Wattage (W): 16

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: Yes
Driver Location: Integrated

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Driver Type: Constant Current - Universal Driver Class: Class 2

Input Voltage (V): 120 - 277 Constant Current (MA): 500

### LED

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 2260 / 2293 / 2340

CRI: >90 CRI Lamp Life (hrs): 50000

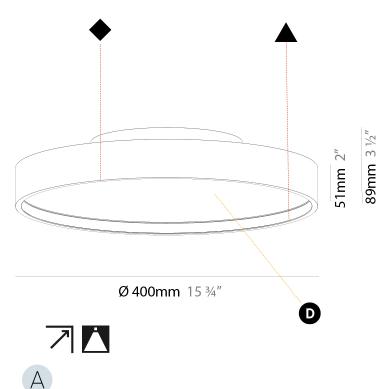
### OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

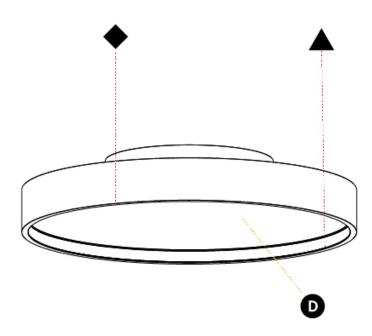








A3D101-







A3D102	-		-	-	-
base number	LED Dimming	Color	Finishes (Diamond)	Finishes (Triangle)	Diffuser

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: Sign Diva	
Subseries: Sign Diva Korona	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

Subcategory, Ambient
PHYSICAL
Shape: Round
Diameter (mm): 570
Diameter (in): 22 <sup>7</sup> / <sub>16</sub>
Height (mm): 89
Height (in): $3\frac{1}{2}$
Light Distribution: Direct
Weight (kg): 7.336
Weight (lbs): 16.173
Diffusor: PMMA Opal/Micro Priem/Sparkling Socret/Vintage Industrial

Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

## ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 58.3 Total Output Wattage (W): 53

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): 350

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 6120 / 6233 / 6360

CRI: >90 CRI

Lamp Life (hrs): 50000

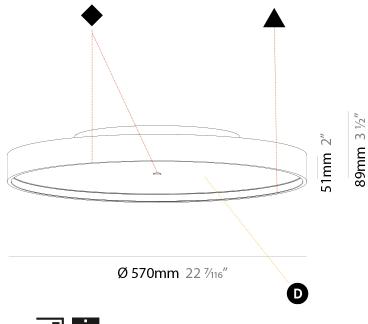
### OPTICAL

## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

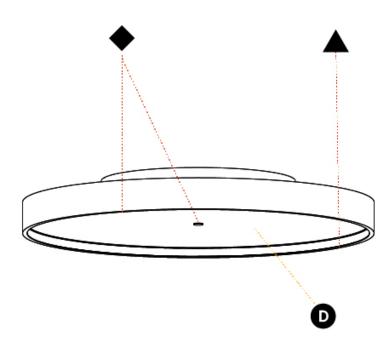








A3D102-







A3D103-	•		-	-	-	
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Diffuser	

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: Sign Diva	
Subseries: Sign Diva Korona	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

PHYSICAL
Shape: Round
Diameter (mm): 850
Diameter (in): 33 <sup>7</sup> / <sub>16</sub>
Height (mm): 89
Height (in): 3 ½
Light Distribution: Direct
Weight (kg): 13.244
Weight (lbs): 29.198
Diffuser: PMMA - Onal/Micro-Prism/Sparkling Secret/Vintage Industrial

 $\label{linear} $$ Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR$ 

Fixture Material: Extruded Aluminum / Steel

### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 96.8 Total Output Wattage (W): 76.8

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): 600

### LED

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 11160 / 11388 / 11620

CRI: >90 CRI Lamp Life (hrs): 50000

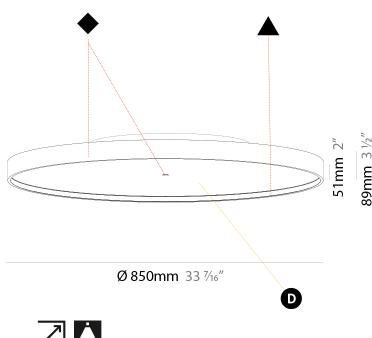
### OPTICAL

## RATINGS AND CERTIFICATIONS

 $\underline{\hbox{Certified By: Certified for North American Standards}}$ 

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

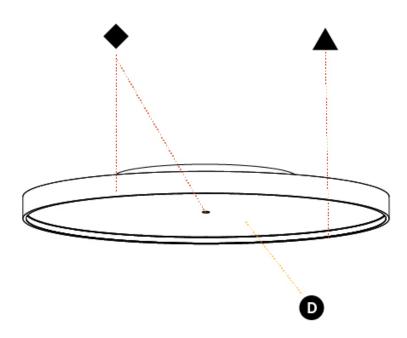








A3D103-







A3D104	-		-	-	-
base number	LED	Color	Finishes	Finishes	Diffuser

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: Sign Diva	
Subseries: Sign Diva Korona	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

Subcategory. Ambient
PHYSICAL
Shape: Round
Diameter (mm): 1100
Diameter (in): 43 ½
Height (mm): 89
Height (in): 3 ½
Light Distribution: Direct
Weight (kg): 18.835
Weight (lbs): 41.524
Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial

Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Extruded Aluminum / Steel

### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 169.4
Total Output Wattage (W): 134

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): 600

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 19520 / 19933 / 20340

CRI: >90 CRI Lamp Life (hrs): 50000

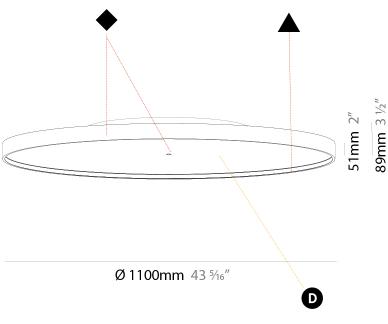
### OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards



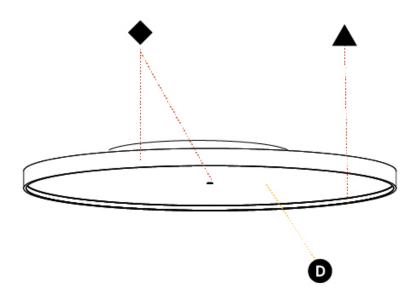








A3D104-







## **SIGN DIVA**

COLOR FINISH CHART

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

#### **Fixture Finish**



**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.

**Gun Metal:** No Gun Metal finish is alike. It combines a mixture of transparent and black color particles which ensures a highly individual effect and no luminaire being identical. **Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold:** These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.





## **SIGN DIVA**

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

# **LEGEND**

					special LED (upon request) PGB_PGBW_tunable
<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
$\overline{\uparrow}$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
$\dot{\Delta}$	direct light distribution		reflector degree selection	(K)	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
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	<b>3</b>	walk on
Z)	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)		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
C. CO	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser	. <b>.</b>	ETL Certified to UL and CSA Standards
<b>9</b>	sensor	0	direct diffuser	շ (Մը) us	UL Certified to UL and CSA Standards
	remote control	(1)	ball-proof (upon request)	<b>®</b> :	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	<b>②</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**

100000	2819904000 PA-24598000 DEVENOUS PARTIES O
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	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)  $\,$