

# A30348-

base number

Temperature (Diamond)

(Triangle)

Cable Length

Diffuser

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: Sign	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subsatagon a Dondant	

Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 650
Diameter (in): 25 % 16
Depth (mm): 120
Depth (in): 4 <sup>3</sup> / <sub>4</sub>
Max. Overall Height (mm): 2120
Max. Overall Height (in): 83 $\frac{7}{16}$
Light Distribution: Direct
Weight (kg): 8.505
Weight (lbs): 18.75

Diffuser: PMMA - Opal or Micro-Prism

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): 66.5 Total Output Wattage (W): 57

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): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 5535 / 6194 / 6358 / 6594

Nominal Lumen (lm): 7410 / 8292 / 8512 / 8828

CRI: >80 CRI

Efficiency (%): 73

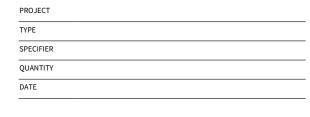
Lamp Life (hrs): 50000

## OPTICAL

Beam Angle: 110

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







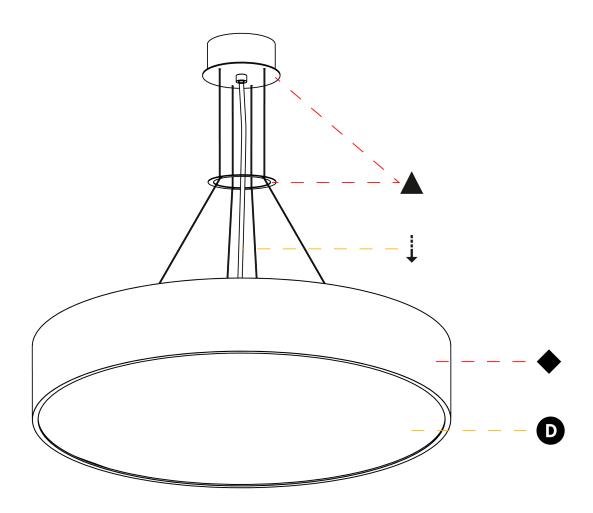




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# ZANEEN

# **SIGN SUSPENSION**

# A30352-

base number

Temperature (Diamond)

(Triangle)

Cable Length

Diffuser

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

## **PHYSICAL**

Shape: Round Diameter (mm): 950 Diameter (in): 37 1/8 Depth (mm): 120 Depth (in): 4 3/4

Max. Overall Height (mm): 2120 Max. Overall Height (in): 83 1/16

Light Distribution: Direct Weight (kg): 16.058 Weight (lbs): 35.40

Diffuser: PMMA - Opal or Micro-Prism

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): 129.5

Total Output Wattage (W): 111 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 1 Input Voltage (V): 120 - 277 Constant Current (MA): 500

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

Max. Delivered Lumen (lm): 11450 / 12319 / 12570

CRI: >80 CRI

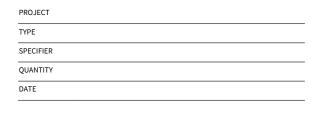
Lamp Life (hrs): 50000

OPTICAL

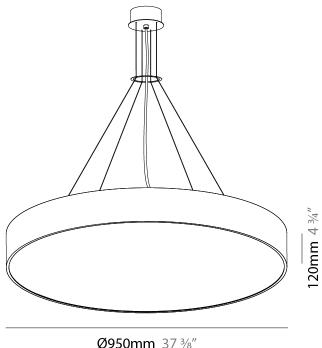
Beam Angle: 110

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







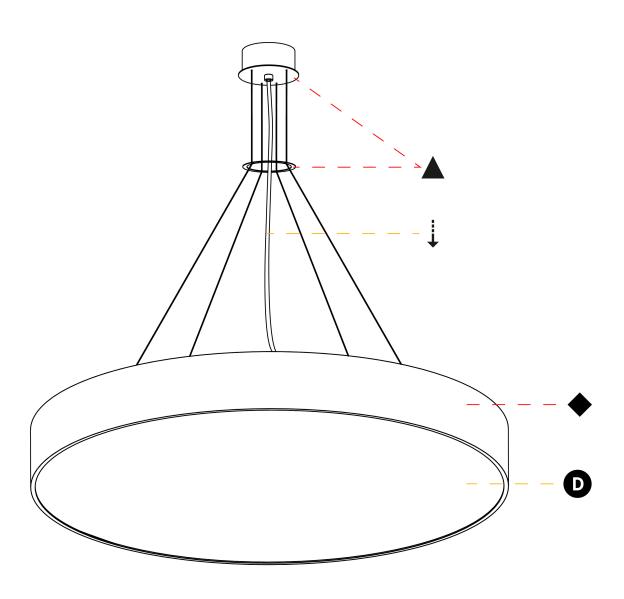






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# ZANEEN.

# **SIGN SUSPENSION**

# A30356-

base number

LED Color Finishes Cable
Dimming 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**

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

## **PHYSICAL**

Shap	e: R	oun	d	
Dian	neter	m)	m):	1250
		/· ·		. 3,

Diameter (in):  $49\frac{\%}{16}$ Height (mm): 120

Height (in): 4 1/4

Max. Overall Height (mm): 2120

Max. Overall Height (in): 83  $\frac{7}{16}$ 

Light Distribution: Direct

Weight (kg): 28.7 Weight (lbs): 63.27

Diffuser: PMMA - Opal

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): 213.5 Total Output Wattage (W): 183

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 1

Input Voltage (V): 120 - 277

Constant Current (MA): 500

## LED

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

Max. Delivered Lumen (lm): 18880 / 20306 / 20720

CRI: >80 CRI

Efficiency (%): 78

Lamp Life (hrs): 50000

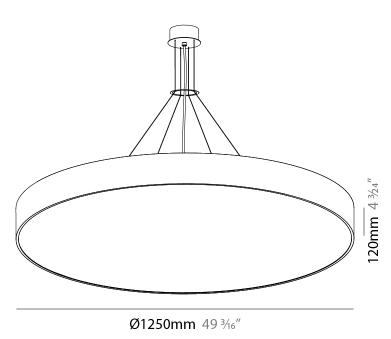
# OPTICAL

## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards





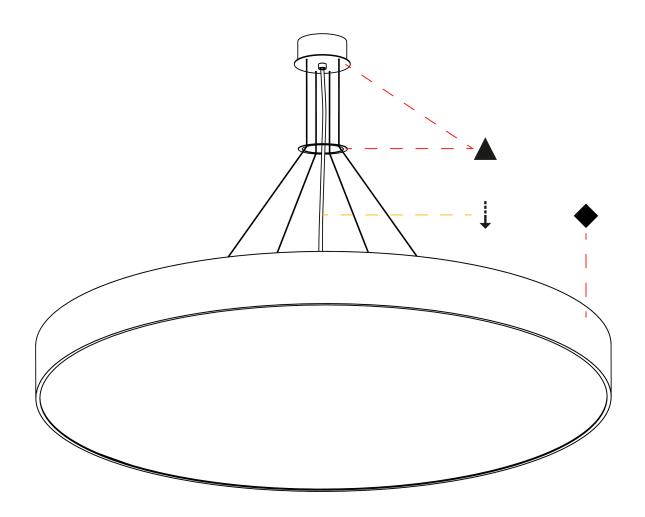






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# A30360-

base number

Diffuser Cable Temperature (Diamond) (Triangle) Options 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	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Fixture Material: Extruded Aluminum / Steel

COM / ABZ / JAG / OBR / MOS / ROR

Cable Details: 2000mm or 6000mm Transparent Cable

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 35 Total Output Wattage (W): 30 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)

LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /

and 0-10V Dimming)

Driver Included: Yes Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 1

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

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

Max. Delivered Lumen (lm): 3090 / 3332 / 3400

CRI: >80 CRI

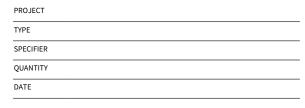
Efficiency (%): 73

Lamp Life (hrs): 50000

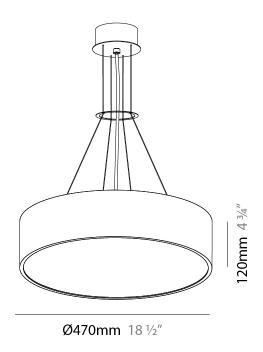
# OPTICAL

# **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards







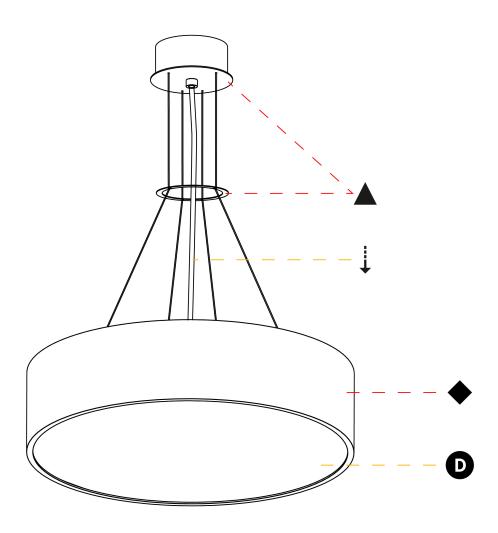




A30360-

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DATE







A37614-

base number LED

LED Dimming Color Temperature

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
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Ambient

mounting Type. Trifficess	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Round	
Diameter (mm): 300	
Diameter (in): 11 <sup>13</sup> / <sub>16</sub>	
Height (mm): 85	
Height (in): 3 <sup>3</sup> / <sub>8</sub>	
Min. Recessing Depth (mm): 100	
Min. Recessing Depth (in): 3 <sup>15</sup> / <sub>16</sub>	
Light Distribution: Direct	
Weight (kg): 1.296	
Weight (lbs): 2.857	
Diffuser: PMMA - Opal	
Fixture Material: Extruded Aluminur	n / Steel
Cut-out Measurements: 325mm / 12	13/16"
Upon Request: Unique Sizes Unique Depth Spot Inserts	Ceiling Thickness Unique Mounting

ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 14
Total Output Wattage (W): 13.8
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): 500
LED
Color Temperature (°K): 3000 / 4000

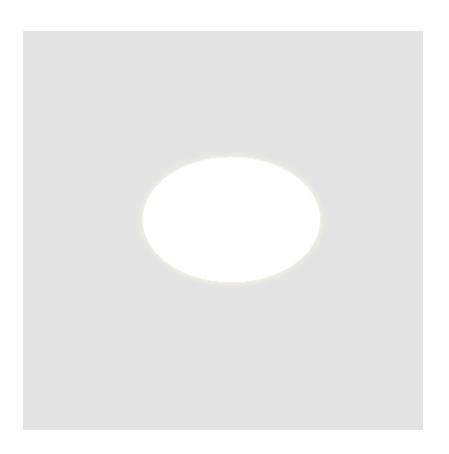
LED	
Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 1080 / 1294	
Nominal Lumen (lm): 1860 / 2220	
CRI: >80 CRI	
Efficiency (%): 65% (5mm Perspex) 68%	
Lamp Life (hrs): 50000	
Upon Request: RGB-W Tunable White Sp	ecial Color Temperature CRI90

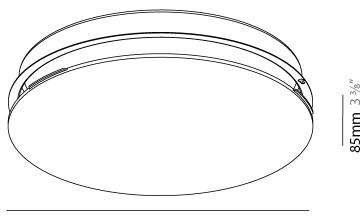
# OPTICAL

# RATINGS AND CERTIFICATIONS

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

PROJECT	
TYPE	
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DATE	





Ø 300mm 11<sup>13</sup>/<sub>16</sub>"

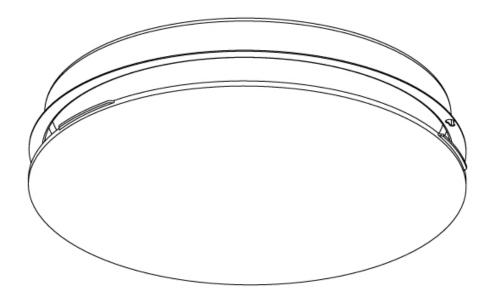






A37614-

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DATE	-





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# **SIGN TRIMLESS**

# A37618-

base number

LED Color Dimming Temper

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	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 380
Diameter (in): 14 15/16
Height (mm): 85
Height (in): 3 <sup>3</sup> / <sub>8</sub>
Light Distribution: Direct
Weight (kg): 2.086
Weight (lbs): 4.599
Diffuser: PMMA - Opal
Fixture Material: Extruded Aluminum / Steel
Cut-out Measurements: 405mm / 15 15/16"
Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mountin Depth Spot Inserts

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 25.3 / 22 (4000K)
Total Output Wattage (W): 22.9 / 20.1 (4000K)
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

## LED

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 2080 / 2038 / 1900

CRI: >80 CRI

Efficiency (%): 65% (5mm Perspex)|69%

Lamp Life (hrs): 50000

Upon Request: RGB Tunable White Special Color Temperature CRI90

## OPTICAL

# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
| Prating: IP20

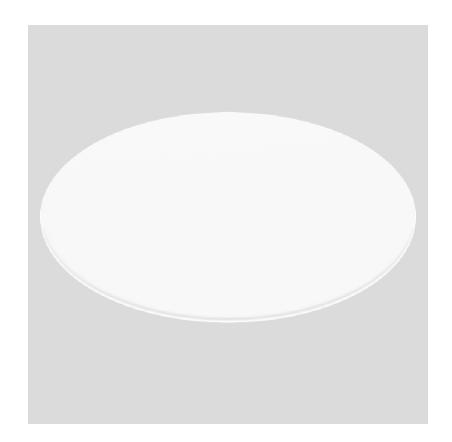
PROJECT

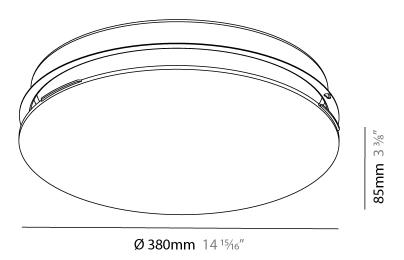
TYPE

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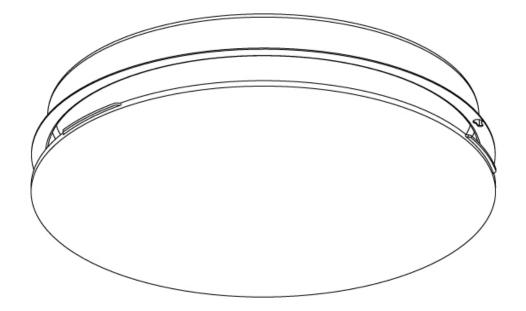






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# A37669-

base number

LED	Color
Dimming	Temperature

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	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Ambient	

PHYSICAL
Shape: Round
Diameter (mm): 140
Diameter (in): 5 ½
Height (mm): 124
Height (in): 4 1/8
Light Distribution: Direct
Weight (kg): 0.632
Weight (lbs): 1.39
Diffuser: PMMA - Opal
Fixture Material: Extruded Aluminum / Steel
Cut-out Measurements: 165mm / 6 1/2"

Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting **Depth Spot Inserts** 

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 8.8

Total Output Wattage (W): 8

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

Driver Included: Yes

Driver Location: External

Driver Type: constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 610 / 656 / 670

CRI: >80 CRI

Efficiency (%): 0.68

Lamp Life (hrs): 50000

Upon Request: RGB-W Tunable White Special Color Temperature CRI90

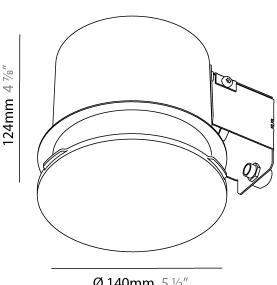
## OPTICAL

# **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20

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Ø 140mm 5 1/2"

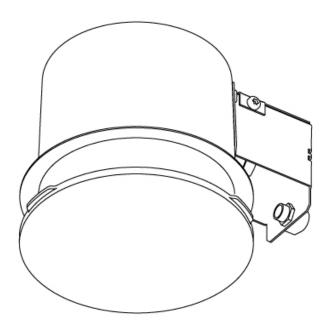


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A37674-

base number

LED Dimming Color Temperatur

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

	<del></del>
	Series: Sign
	Brand: Prolicht
	Division: Architectural
	Mounting Type: Trimless
	Mounting Location: Ceiling
	Subcategory: Ambient

Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 200
Diameter (in): 7 1/8
Height (mm): 155
Height (in): 6 ½
Light Distribution: Direct
Weight (kg): 1.338
Weight (lbs): 2.95
Diffuser: PMMA - Opal
Fixture Material: Extruded Aluminum / Steel
Cut-out Measurements: 225mm / 8 7/8"
Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting Depth Spot Inserts

# **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 13.2

Total Output Wattage (W): 12

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 / 4000

Max. Delivered Lumen (lm): 910

CRI: >80 CRI

Efficiency (%): 0.68

Lamp Life (hrs): 50000

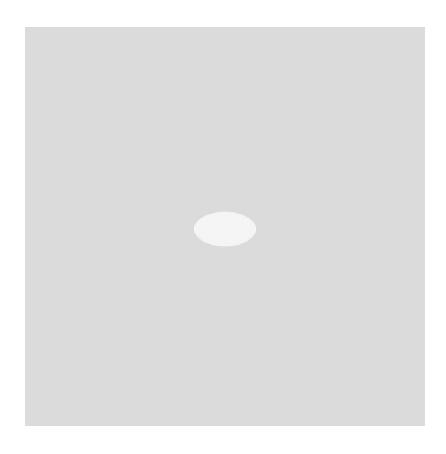
Upon Request: RGB-W Tunable White Special Color Temperature CRI90

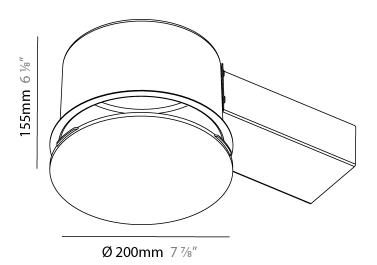
## OPTICAL

# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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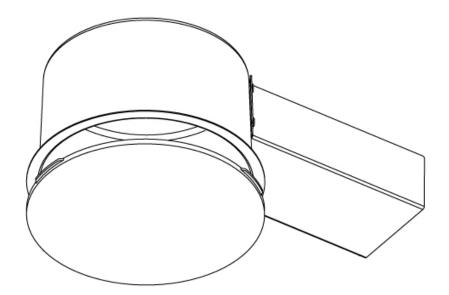






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A37697-

base number

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	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 630
Diameter (in): 24 <sup>13</sup> / <sub>16</sub>
Height (mm): 165
Height (in): 6 ½
Light Distribution: Direct
Weight (kg): 8.3
Weight (lbs): 18.298
Diffuser: PMMA - Opal
Fixture Material: Extruded Aluminum / Steel
Cut-out Measurements: 655mm / 25 13/16"
Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting Depth Spot Inserts
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# **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 66.5

Total Output Wattage (W): 57

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): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 5535 / 6194 / 6358 / 6594 Nominal Lumen (lm): 7410 / 8292 / 8512 / 8828 CRI: >80 CRI

Efficiency (%): 65% (5mm Perspex)|74%

Lamp Life (hrs): 50000

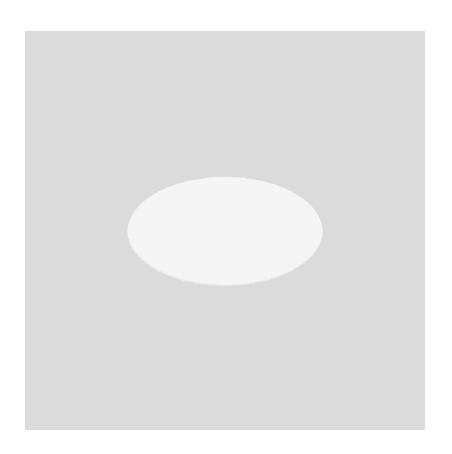
Upon Request: RGB-W Tunable White Special Color Temperature CRI90

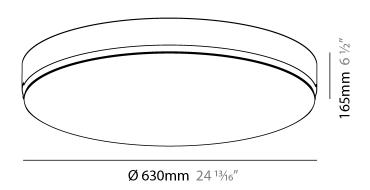
OPTICAL

# **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards





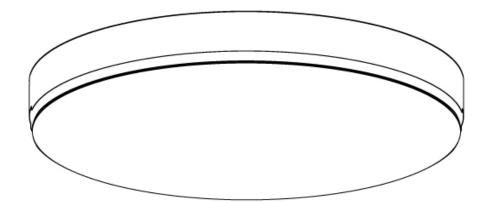






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A37701-

base number

LED Dimming Color Temperatur

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	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 930
Diameter (in): 36 ½
Height (mm): 165
Height (in): 6 ½
Light Distribution: Direct
Weight (kg): 16.1
Weight (lbs): 35.49
Diffuser: PMMA - Opal
Fixture Material: Extruded Aluminum / Steel
Cut-out Measurements: 955mm / 37 5/8"
Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting Depth Spot Inserts
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# **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 129.5 Total Output Wattage (W): 111

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

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

Max. Delivered Lumen (lm): 10779 / 12062 / 12382 / 12842 Nominal Lumen (lm): 14430 / 16148 / 16576 / 17191

CRI: >80 CRI

Efficiency (%): 65% (5mm Perspex)|77%

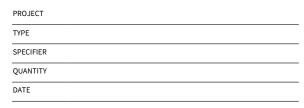
Lamp Life (hrs): 50000

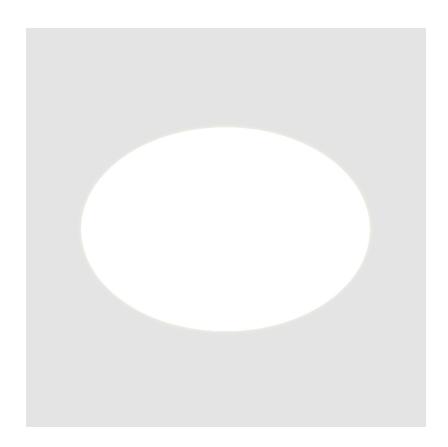
Upon Request: RGB-W Tunable White Special Color Temperature CRI90

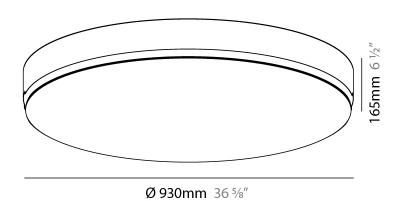
OPTICAL

# **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards







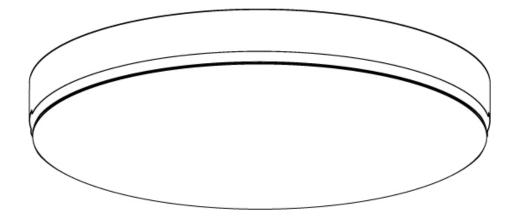






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A37705-

base number

LED Dimming Color Temperature

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
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Ambient

Mounting Type: Trimless

Mounting Location: Ceiling

Subcategory: Ambient

PHYSICAL

Shape: Round

Diameter (mm): 1230

Diameter (in): 48  $\frac{7}{16}$ Height (mm): 165

Height (in): 6  $\frac{1}{2}$ Light Distribution: Direct

Weight (kg): 26.9

Weight (lbs): 59.304

Diffuser: PMMA - Opal

Fixture Material: Extruded Aluminum / Steel

Cut-out Measurements: 1255mm / 49 7/16"

Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting

Depth Spot Inserts **ELECTRICAL** 

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 213.5

Total Output Wattage (W): 183

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

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

Max. Delivered Lumen (lm): 18650 / 20070 / 20480

CRI: >80 CRI

Efficiency (%): 65% (5mm Perspex)|80%

Lamp Life (hrs): 50000

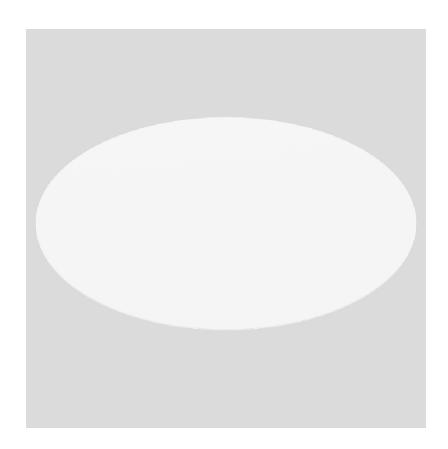
Upon Request: RGB-W Tunable White Special Color Temperature CRI90

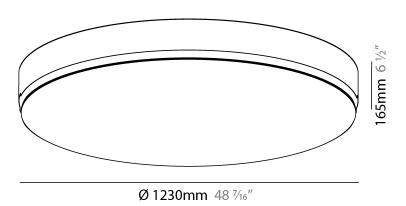
# OPTICAL

# RATINGS AND CERTIFICATIONS

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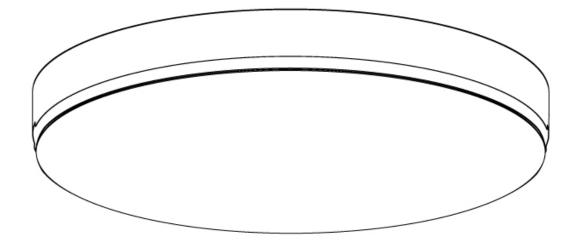






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# **ZANEEN**®

# **SIGN RECESSED**

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base number

LED Color Finishes
Dimming Temperature (Diamond)

Diffuser nd) 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: Sign	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

## **PHYSICAL**

Shape: Round
Diameter (mm): 313
Diameter (in): 12 $\frac{5}{16}$
Height (mm): 175

Height (in):  $6\frac{7}{8}$ Ceiling Thickness (mm): 10/12.5/15/25/30

Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 or 1 3/16

Min. Recessing Depth (mm): 175

Min. Recessing Depth (in):  $6\frac{7}{8}$ Light Distribution: Direct

Weight (kg): 3.229 Weight (lbs): 7.12

Diffuser: PMMA - Opal or Micro-Prism

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 Cut-out Measurements: 300mm / 11 13/16"

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 16.5
Total Output Wattage (W): 12.75

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 / 4000

Max. Delivered Lumen (lm): 1230 / 1264 / 1290

CRI: >80 CRI

Lamp Life (hrs): 50000

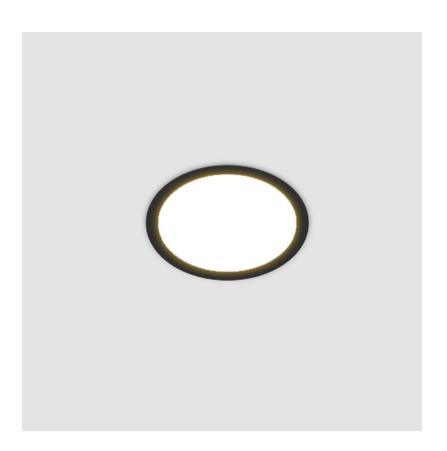
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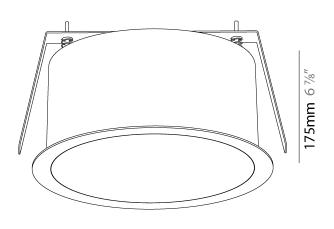
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IP rating: IP20

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Ø 313mm 12 5/16"









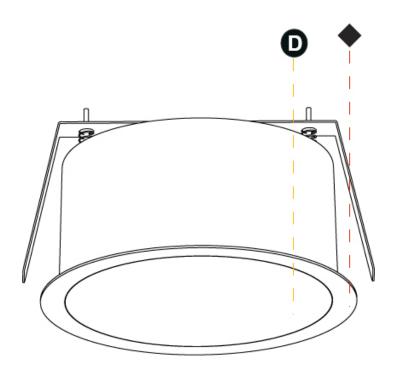






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# A37769-

base number

LED Color Finishes Diffuser
Dimming Temperature (Diamond) 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: Sign	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

### **PHYSICAL**

Shape: Round	
Diameter (mm):	393

Diameter (in): 15  $\frac{1}{2}$ 

Height (mm): 175

Height (in): 6 1/8

Ceiling Thickness (mm): 10 / 12.5 / 15 / 25 / 30

Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 or 1 3/16

Min. Recessing Depth (mm): 175

Min. Recessing Depth (in): 6  $\frac{7}{8}$ 

Light Distribution: Direct

Weight (kg): 4.327 Weight (lbs): 9.539

Diffuser: PMMA - Opal or Micro-Prism

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 Cut-out Measurements: 380mm / 14 15/16"

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 25.3 / 22 (4000K)

Total Output Wattage (W): 23 / 20 (4000K)

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

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 700

## LED

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 2110 / 2068 / 1930

CRI: >80 CRI

Efficiency (%): 68

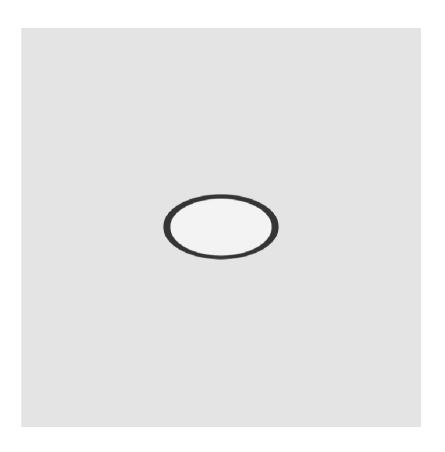
Lamp Life (hrs): 50000

## OPTICAL

# **RATINGS AND CERTIFICATIONS**

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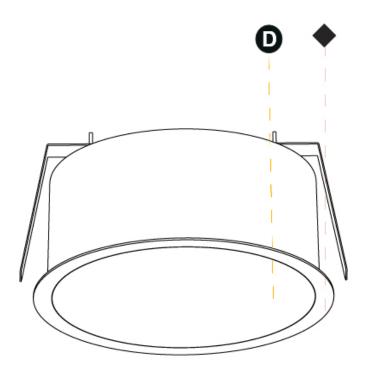






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base number

LED Color Finishes Diffuser
Dimming Temperature (Diamond) 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: Sign
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient

## **PHYSICAL**

Shape: Round Diameter (mm): 670

Diameter (in): 26 3/8

Height (mm): 150

Height (in): 5 1/8

Ceiling Thickness (mm): 10 / 12 / 15 / 25

Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1

Min. Recessing Depth (mm): 160

Min. Recessing Depth (in):  $6\frac{5}{16}$ 

Light Distribution: Direct

Weight (kg): 8.574

Weight (lbs): 18.9

Diffuser: PMMA - Opal or Micro-Prism

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

Cut-out Measurements: 658mm / 25 7/8"

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 66.5

Total Output Wattage (W): 57

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

Color Temperature (°K): 3000 / 4000

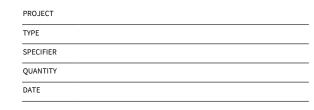
Max. Delivered Lumen (lm): 5880 / 6321 / 6450

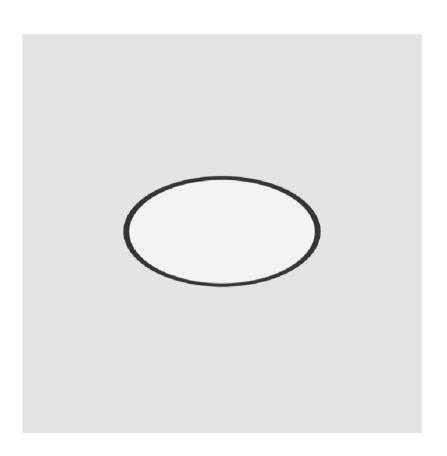
Lamp Life (hrs): 50000

# OPTICAL

## **RATINGS AND CERTIFICATIONS**

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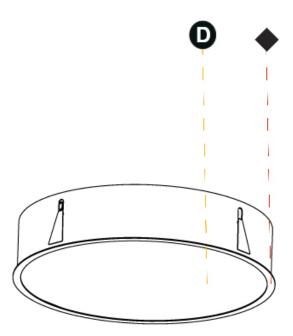






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# ZANEEN

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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 Brand: Prolicht Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Ambient

## **PHYSICAL**

Shape: Round Diameter (mm): 970 Diameter (in): 38 3/16

Height (mm): 150

Height (in): 5 1/8

Ceiling Thickness (mm): 10 / 12 / 15 / 25

Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 Min. Recessing Depth (mm): 160

Min. Recessing Depth (in): 6  $\frac{5}{16}$ 

Light Distribution: Direct

Weight (kg): 16.545 Weight (lbs): 36.475

Diffuser: PMMA - Opal or Micro-Prism

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

Cut-out Measurements: 958mm / 37 11/16"

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 129.8 Total Output Wattage (W): 111

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 / 4000

Max. Delivered Lumen (lm): 11450 / 12319 / 12570

CRI: >80 CRI

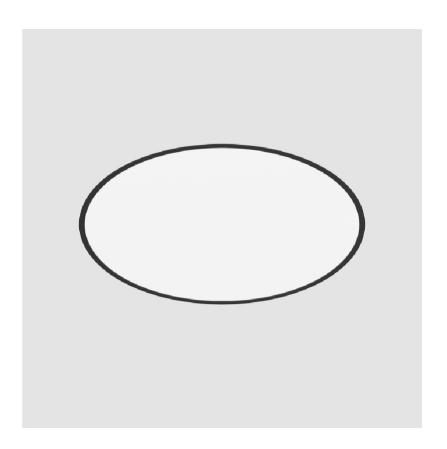
Lamp Life (hrs): 50000

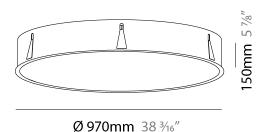
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# RATINGS AND CERTIFICATIONS

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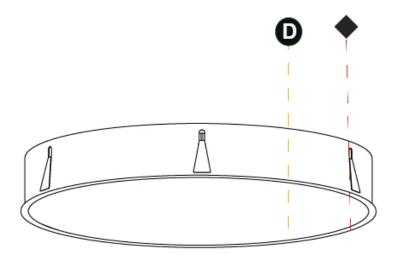






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# ZANEEN

# **SIGN RECESSED**

# A37781-

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
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient

Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 1270
Diameter (in): 50
Height (mm): 150
Height (in): 5 1/8
Ceiling Thickness (mm): 10 / 12 / 15 / 25
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
Min. Recessing Depth (mm): 160
Min. Recessing Depth (in): 6 1/16
Light Distribution: Direct
Weight (kg): 29.6
Weight (lbs): 65.26
Diffuser: PMMA - Opal

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 Cut-out Measurements: 1258mm / 49 1/2"

# ELECTRICAL

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 213.5 Total Output Wattage (W): 183

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

## LED

Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (lm): 18880 / 20306 / 20720

CRI: >80 CRI Efficiency (%): 78 Lamp Life (hrs): 50000

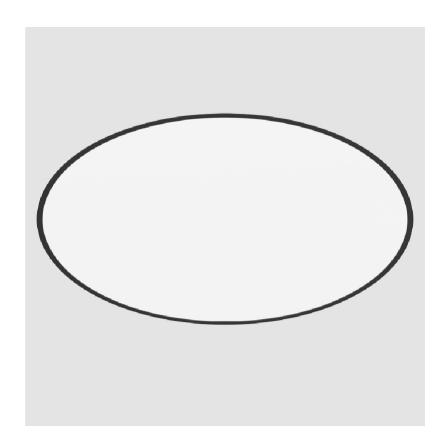
Constant Current (MA): 500

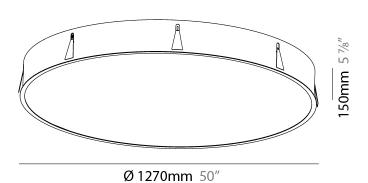
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# **RATINGS AND CERTIFICATIONS**

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













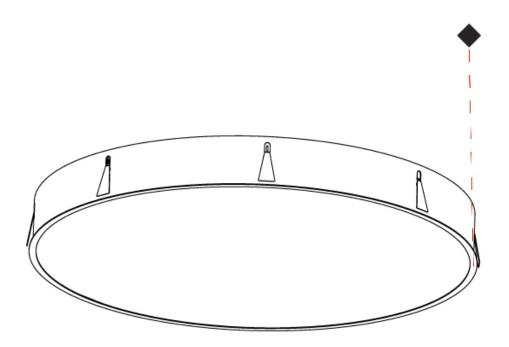






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# A37785-

base number

LED Color Finishes Diffuser
Dimming Temperature (Diamond) 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: Sign	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 492
Diameter (in): 19 $\frac{3}{8}$
Height (mm): 150
Height (in): $5\frac{7}{8}$
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
Min. Recessing Depth (mm): 160
Min. Recessing Depth (in): 6 1/16
Light Distribution: Direct
Weight (kg): 4.983
Weight (lbs): 10.986
Diffuser: PMMA - Opal or Micro-Prism

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
Cut-out Measurements: 480mm / 18 7/8"

# ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 35
Total Output Wattage (W): 30

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

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 3090 / 3332 / 3400

CRI: >80 CRI

Efficiency (%): 0.72

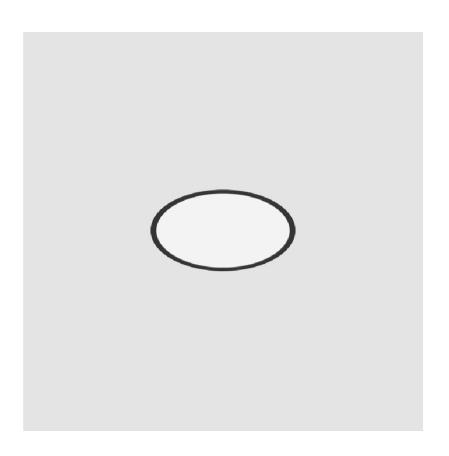
Lamp Life (hrs): 50000

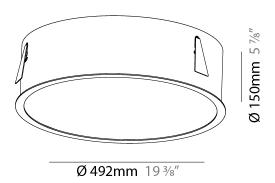
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# **RATINGS AND CERTIFICATIONS**

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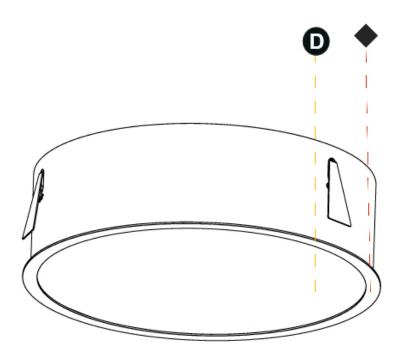
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# ZANEEN.

# **SIGN SURFACE**

# A3C016-

base number

LED Color Finishes
Dimming 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
Brand: Prolicht
Division: Architectural
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL
Shape: Round
Diameter (mm): 650
Diameter (in): 25  $\frac{9}{16}$ Height (mm): 120
Height (in): 4  $\frac{3}{4}$ Light Distribution: Direct
Weight (kg): 8.4

Weight (kg): 8.4
Weight (lbs): 18.518

Diffuser: PMMA - Opal or Micro-Prism

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): 66.5 Total Output Wattage (W): 57

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

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

Max. Delivered Lumen (lm): 5880 / 6360 / 6450

CRI: >80 CRI

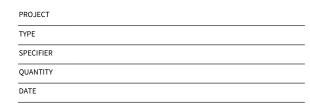
Efficiency (%): 73

Lamp Life (hrs): 50000

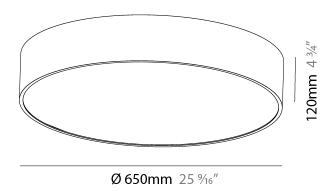
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# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





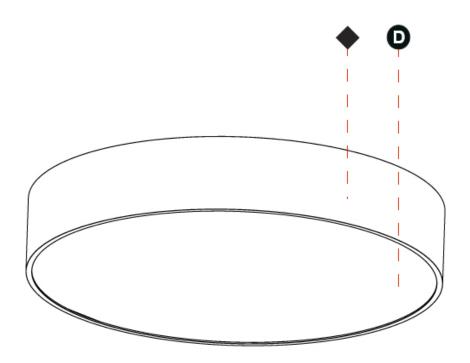






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# A3C020-

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

Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 470
Diameter (in): 18 ½
Height (mm): 120
Height (in): 4 <sup>3</sup> / <sub>4</sub>
Light Distribution: Direct
Weight (kg): 4.751
Weight (lbs): 10.474
Diffuser: PMMA - Opal or Micro-Prism
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): 35.2 Total Output Wattage (W): 30

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 1

Input Voltage (V): 120 - 277

Constant Current (MA): 500

Number of LEDs: 10

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

Max. Delivered Lumen (lm): 3090 / 3332 / 3400

CRI: >80 CRI

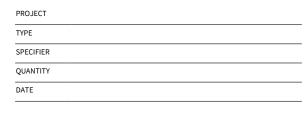
Efficiency (%): 73

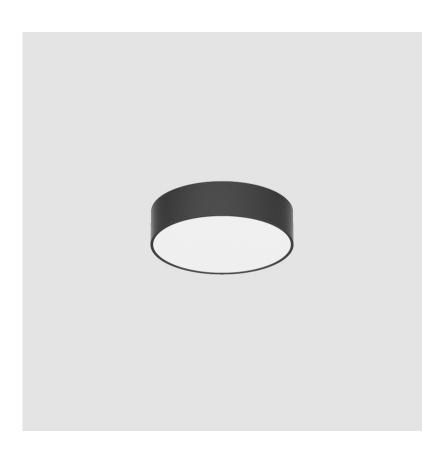
Lamp Life (hrs): 50000

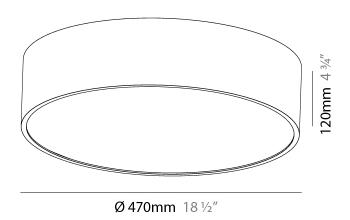
OPTICAL

# **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards





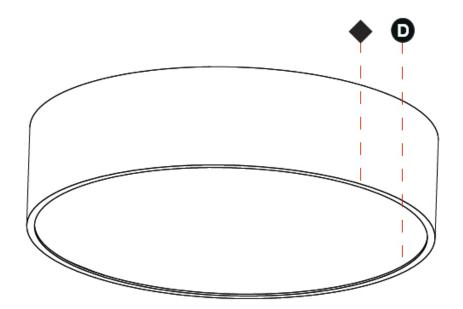






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# A3C024-

base number

LED Color Finishes Diffuser
Dimming Temperature (Diamond) 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: Sign	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Round	
Diameter (mm): 950	
Diameter (in): 37 <sup>3</sup> / <sub>8</sub>	
Height (mm): 120	
Height (in): 4 <sup>3</sup> / <sub>4</sub>	
Light Distribution: Direct	
Weight (kg): 16.61	
Weight (lbs): 36.619	
Diffuser: PMMA - Opal or Micro-Prism	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG	

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): 118

Total Output Wattage (W): 111

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 1

Input Voltage (V): 120 - 277

Constant Current (MA): 500

Consta

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

Max. Delivered Lumen (lm): 11061-11869 / 11540.48 - 12383.28 / 11776-12636

Nominal Lumen (lm): 16147.91 / 16847.48 / 17191.31

CRI: >80 CRI

Efficiency (%): 75

Lamp Life (hrs): 50000

OPTICAL

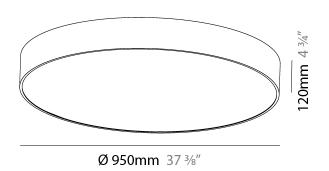
Beam Angle: Opal - 110 / Prismatic 94

**RATINGS AND CERTIFICATIONS** 

Certified By: Certified for North American Standards





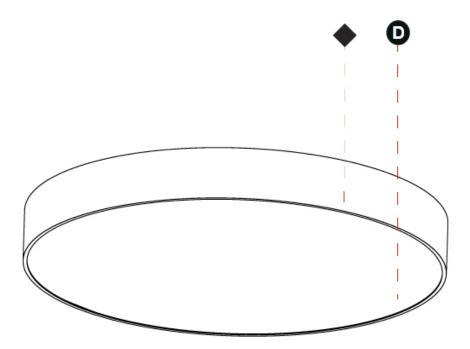






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# A3C028-

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

Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 1250
Diameter (in): 49 <sup>3</sup> / <sub>16</sub>
Height (mm): 120
Height (in): $4\frac{3}{4}$
Light Distribution: Direct
Weight (kg): 27.9
Weight (lbs): 61.509
Diffuser: PMMA - Opal
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): 214.5

Total Output Wattage (W): 183

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 1

Input Voltage (V): 120 - 277

Constant Current (MA): 500

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

Max. Delivered Lumen (lm): 18880 / 20306 / 20720

CRI: >80 CRI

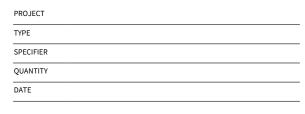
Efficiency (%): 78

Lamp Life (hrs): 50000

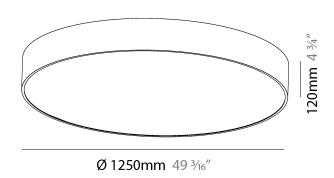
OPTICAL

# **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards







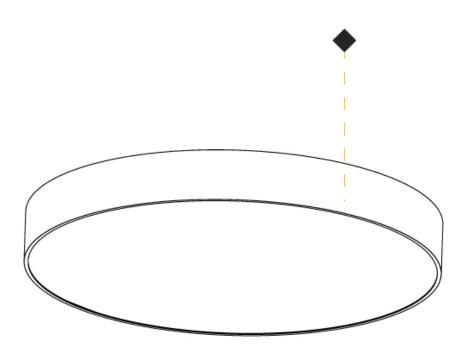






A3C028-

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QUANTITY	-
DATE	-







# **SIGN**

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**

# **LEGEND**

T T	Var tr		a N.S.		special LED (upon request) PGP_PGPW_tunable
<u></u>	floor-mounted	Á	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	S	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	THESE	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	<b>←</b>	length of suspension cable	CRI	color rendering index
	direct light distribution		reflector degree selection	(K)	color temperature
	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	3	walk on
Z)	square wall or ceiling cut-out	Ġ	free individual colors 01-29	<b>②</b>	drive on
4	the supplied jig specifies the cutout dimensions	C	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)
$\hat{\perp}$	recessed depth	lack	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>(</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
<u>جه</u>	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>(II</b> )	ETL Certified to UL and CSA Standards
<b>9</b>	sensor	O	direct diffuser	ւ <b>Մ</b> ) ու	UL Certified to UL and CSA Standards
	remote control	$\odot$	ball-proof (upon request)	<b>(1)</b>	CSA Certified to UL and CSA Standards
9	available upon request	0	accessory	<b>(Z</b> )	Certified for North American Standards

# **IP RATING**

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

# **IK RATING**

100000	288 (400 C) - 26 5 (100 C) - 26 5 (
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)
IK06	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)