SIGN SUSPENSION

Δ	3	n	3	4	Q	_

base number LED

ED Color Finishes
Dimming Temperature (Diamond)

Finishes (Triangle) Diffuser Options Cable 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	
Subsatagon: Pondant	

Subcategory: Peridant	
PHYSICAL	
Shape: Round	
Diameter (mm): 650	
Diameter (in): 25 ⁹ / ₁₆	
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): 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

LED

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

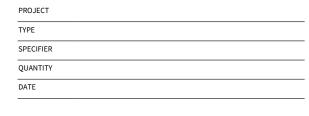
Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 110

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







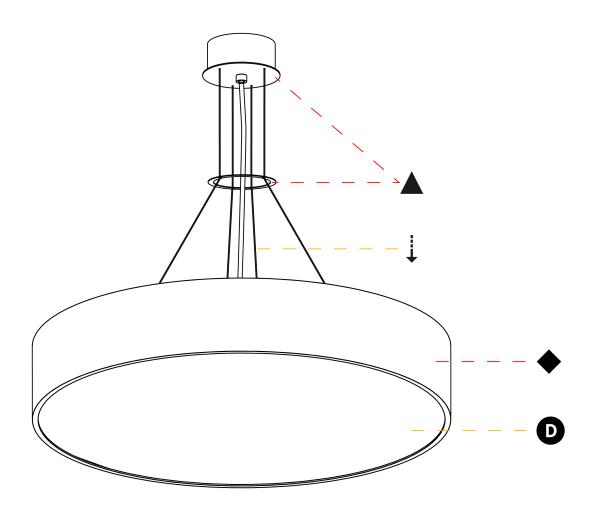




SIGN SUSPENSION

A30348-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE





SIGN SUSPENSION

A30352-

base number

LED Color Finishes Finishes Diffuser Cable Dimming 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

Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 950
Diameter (in): 37 ³ / ₈
Depth (mm): 120
Depth (in): 4 ³ / ₄
Max. Overall Height (mm): 2120
Max. Overall Height (in): 83 $\frac{7}{16}$
Light Distribution: Direct
Weight (kg): 16.058
Weight (lbs): 35.40
Different DMMA Constructions Delicate

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))

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): 11450 / 12319 / 12570

CRI: >80 CRI Lamp Life (hrs): 50000

OPTICAL

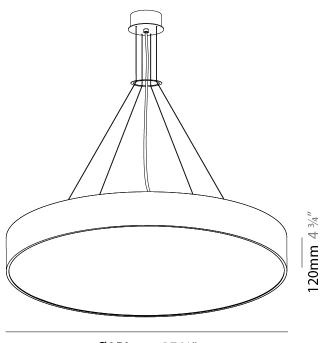
Beam Angle: 110

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







Ø950mm 37 3/8"

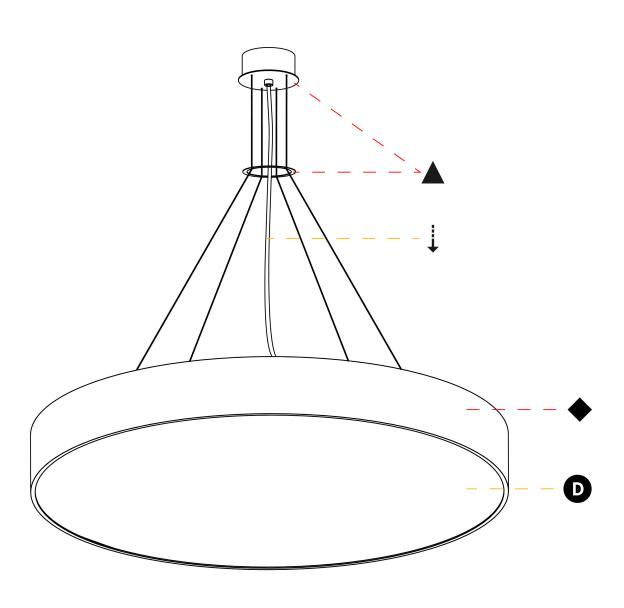




SIGN SUSPENSION

A30352-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





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

Shape: Round
Diameter (mm): 1250
D:/:\ 40.3/

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

Height (in): 4 ³/₄

Max. Overall Height (mm): 2120

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

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

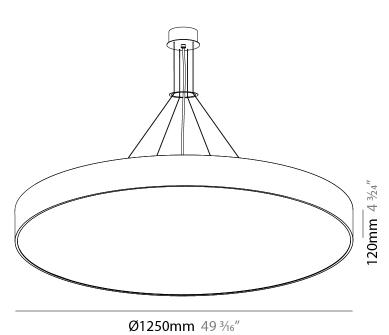
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







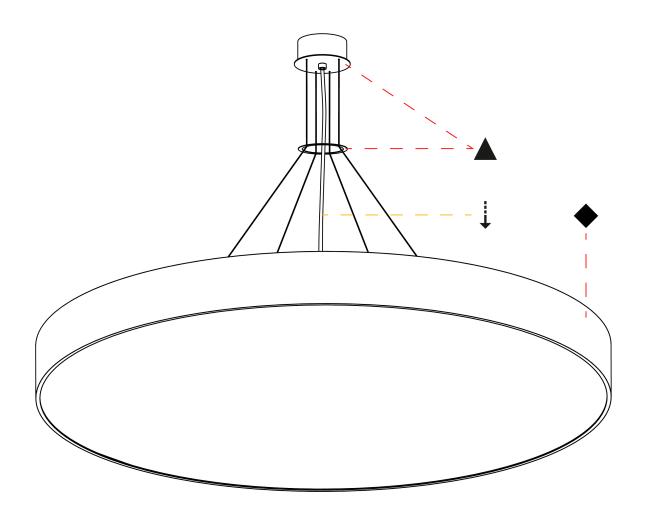




SIGN SUSPENSION

A30356-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





SIGN SUSPENSION

A30360-

base number Diffuser Temperature (Diamond) (Triangle) 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	

Division: Architecturat
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 470
Diameter (in): 18 $\frac{1}{2}$
Height (mm): 120
Depth (mm): 120
Height (in): 4 ³ / ₄
Depth (in): 4 ³ / ₄
Max. Overall Height (mm): 2120
Max. Overall Height (in): 83 $\frac{7}{16}$
Light Distribution: Direct
Weight (kg): 5.2
Weight (lbs): 11.464
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): 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 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

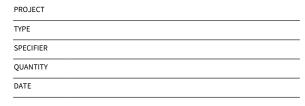
Efficiency (%): 73

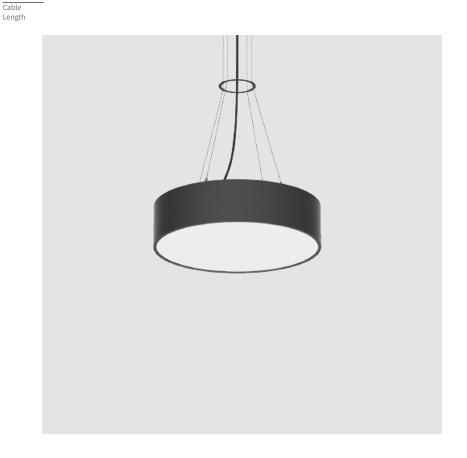
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards









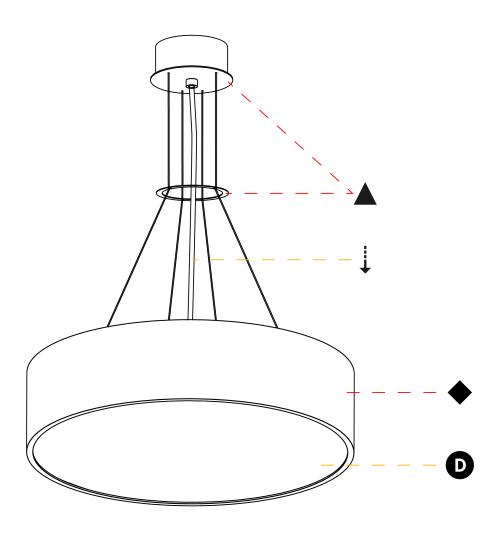


SIGN SUSPENSION

A30360-

PROJECT
TYPE

SPECIFIER
QUANTITY
DATE







A37614-

base number LED

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): 300
Diameter (in): 11 13/16
Height (mm): 85
Height (in): $3\frac{3}{4}$
Min. Recessing Depth (mm): 100
Min. Recessing Depth (in): 3 15/16
Light Distribution: Direct
Weight (kg): 1.296
Weight (lbs): 2.857
Diffuser: PMMA - Opal
Fixture Material: Extruded Aluminum / Steel
Cut-out Measurements: 325mm / 12 13/16"
Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting Depth Spot Inserts

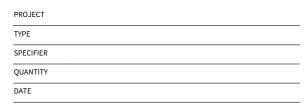
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 14
Total Output Wattage (W): 13.8
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500
LED
Color Tomor anatoma (9K), 2000 / 4000

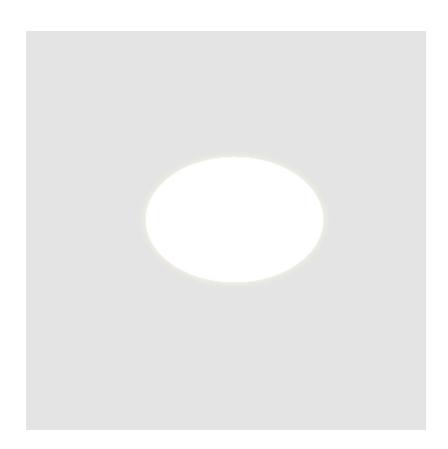
LED
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 1080 / 1294
Nominal Lumen (lm): 1860 / 2220
CRI: >80 CRI
Efficiency (%): 65% (5mm Perspex) 68%
Lamp Life (hrs): 50000
Upon Request: RGB-W Tunable White Special Color Temperature CRI90

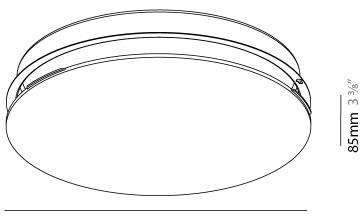
OPTICAL

RATINGS AND CERTIFICATIONS

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















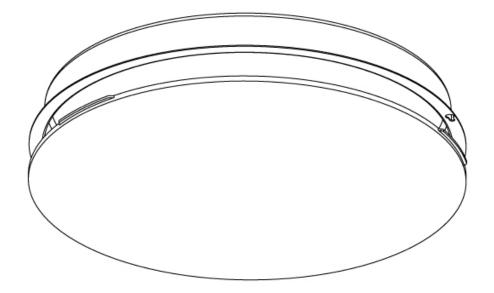






A37614-

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SIGN TRIMLESS

A37618-

base number LED

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): $3\frac{3}{8}$
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 Mounting Depth Spot Inserts

ELECTRICAL

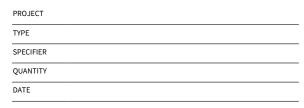
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 25.3 / 22 (4000K)
Total Output Wattage (W): 22.9 / 20.1 (4000K)
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: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

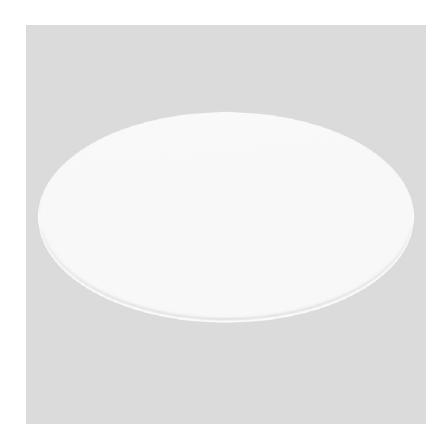
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 2080 / 2038 / 1900
CRI: >80 CRI
Efficiency (%): 65% (5mm Perspex) 69%
Lamp Life (hrs): 50000
Upon Request: RGB Tunable White Special Color Temperature CRI90
<u> </u>

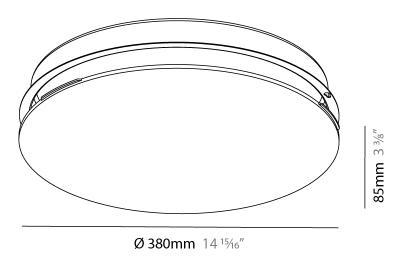
OPTICAL

RATINGS AND CERTIFICATIONS

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





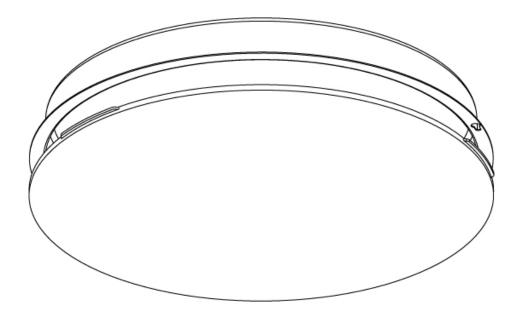






A37618-

PROJECT	
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QUANTITY	_
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A37669-

base number

LED	Colo
Dimming	Tem

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): $4\frac{7}{8}$
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

ELECTRICAL

Depth Spot Inserts

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

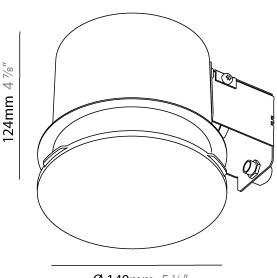
Upon Request: RGB-W Tunable White Special Color Temperature CRI90

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT	
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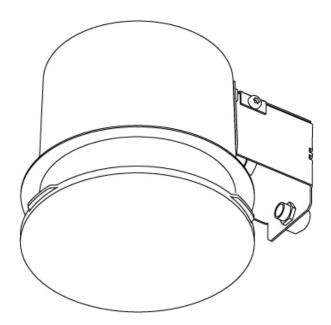






A37669-

PROJECT	
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SPECIFIER	_
QUANTITY	_
DATE	_







A37674-

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 **PHYSICAL** Shape: Round Diameter (mm): 200 Diameter (in): 7 1/8 Height (mm): 155 Height (in): 6 1/8 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

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 910

CRI: >80 CRI

Efficiency (%): 0.68

Lamp Life (hrs): 50000

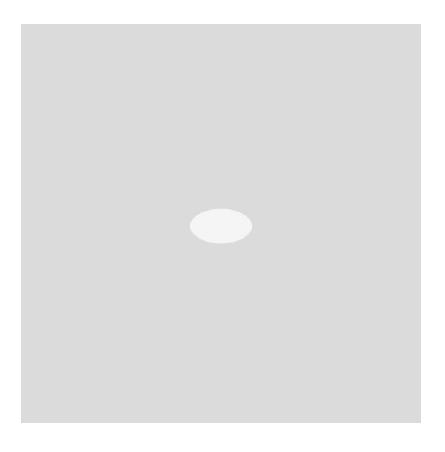
Upon Request: RGB-W Tunable White Special Color Temperature CRI90

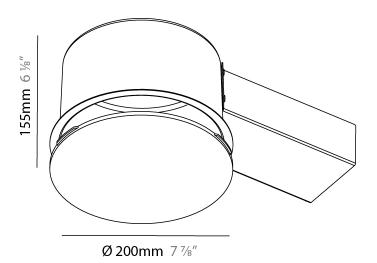
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



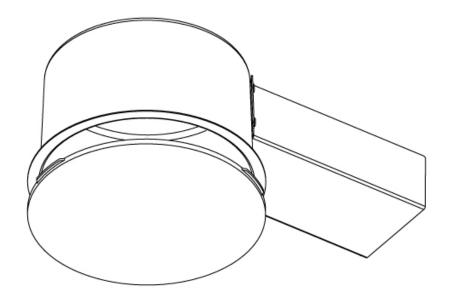






A37674-

PROJECT
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SPECIFIER
QUANTITY
DATE







A37697-

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): 630
Diameter (in): 24 ¹³ / ₁₆
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

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): 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

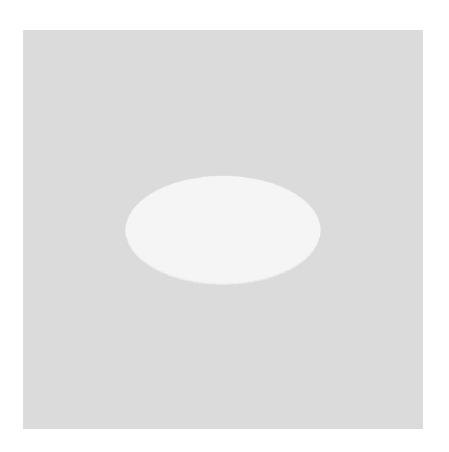
Upon Request: RGB-W Tunable White Special Color Temperature CRI90

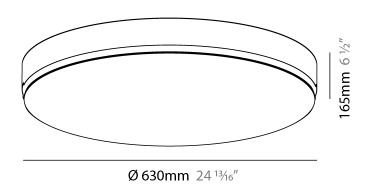
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





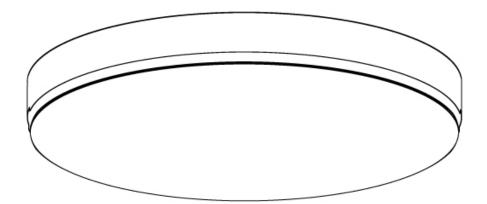






A37697-

PROJECT		
TYPE		
SPECIFIER		
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SIGN TRIMLESS

A37701-

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): 930
Diameter (in): 36 ⁵ / ₈
Height (mm): 165
Height (in): $6\frac{1}{2}$
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

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

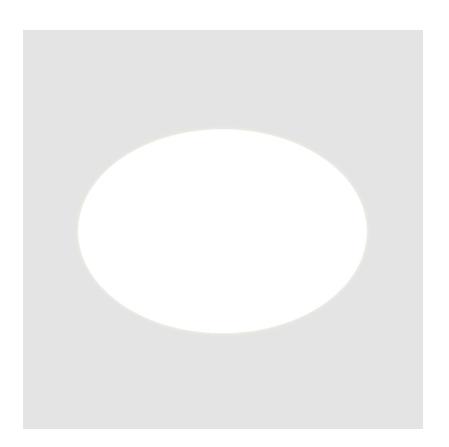
Upon Request: RGB-W Tunable White Special Color Temperature CRI90

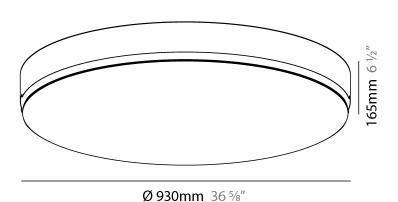
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







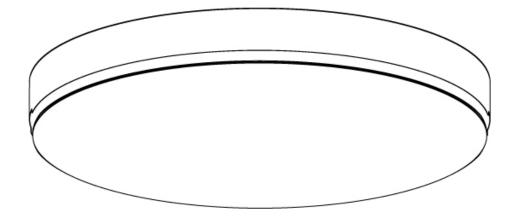






A37701-

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YPE	
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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 ½
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

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%

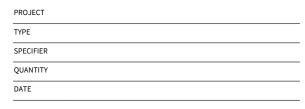
Lamp Life (hrs): 50000

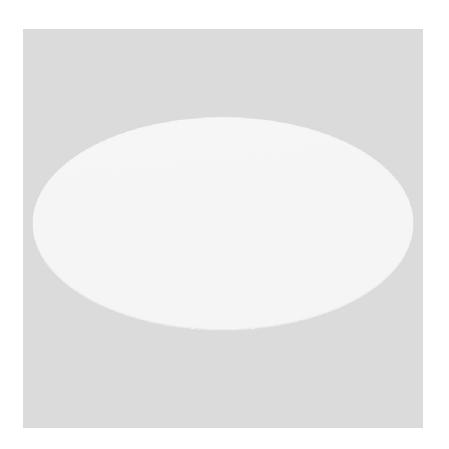
Upon Request: RGB-W Tunable White Special Color Temperature CRI90

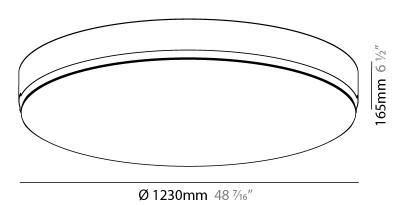
OPTICAL

RATINGS AND CERTIFICATIONS

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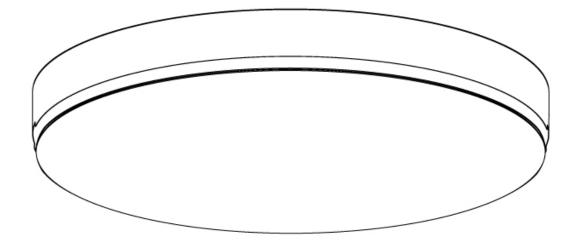






A37705-

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SIGN RECESSED

A37765-

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): 313
Diameter (in): 12 ⁵/₁₆

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): 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

LED

Color Temperature (°K): 3000 / 4000

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

CRI: >80 CRI

Lamp Life (hrs): 50000

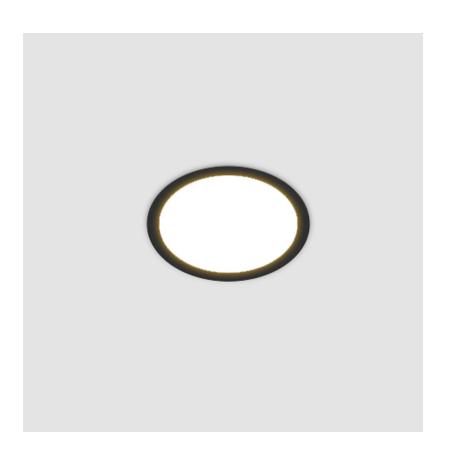
OPTICAL

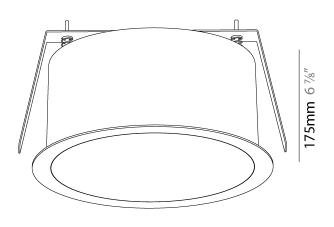
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

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Ø 313mm 12 5/16"









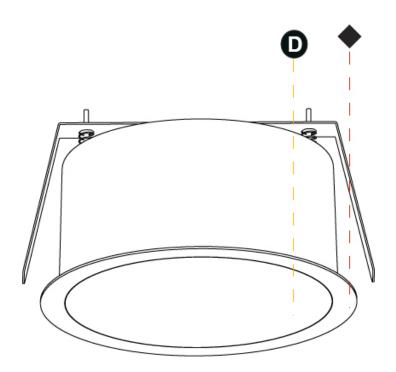






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A37769-

base number

Finishes Diffuse 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	

PHI	ICAL
Shap	e: Round
Dian	eter (mm): 393
Dian	eter (in): 15 ½
Heig	rt (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

Color Temperature (°K): 3000 / 4000

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

CRI: >80 CRI

Efficiency (%): 68

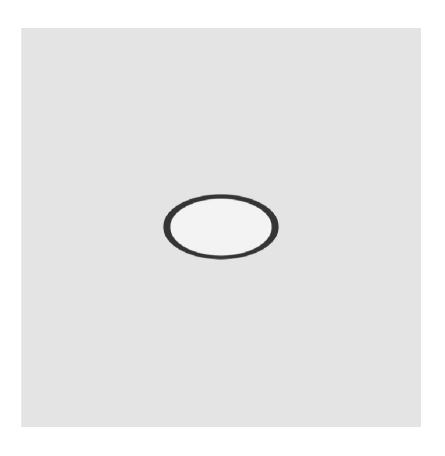
Lamp Life (hrs): 50000

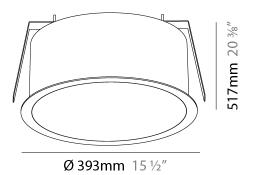
OPTICAL

RATINGS AND CERTIFICATIONS

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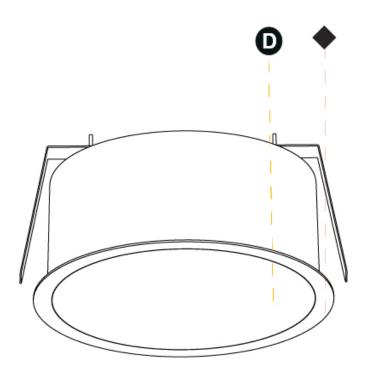






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A37773-

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 $\ensuremath{\%}$

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

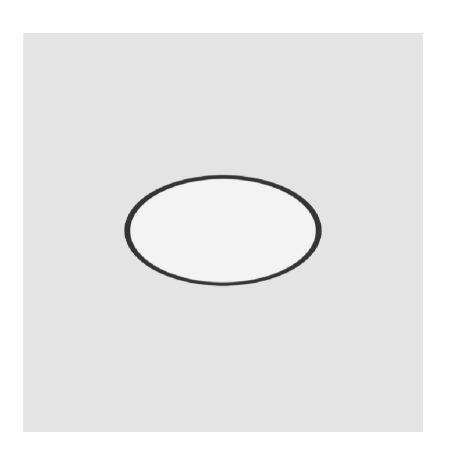
Lamp Life (hrs): 50000

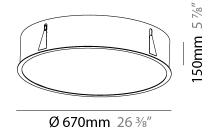
OPTICAL

RATINGS AND CERTIFICATIONS

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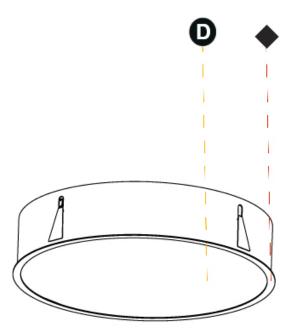






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base number

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): 970

Diameter (in): $38\frac{3}{16}$ 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): $6\frac{1}{16}$

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

LED

Color Temperature (°K): 3000 / 4000

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

CRI: >80 CRI

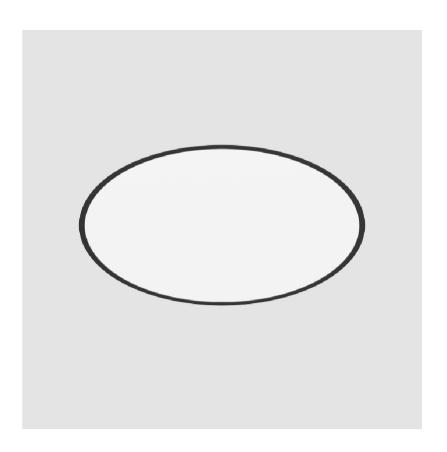
Lamp Life (hrs): 50000

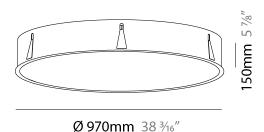
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards















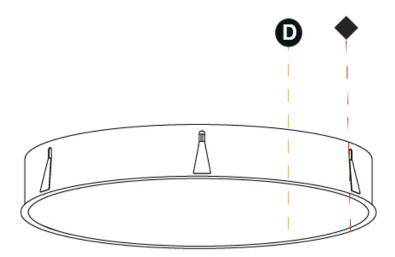






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SIGN RECESSED

A37781-

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: 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): $5\frac{7}{8}$
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 % 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 /

LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / COM / ABZ / JAG / OBR / MOS / ROR

<u>Fixture Material: Extruded Aluminum / Steel</u> 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 Constant Current (MA): 500

LED

Color Temperature (°K): 3000 / 4000

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

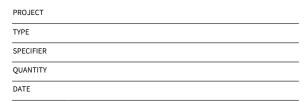
CRI: >80 CRI Efficiency (%): 78 Lamp Life (hrs): 50000

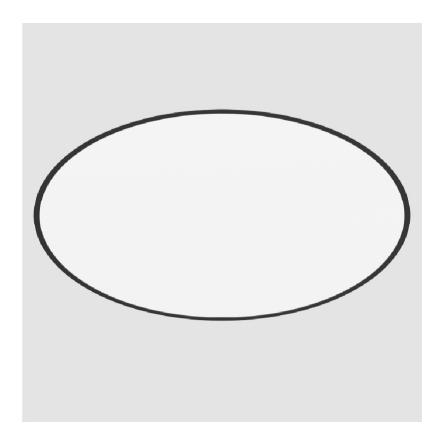
OPTICAL

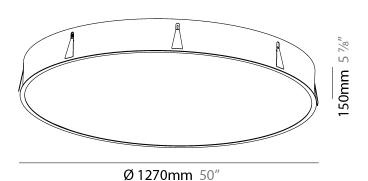
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20















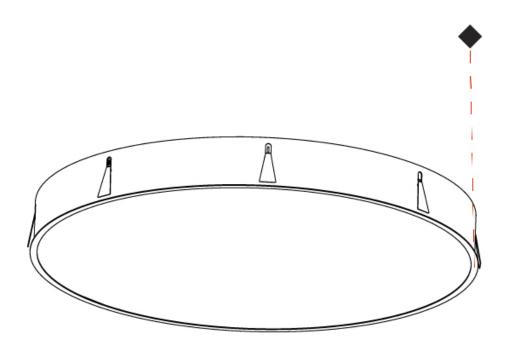






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SIGN RECESSED

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	

PHYSICAL	
Shape: Round	
Diameter (mm): 492	
Diameter (in): 19 3/8	
Height (mm): 150	

Height (in): 5 1/8	
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): $6\frac{5}{16}$

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

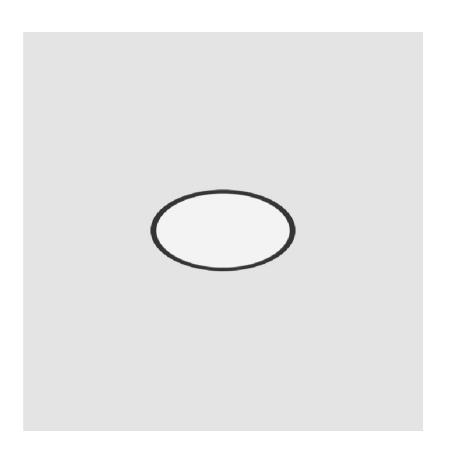
Efficiency (%): 0.72 Lamp Life (hrs): 50000

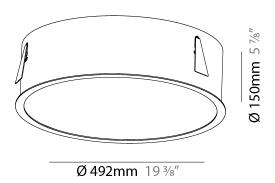
OPTICAL

RATINGS AND CERTIFICATIONS

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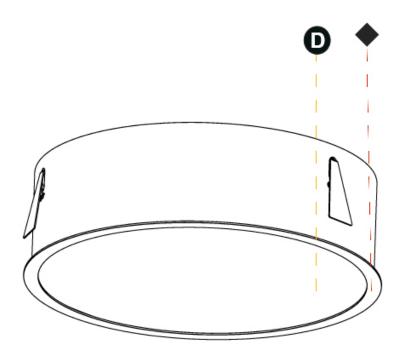






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SIGN SURFACE

A3C016-

base number

LED Color Dimming Temper

Color Finishes
Temperature (Diamond)

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: Surface
Mounting Location: Ceiling
Subcategory: Ambient

Subcategory: Ambient

PHYSICAL

Shape: Round

Diameter (mm): 650

Diameter (in): 25 %₁₆

Height (mm): 120

Height (in): 4 ¾

Light Distribution: Direct

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

<u>Driver Type: Constant Current - Universal</u> <u>Driver Class: Class 2</u>

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

Constant Current (MA):

LED

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

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

CRI: >80 CRI

Efficiency (%): 73

Lamp Life (hrs): 50000

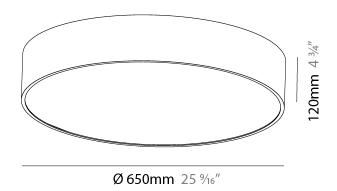
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





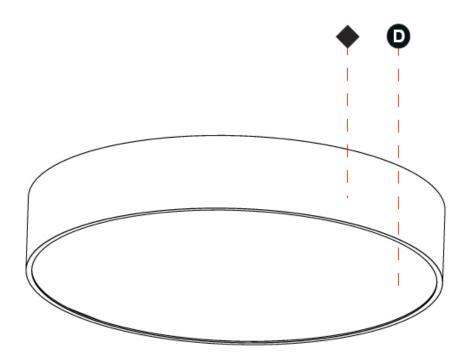






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SIGN SURFACE

A3C020-

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	

Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 470
Diameter (in): 18 ½
Height (mm): 120
Height (in): 4 1/4
Light Distribution: Direct
Weight (kg): 4.751

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 Type, Consta

Driver Class: Class 1 Input Voltage (V): 120 - 277

Constant Current (MA): 500

LED

Number of LEDs: 10

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

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

CRI: >80 CRI

Efficiency (%): 73

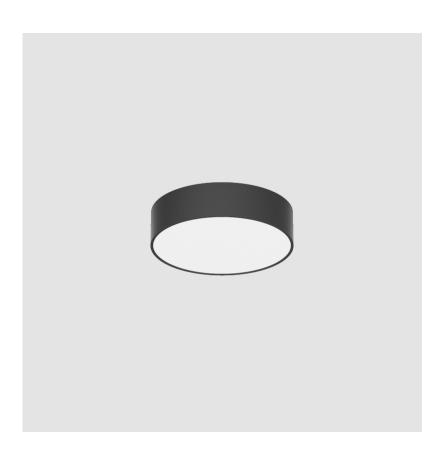
Lamp Life (hrs): 50000

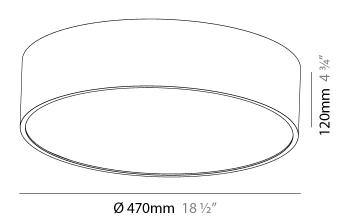
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





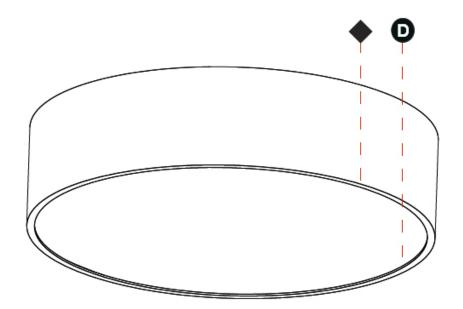






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A3C024-

base number

r 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	

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Subcategory: Ambient	
PHYSICAL	
Shape: Round	
Diameter (mm): 950	
Diameter (in): 37 ³ / ₈	
Height (mm): 120	
Height (in): 4 ³ / ₄	
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 / 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

LED

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

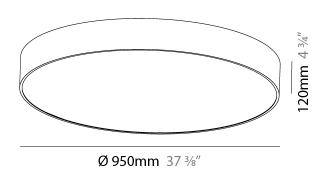
Beam Angle: Opal - 110 / Prismatic 94

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





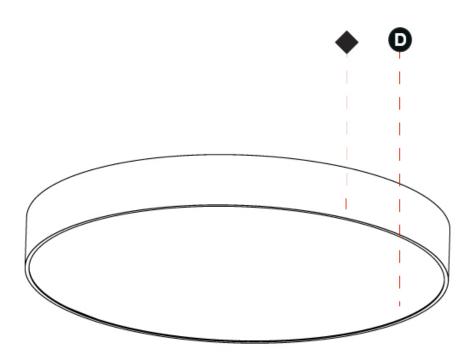






A3C024-

PROJECT	
YPE	_
PECIFIER	_
QUANTITY	_
DATE	_







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 ³ / ₁₆
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

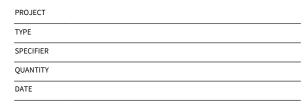
Efficiency (%): 78

Lamp Life (hrs): 50000

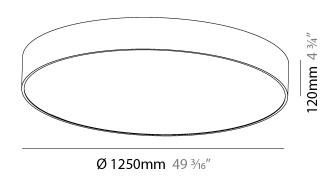
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





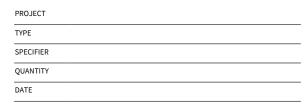


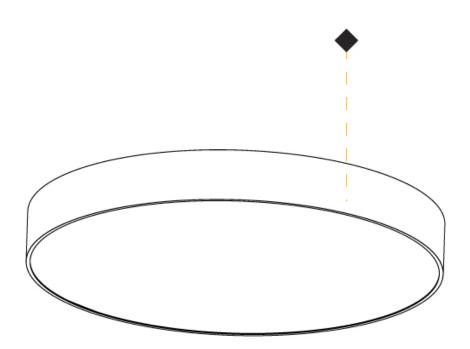






A3C028-









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

<u></u>	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
\uparrow	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	I	color of suspension cable	THESE	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
	direct light distribution	Δ	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		free individual colors 01-29	②	drive on
4	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
□+ ,*	minimum distance (meters) lamp - object	♦	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
1	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	4 ⑨	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.	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
४	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
9	sensor	O	direct diffuser	c (Մ) սո	UL Certified to UL and CSA Standards
	remote control	(1)	ball-proof (upon request)	®	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	Z	Certified for North American Standards

IP RATING

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

IK RATING

above the surface)

IK03	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)
IKOB	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to $5.0 kg$ mass dropped from $400 mm$ above the surface)

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

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface) $\,$