ZANEEN®

FLUDD SUSPENSION

D31031
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: Fludd
Brand: Cini & Nils
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant

PHYSICAL

Shape: Bell
Diameter (mm): 550
Diameter (in): 21 $\frac{5}{8}$
Height (mm): 70
Height (in): 2 $\frac{3}{4}$
Max. Overall Height (mm): 2500
Max. Overall Height (in): 98 $\frac{7}{16}$
Light Distribution: Omnidirectional
Weight (kg): 7
Weight (lbs): 15.4
Diffuser: Technopolymers - Opal - Opalescent-Transparent
Holder Finish: White
Fixture Material: Aluminium / Steel / Technopolymers
Cable Details: 2 x 2430mm Cable

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 31.1
Total Output Wattage (W): 26.4
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
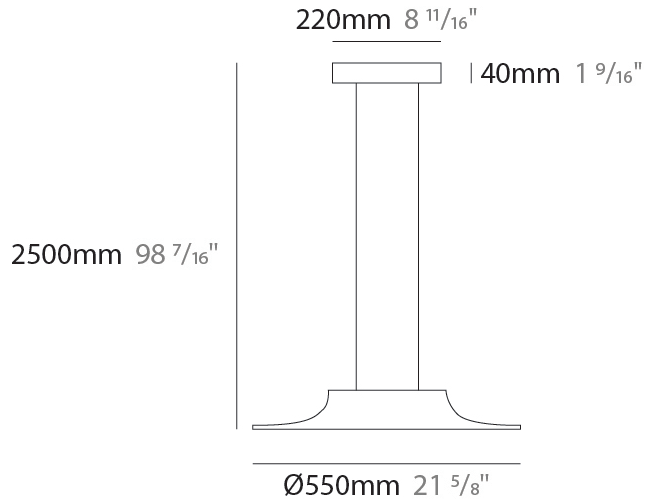Input Voltage (V): 120 - 277
Constant Current (MA): 700

LED

Color Temperature (°K): 2800
Nominal Lumen (lm): 3800
CRI: >92 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

220mm 8 $\frac{11}{16}$"

40mm 1 $\frac{9}{16}$"

2500mm 98 $\frac{7}{16}$"

Ø550mm 21 $\frac{5}{8}$"

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FLUDD SURFACE

D32022
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: Fludd
Brand: Cini & Nils
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Bell
Diameter (mm): 550
Diameter (in): 21 $\frac{5}{8}$
Height (mm): 110
Height (in): 4 $\frac{5}{16}$
Light Distribution: Omnidirectional
Weight (kg): 7
Weight (lbs): 15.4
Diffuser: Technopolymers - Opal - Opalescent-Transparent
Holder Finish: White
Fixture Material: Aluminium / Steel / Technopolymers

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 31.1
Total Output Wattage (W): 26.4
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
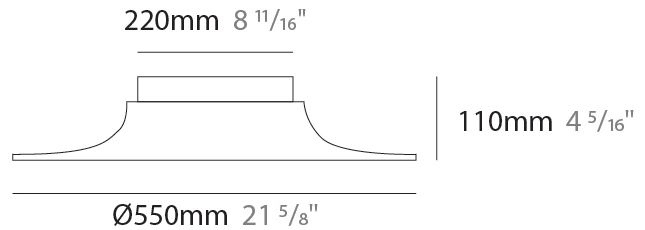Input Voltage (V): 120 - 277
Constant Current (MA): 700

LED

Color Temperature (°K): 2800
Nominal Lumen (lm): 3800
CRI: >92 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

220mm 8 $\frac{11}{16}$"

110mm 4 $\frac{5}{16}$"

Ø550mm 21 $\frac{5}{8}$"

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FLUDD
COLOR FINISH CHART

Fixture Finish

Holder 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.

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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

LEGEND

↓	floor-mounted	⊻	pivotable	✱	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	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)
▼	indirect light distribution	⊼	lens	LM/W	efficacy (lumens per watt)
◣	asymmetric light distribution	⦿⦿	lens pack	UGR	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)	DSC	Dark Sky Compliance
⊕⟷M	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	D	direct diffuser	ⓊL	UL Certified to UL and CSA Standards
📱	remote control	⚽	ball-proof (upon request)	ⒸB	CSA Certified to UL and CSA Standards
☎	available upon request	📎	accessory	Ⓩ	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

IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm 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)
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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com.
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