

SIGN DIVA SUSPENSION

A300008-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Diffuser	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 Diva

Subseries: Sign Diva

Partner: Prolicht

Division: Architectural

Installation: Suspension

Product Type: Pendant

Mounting Location: Ceiling

Light Distribution: Direct

PHYSICAL

Shape: Round

Diameter (mm): 1100

Diameter (in): 43 5/16

Height (mm): 86

Height (in): 3 3/8

Weight (kg): 19.475

Weight (lbs): 42.94

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

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

Fixture Material: PMMA / Extruded Aluminum / Steel

Cable Details: 2000mm/78 3/4" or 6000mm/236 1/4" Transparent Cable

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 169.4

Total Output Wattage (W): 134

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

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 600

LED

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

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

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

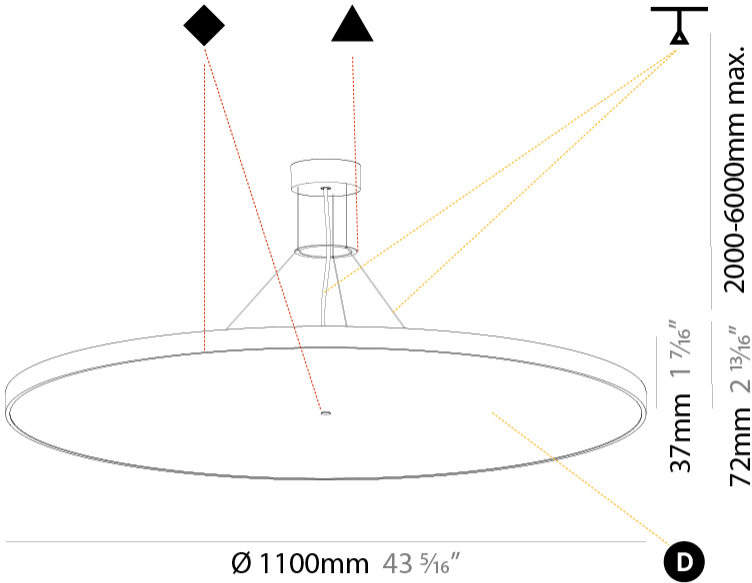
PROJECT

TYPE

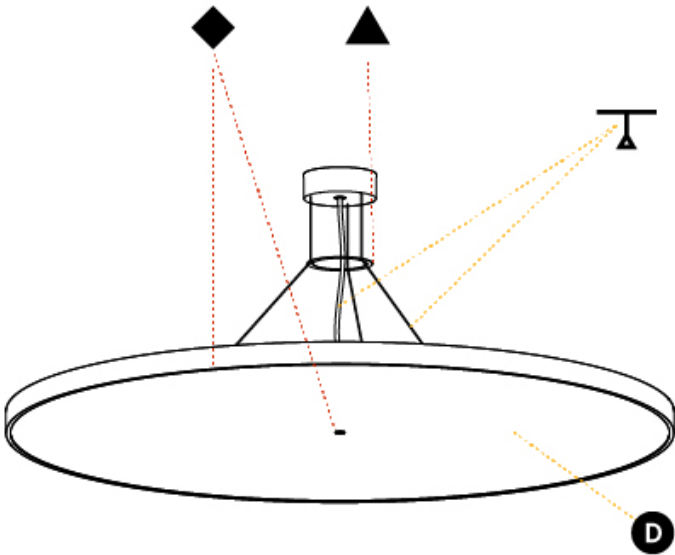
SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SIGN DIVA SUSPENSION

A300009-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Diffuser	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 Diva
Subseries: Sign Diva
Partner: Prolicht
Division: Architectural
Installation: Suspension
Product Type: Pendant
Mounting Location: Ceiling
Light Distribution: Direct / Indirect

PHYSICAL

Shape: Round
Diameter (mm): 1100
Diameter (in): 43 5/16
Height (mm): 72
Height (in): 2 13/16
Weight (kg): 20.78
Weight (lbs): 45.81
Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage Industrial
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR / GMS
Fixture Material: PMMA / Extruded Aluminum / Steel
Cable Details: 2000mm/78 3/4" or 6000mm/236 1/4" Transparent Cable

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 169.4 / 28.6
Total Output Wattage (W): 135 / 24
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 600 / 350

LED

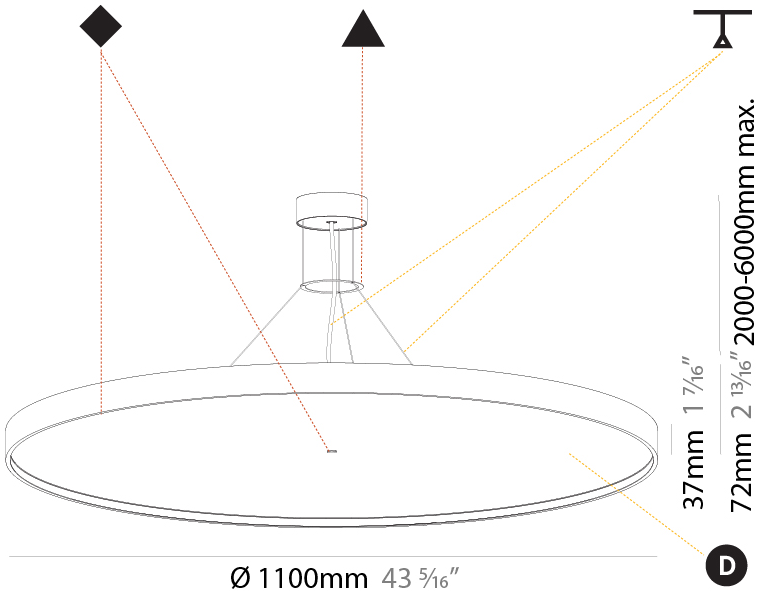
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 20030 / 20610 / 21050 / 21480
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

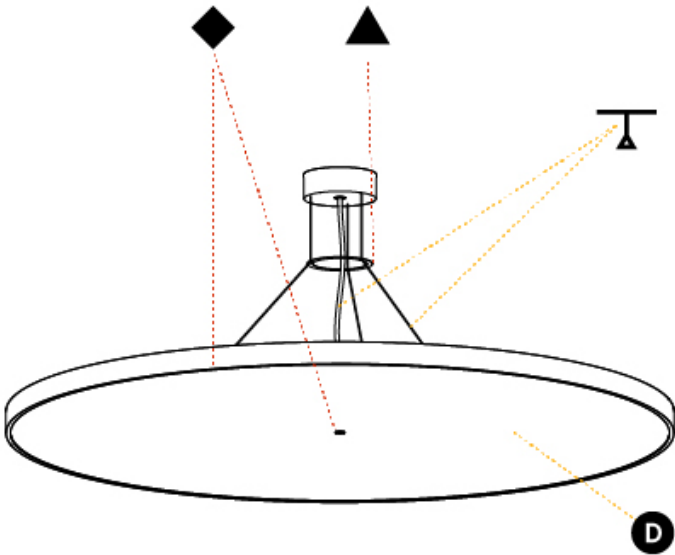
RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SIGN DIVA KORONA SUSPENSION

A300017-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Diffuser	Cable 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 Diva
Subseries: Sign Diva Korona
Partner: Prolicht
Division: Architectural
Installation: Suspension
Product Type: Pendant
Mounting Location: Ceiling
Light Distribution: Direct

PHYSICAL

Shape: Round
Diameter (mm): 1100
Diameter (in): 43 5/16
Height (mm): 86
Height (in): 3 3/8
Max. Overall Height (mm): 2086
Max. Overall Height (in): 82 1/8
Weight (kg): 19.986
Weight (lbs): 44.06
Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage Industrial
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR / GMS
Fixture Material: PMMA / Extruded Aluminum / Steel
Cable Details: 2000mm or 6000mm Transparent Cable

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 145
Total Output Wattage (W): 135
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 600

LED

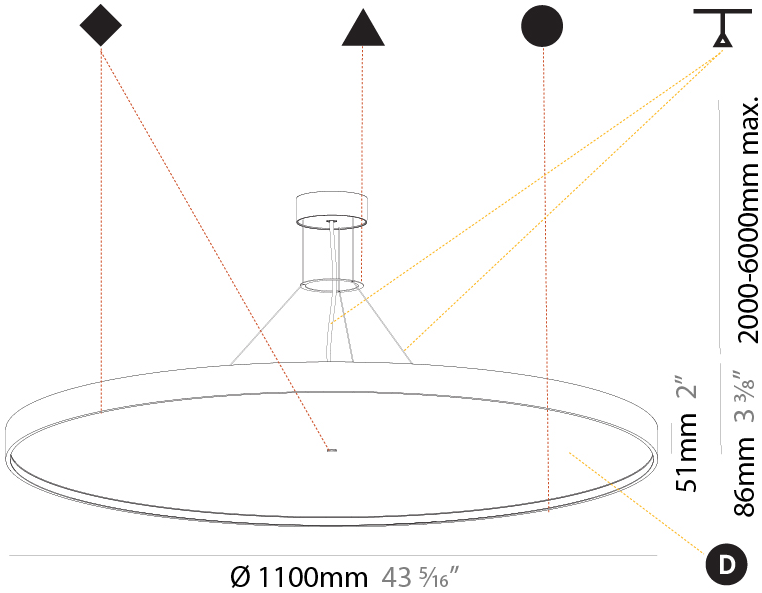
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 15931 / 17172 / 19937 / 20344
Nominal Lumen (lm): 18837 / 20305 / 23575 / 24056
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

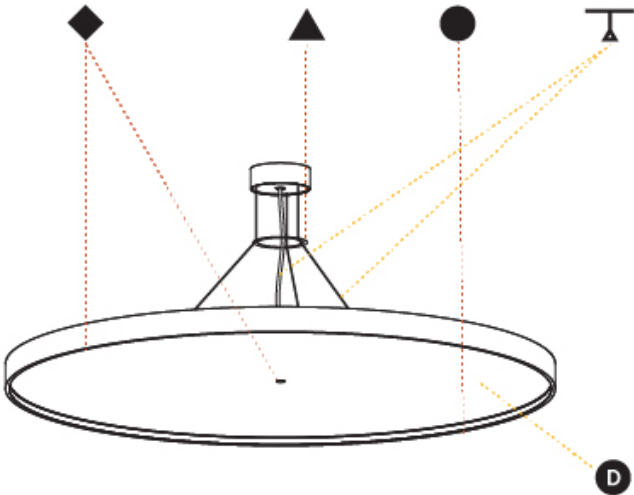
PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SIGN DIVA KORONA SUSPENSION

A300017-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



A

SIGN DIVA KORONA SUSPENSION

A300018-

base number	LED	Color	Finishes	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)		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 Diva
Subseries: Sign Diva Korona
Partner: Prolicht
Division: Architectural
Installation: Suspension
Product Type: Pendant
Mounting Location: Ceiling
Light Distribution: Direct / Indirect

PHYSICAL

Shape: Round
Diameter (mm): 1100
Diameter (in): 43 5/16
Height (mm): 86
Height (in): 3 3/8
Max. Overall Height (mm): 2086
Max. Overall Height (in): 82 1/8
Weight (kg): 21.027
Weight (lbs): 46.36
Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage Industrial
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR / GMS
Fixture Material: PMMA / Extruded Aluminum / Steel
Cable Details: 2000mm or 6000mm Transparent Cable

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 170
Total Output Wattage (W): 135 / 24
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 600 / 350

LED

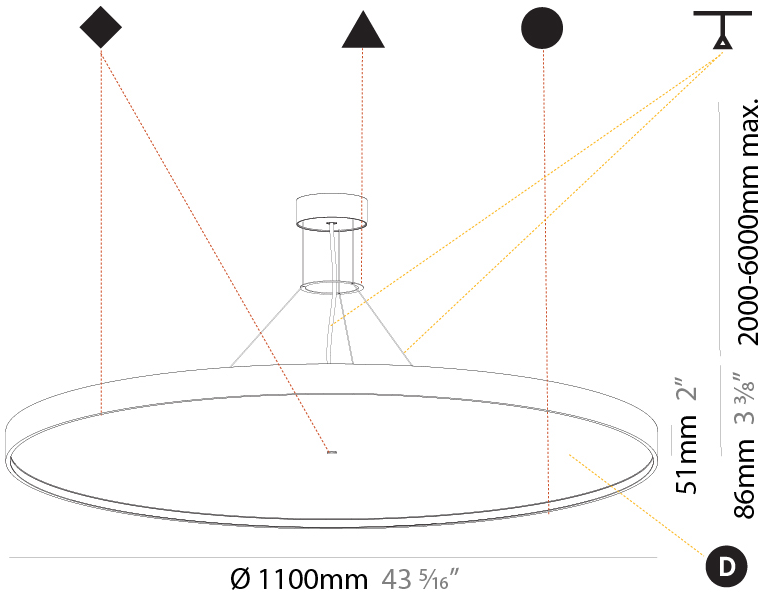
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 17378 / 18180 / 20741 / 21164
Nominal Lumen (lm): 22701 / 23749 / 27094 / 27647
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

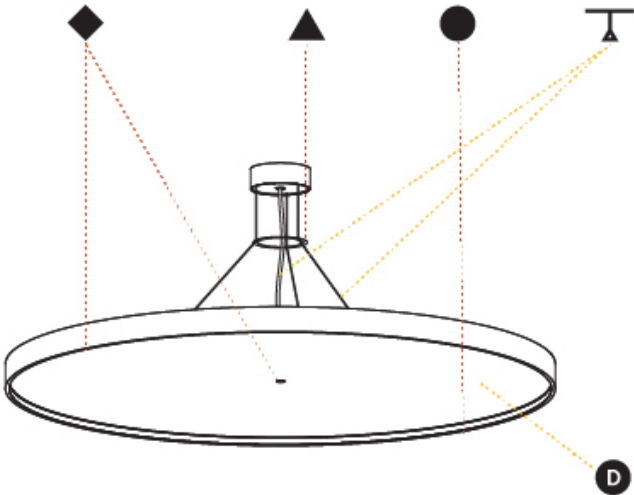
PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SIGN DIVA KORONA SUSPENSION

A300018-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SIGN DIVA SURFACE

A3D089-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Diffuser	Indirect Diffuser Color
-------------	----------------	----------------------	-----------------------	----------	-------------------------------

- 1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Sign Diva
Subseries: Sign Diva
Partner: Prolicht
Division: Architectural
Installation: Surface
Product Type: Ceiling Surface
Mounting Location: Ceiling
Light Distribution: Direct / Indirect

PHYSICAL

Shape: Round
Diameter (mm): 1100
Diameter (in): 43 5⁄16
Height (mm): 75
Height (in): 2 15⁄16
Weight (kg): 18.39
Weight (lbs): 40.54
Diffuser: Direct - PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial with Shine Ring / Indirect - White/Yellow/Orange/Red/Blue/Green
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR / GMS
Fixture Material: PMMA / Extruded Aluminum / Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 169.4
Total Output Wattage (W): 134
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 600

LED

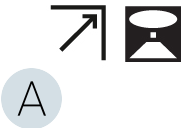
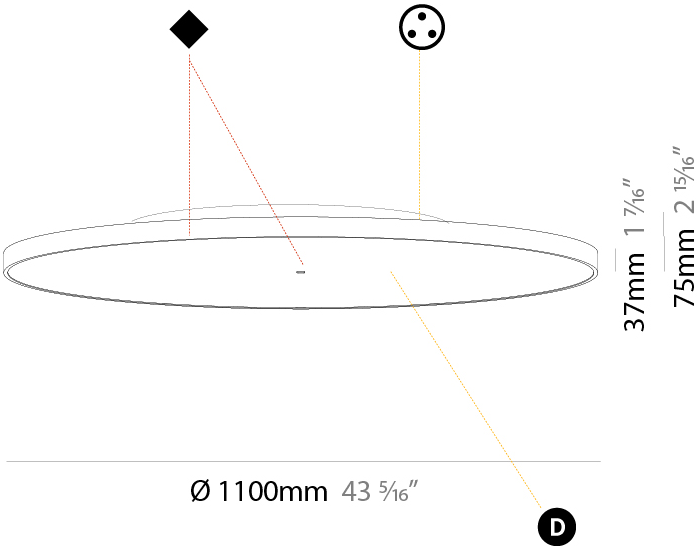
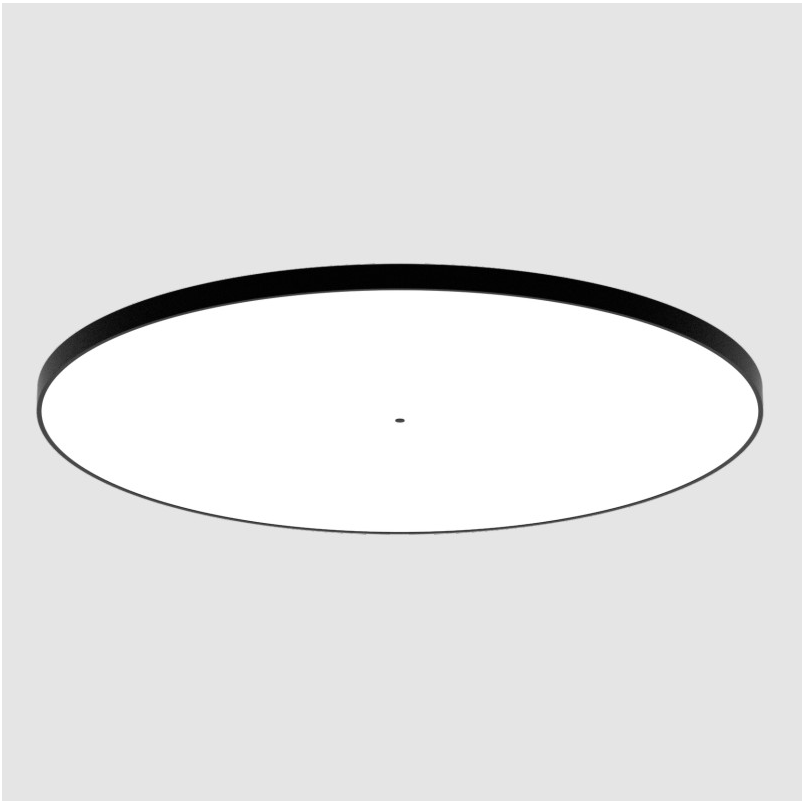
Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 19520 / 19933 / 20340
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

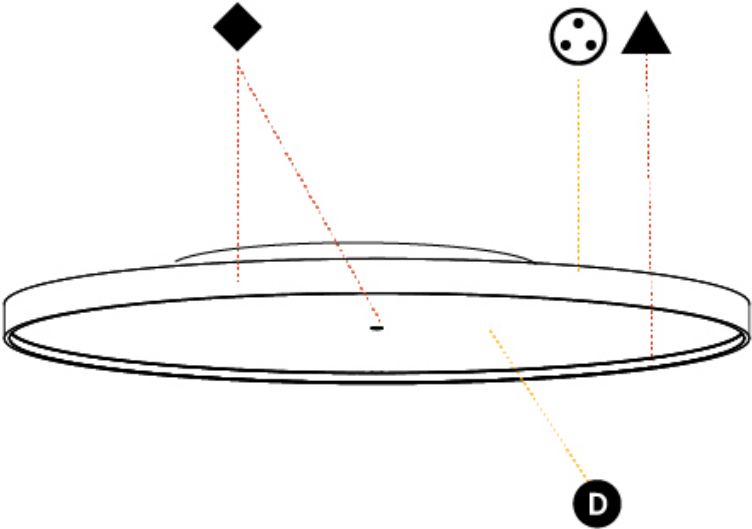
RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SIGN DIVA SURFACE

A3D094-

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

1. To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Sign Diva
Subseries: Sign Diva
Partner: Prolicht
Division: Architectural
Installation: Surface
Product Type: Ceiling Surface
Mounting Location: Ceiling
Light Distribution: Direct

PHYSICAL

Shape: Round
Diameter (mm): 1100
Diameter (in): 43 5/16
Height (mm): 75
Height (in): 2 15/16
Weight (kg): 18.324
Weight (lbs): 40.397
Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial with Shine Ring
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR / GMS
Fixture Material: PMMA / Extruded Aluminum / Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 169.4
Total Output Wattage (W): 134
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 600

LED

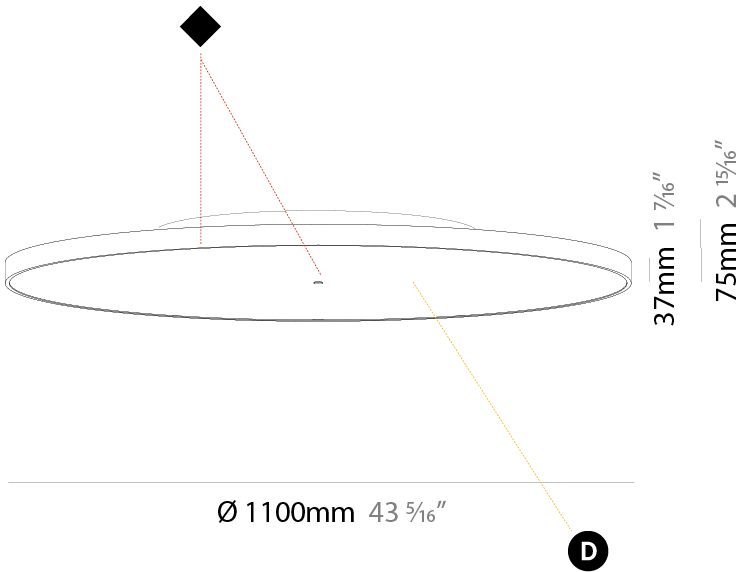
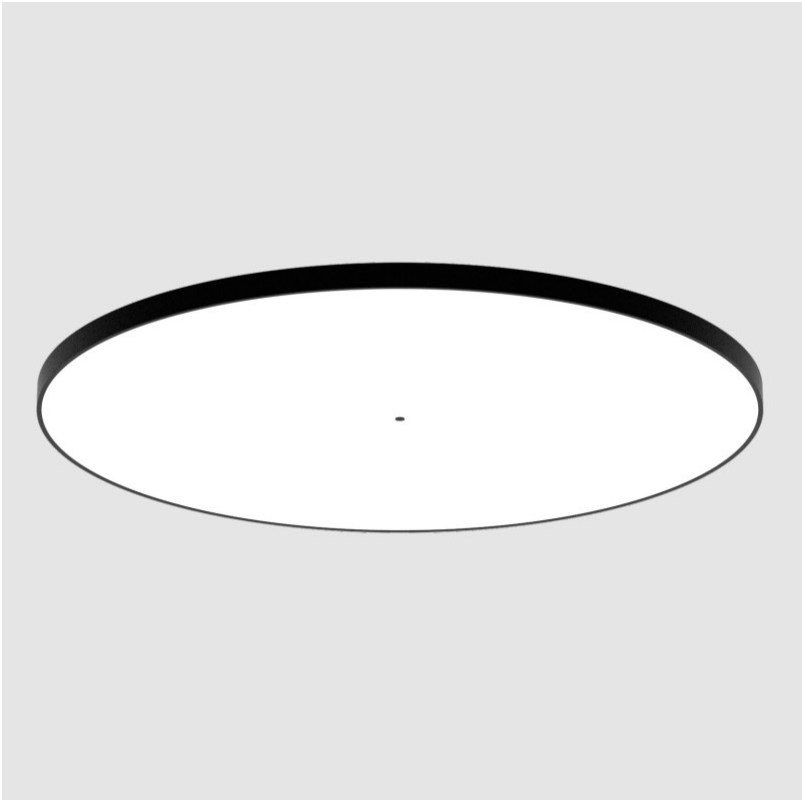
Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 19520 / 19933 / 20340
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

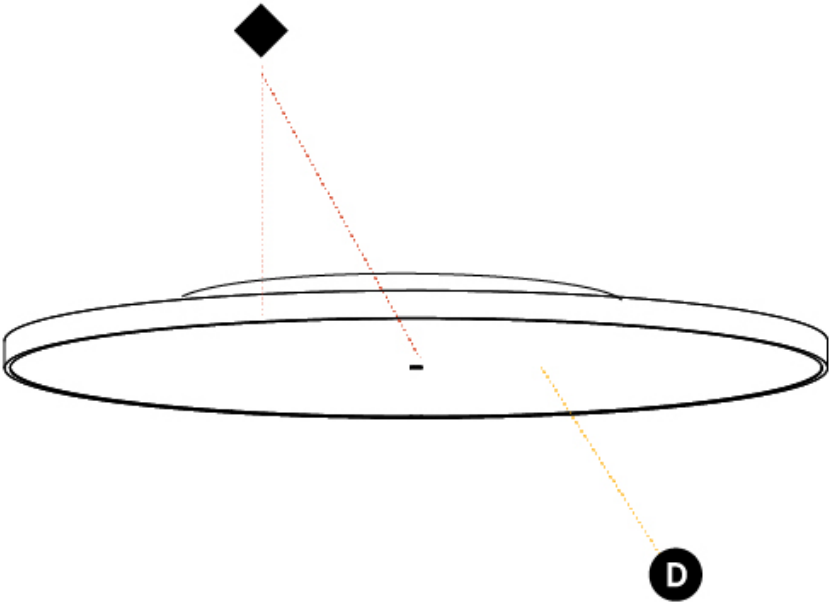
RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SIGN DIVA KORONA SURFACE

A3D099-

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

1. To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Sign Diva

Subseries: Sign Diva Korona

Partner: Prolicht

Division: Architectural

Installation: Surface

Product Type: Ceiling Surface

Mounting Location: Ceiling

Light Distribution: Direct / Indirect

PHYSICAL

Shape: Round

Diameter (mm): 1100

Diameter (in): 43 5/16

Height (mm): 89

Height (in): 3 1/2

Weight (kg): 18.901

Weight (lbs): 41.67

Diffuser: Direct - PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial / Indirect - White/Yellow/Orange/Red/Blue/Green

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

Fixture Material: PMMA / Extruded Aluminum / Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 169.4

Total Output Wattage (W): 134

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

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 600

LED

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

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

CRI: >90 CRI

Lamp Life (hrs): 50000

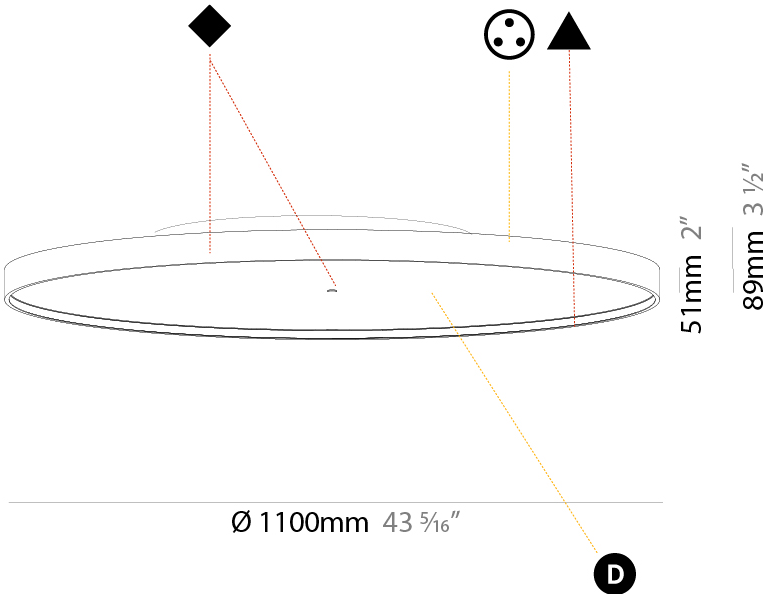
OPTICAL

RATINGS AND CERTIFICATIONS

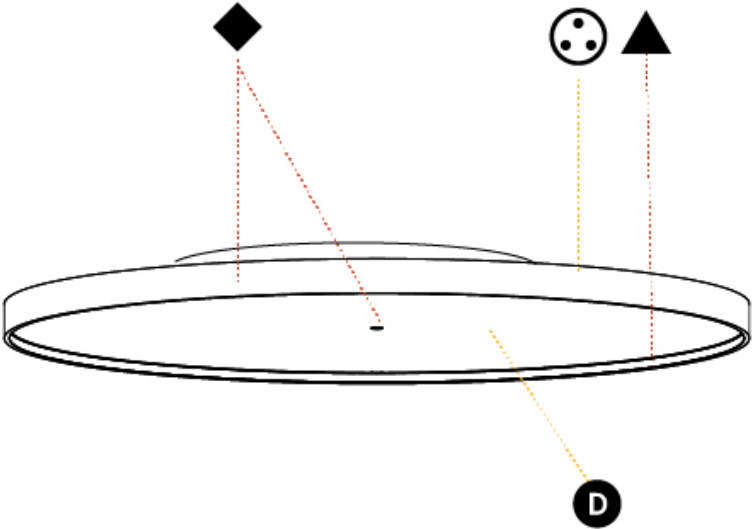
Certified By: Certified for North American Standards

IP rating: IP20

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SIGN DIVA KORONA SURFACE

A3D104-

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

1. To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Sign Diva
Subseries: Sign Diva Korona
Partner: Prolicht
Division: Architectural
Installation: Surface
Product Type: Ceiling Surface
Mounting Location: Ceiling
Light Distribution: Direct

PHYSICAL

Shape: Round
Diameter (mm): 1100
Diameter (in): 43 5/16
Height (mm): 89
Height (in): 3 1/2
Weight (kg): 18.835
Weight (lbs): 41.524
Diffuser: PMMA - Opal/Micro-Prism/Sparkling Secret/Vintage Industrial
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR / GMS
Fixture Material: PMMA / Extruded Aluminum / Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 169.4
Total Output Wattage (W): 134
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 600

LED

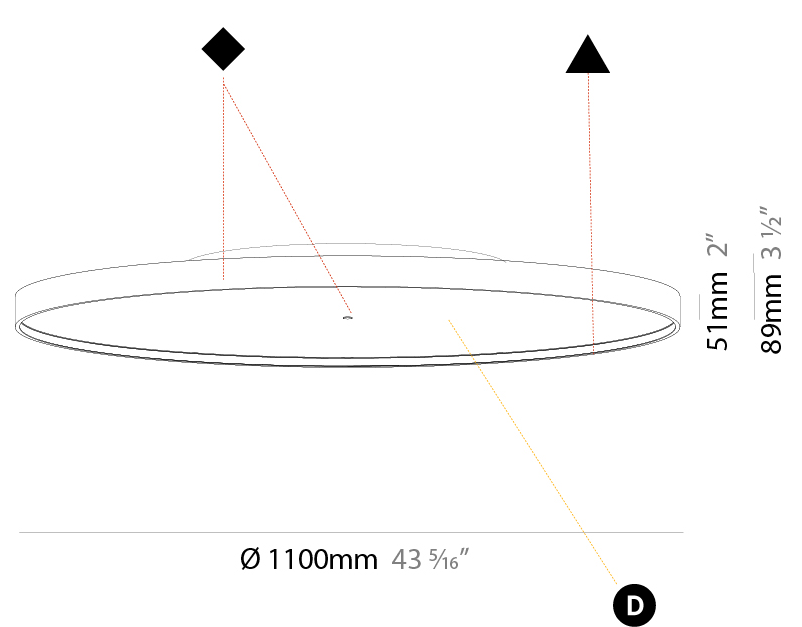
Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 19520 / 19933 / 20340
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

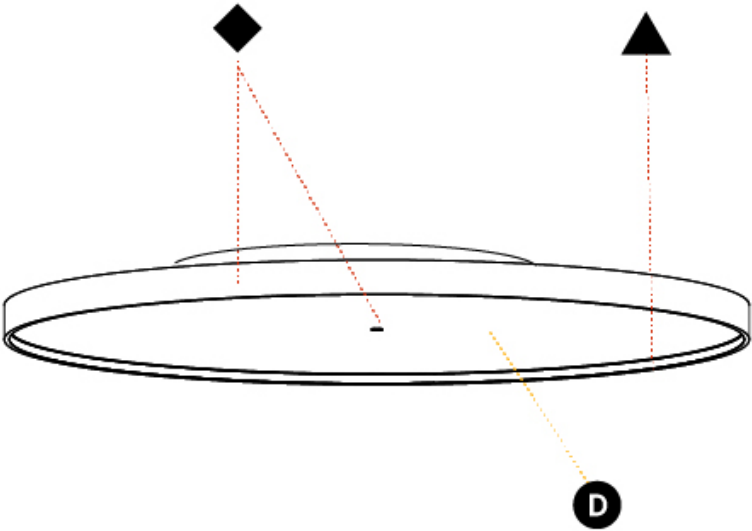
RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



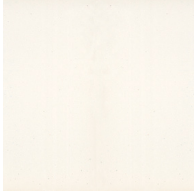
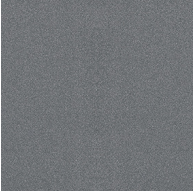
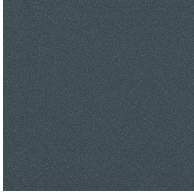
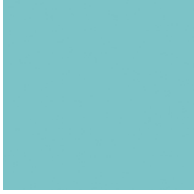
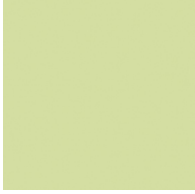
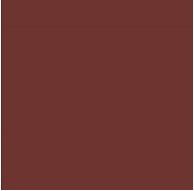
PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SIGN DIVA
COLOR FINISH CHART

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

Fixture Finish

Sparkling Silver - 01 (SSR) 	Black Velvet - 02 (BKV) 	Crystal White - 03 (CWI) 	Creamy - 04 (CRY) 	Hampton Bay - 05 (HAB) 	Urban Forest - 07 (UFT) 
In the Army - 08 (ITA) 	Rusty Angel - 09 (RUA) 	Fade to Gray - 12 (FTG) 	Mysterious Gray - 13 (MYG) 	Lost Dream - 15 (LOD) 	Purple Sky - 16 (PUS) 
Fresh Oh - 17 (FRO) 	Funky P. - 18 (FUP) 	Kissing Aphrodite - 19 (KIA) 	Poseidon's Paradise - 20 (POP) 	Blue Sky - 21 (BLS) 	Spring Green - 22 (SPG) 
Mellow Yellow - 23 (MEY) 	Golden Heart - 24 (GOH) 	Champagne Cream - 26 (CHC) 	Copper Mine - 27 (COM) 	Ancient Bronze - 28 (ABZ) 	Jazz Gold - 29 (JAG) 
Olive Breeze - 30 (OBR) 	Moonlight Silver - 31 (MOS) 	Rosewood Red - 32 (ROR) 	Gun Metal Solid - 33 (GMS) 		

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.
Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.



LEGEND

	floor-mounted		pivotal		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
	wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED
	ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered
	wall-mounted		color of suspension cable		fixture with natural vivid LED (upon request)
	omni-directional light distribution		length of suspension cable		color rendering index
	direct light distribution		reflector degree selection		color temperature
	direct/indirect light distribution		super spot		lumen (luminous flux)
	indirect light distribution		lens		efficacy (lumens per watt)
	asymmetric light distribution		lens pack		Unified Glare Rating (UGR) range from 5-40
	aura light distribution		shine ring		marine grade (AISI 316 stainless steel)
	round wall or ceiling cut-out		integrated shine ring with diffuser		walk on
	square wall or ceiling cut-out		free individual colors 01-29		drive on
	the supplied jig specifies the cutout dimensions		individual colors: 00 (free of charge), 01-25 (extra charge)		Dark Sky Compliance
	minimum distance (meters) lamp - object		luminaire part to be colored (F1)		Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)		acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/control gear		color of 3-circuit adaptor		protection class II, protection insulation
	separately switchable		indirect diffuser		ETL Certified to UL and CSA Standards
	sensor		direct diffuser		UL Certified to UL and CSA Standards
	remote control		ball-proof (upon request)		CSA Certified to UL and CSA Standards
	available upon request		accessory		Certified for North American Standards

IP RATING

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

IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)