

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

QUEEN SUSPENSION

D61041-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen
 Partner: Linea Zero
 Division: Design
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling

PHYSICAL

Shape: Abstract
 Diameter (mm): 750
 Diameter (in): 29 1/2
 Height (mm): 600
 Height (in): 23 5/8
 Max. Overall Height (mm): 2100
 Max. Overall Height (in): 82 11/16
 Diffuser: Polilux™ Shade - See Finish Options
 Fixture Finish: WHI / SIL / NGD / COP / PKM
 Fixture Material: Polilux™/ Metal holder
 Primary Material: Non-Static Polilux

ELECTRICAL

Number of Lamps: 3
 Lamp Type: LED Retrofit
 Bulb Included: Bulb Not Included
 Max. Wattage Per Lamp (W): 7
 Lamp Base: E26
 Input Voltage (V): 120
 Upon Request: 277Vac / GU24

LED

OPTICAL

RATINGS AND CERTIFICATIONS

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



QUEEN SUSPENSION

D61041-

PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



D

QUEEN SUSPENSION

D61041- : D61041-WHI

base number

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen
 Partner: Linea Zero
 Division: Design
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling

PHYSICAL

Shape: Abstract
 Diameter (mm): 750
 Diameter (in): 29 1/2
 Height (mm): 600
 Height (in): 23 5/8
 Max. Overall Height (mm): 2100
 Max. Overall Height (in): 82 11/16
 Weight (kg): 3.2
 Weight (lbs): 6.999
 Diffuser: White Polilux™ Shade
 Fixture Material: Polilux™/ Metal holder
 Primary Material: Non-Static Polilux

ELECTRICAL

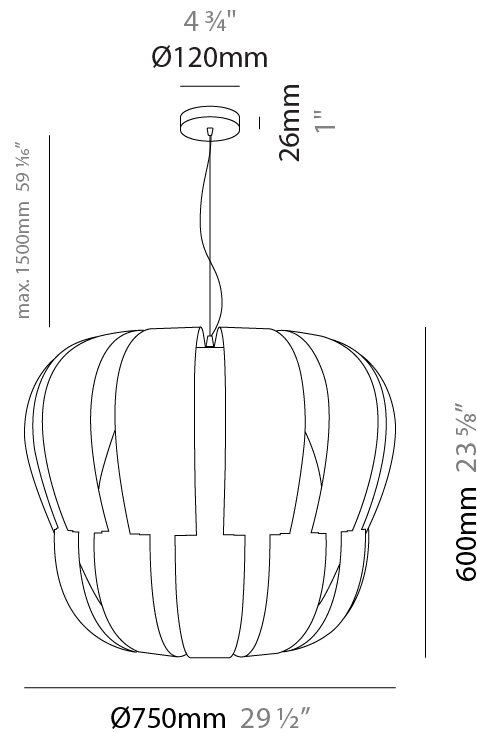
Number of Lamps: 3
 Lamp Type: LED Retrofit
 Bulb Included: Bulb Not Included
 Total Output Wattage (W): 21
 Max. Wattage Per Lamp (W): 7
 Lamp Base: E26
 Input Voltage (V): 120

LED

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



QUEEN SUSPENSION

D61041- : D61041-WHI

PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



D

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

QUEEN SUSPENSION

D61042-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen
 Partner: Linea Zero
 Division: Design
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling

PHYSICAL

Shape: Abstract
 Diameter (mm): 600
 Diameter (in): 23 5/8
 Height (mm): 540
 Height (in): 21 1/4
 Max. Overall Height (mm): 2080
 Max. Overall Height (in): 81 7/8
 Diffuser: Polilux™ Shade - See Finish Options
 Fixture Finish: WHI / SIL / NGD / COP / PKM
 Fixture Material: Polilux™/ Metal holder
 Primary Material: Non-Static Polilux

ELECTRICAL

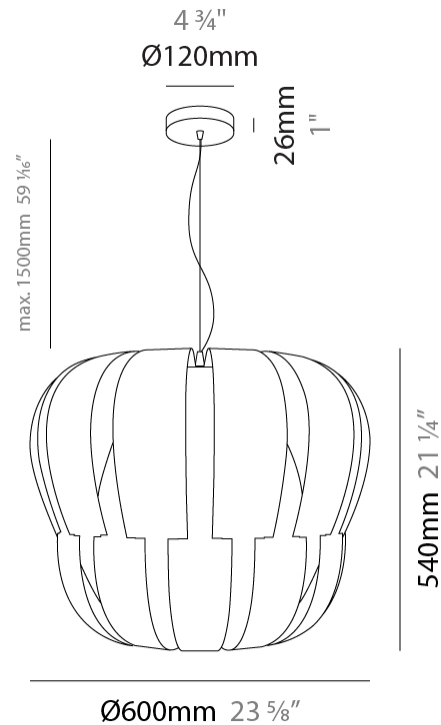
Number of Lamps: 2
 Lamp Type: LED Retrofit
 Bulb Included: Bulb Not Included
 Max. Wattage Per Lamp (W): 7
 Lamp Base: E26
 Input Voltage (V): 120
 Upon Request: 277Vac / GU24

LED

OPTICAL

RATINGS AND CERTIFICATIONS

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



QUEEN SUSPENSION

D61042-

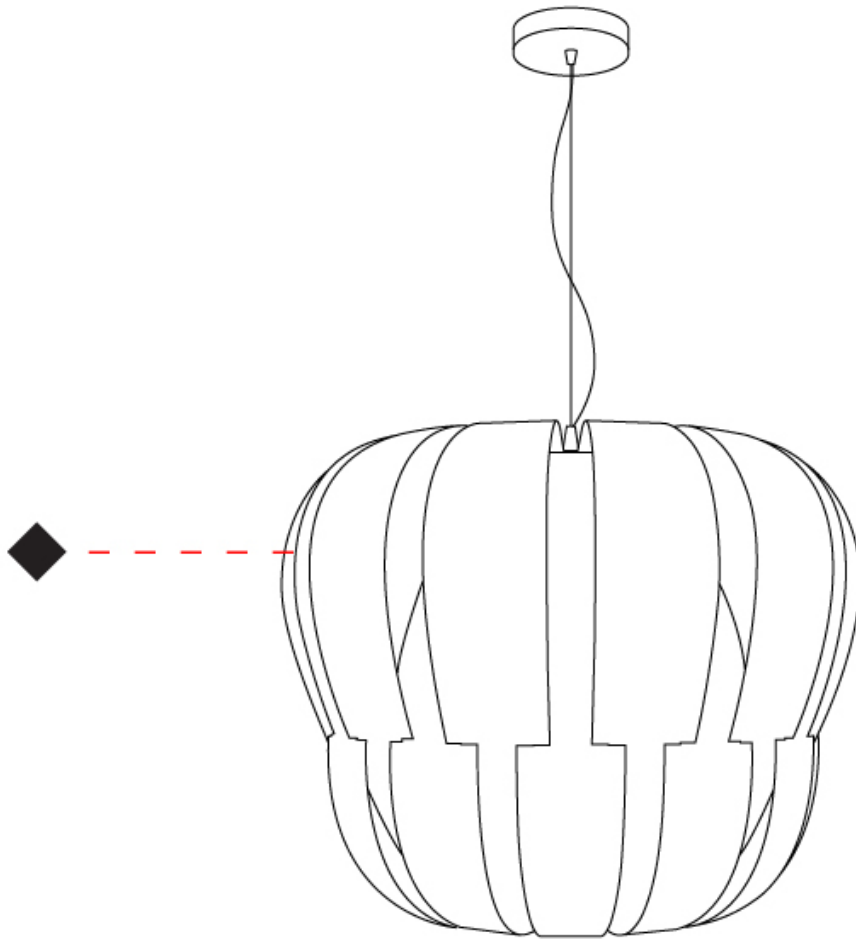
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



D

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

QUEEN SUSPENSION

D61043-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen _____
 Partner: Linea Zero _____
 Division: Design _____
 Installation: Suspension _____
 Product Type: Pendant _____
 Mounting Location: Ceiling _____

PHYSICAL

Shape: Abstract _____
 Diameter (mm): 420 _____
 Diameter (in): 16 ⁹/₁₆ _____
 Height (mm): 320 _____
 Height (in): 12 ⁵/₈ _____
 Max. Overall Height (mm): 1120 _____
 Max. Overall Height (in): 44 ¹/₈ _____
 Diffuser: Polilux™ Shade - See Finish Options _____
 Fixture Finish: WHI / SIL / NGD / COP / PKM _____
 Fixture Material: Polilux™/ Metal holder _____
 Primary Material: Non-Static Polilux _____
 Cable Details: Cable length 31" - Transparent _____

ELECTRICAL

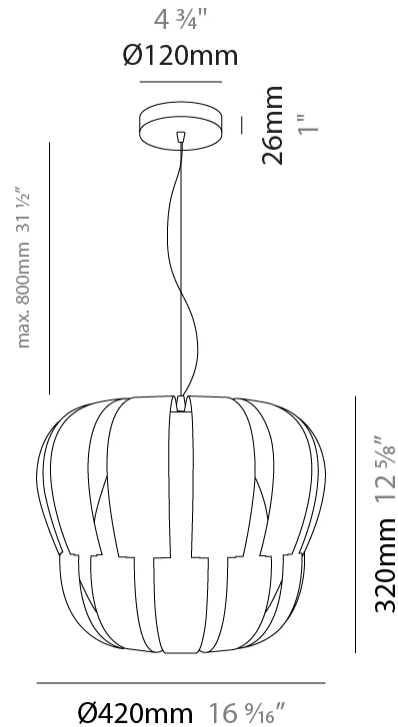
Number of Lamps: 1 _____
 Lamp Type: LED Retrofit _____
 Bulb Included: Bulb Not Included _____
 Max. Wattage Per Lamp (W): 7 _____
 Lamp Base: E26 _____
 Input Voltage (V): 120 _____
 Upon Request: 277Vac / GU24 _____

LED

OPTICAL

RATINGS AND CERTIFICATIONS

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



QUEEN SUSPENSION

D61043-

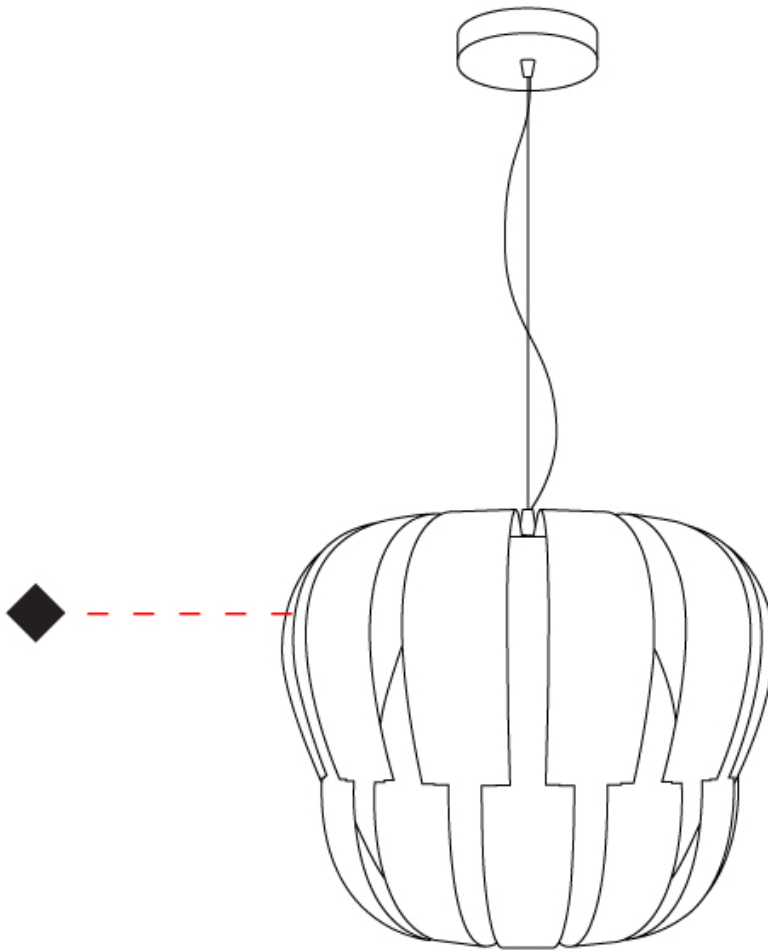
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

QUEEN SUSPENSION

D61043- : D61043-WHI

base number

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen
 Partner: Linea Zero
 Division: Design
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling

PHYSICAL

Shape: Abstract
 Diameter (mm): 420
 Diameter (in): 16 ³/₁₆
 Height (mm): 320
 Height (in): 12 ⁵/₈
 Max. Overall Height (mm): 1120
 Max. Overall Height (in): 44 ¹/₈
 Weight (kg): 3.2
 Weight (lbs): 6.999
 Diffuser: White - Polilux® Shade
 Fixture Material: Polilux™/ Metal holder
 Primary Material: Non-Static Polilux
 Cable Details: Cable length 31" - Transparent

ELECTRICAL

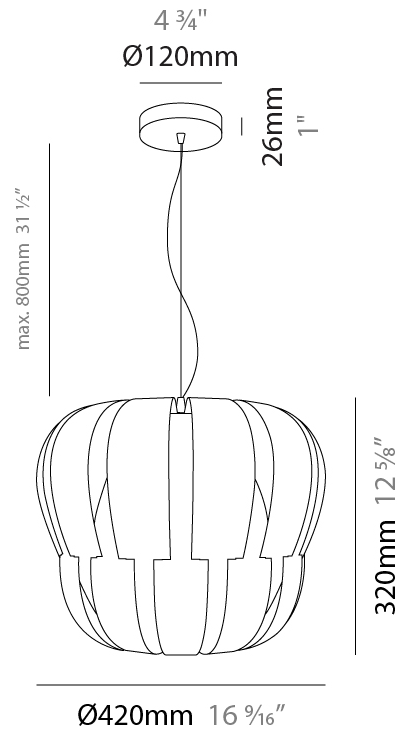
Number of Lamps: 1
 Lamp Type: LED Retrofit
 Bulb Included: Bulb Not Included
 Total Output Wattage (W): 7
 Max. Wattage Per Lamp (W): 7
 Lamp Base: E26
 Input Voltage (V): 120

LED

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



QUEEN SUSPENSION

D61043- : D61043-WHI

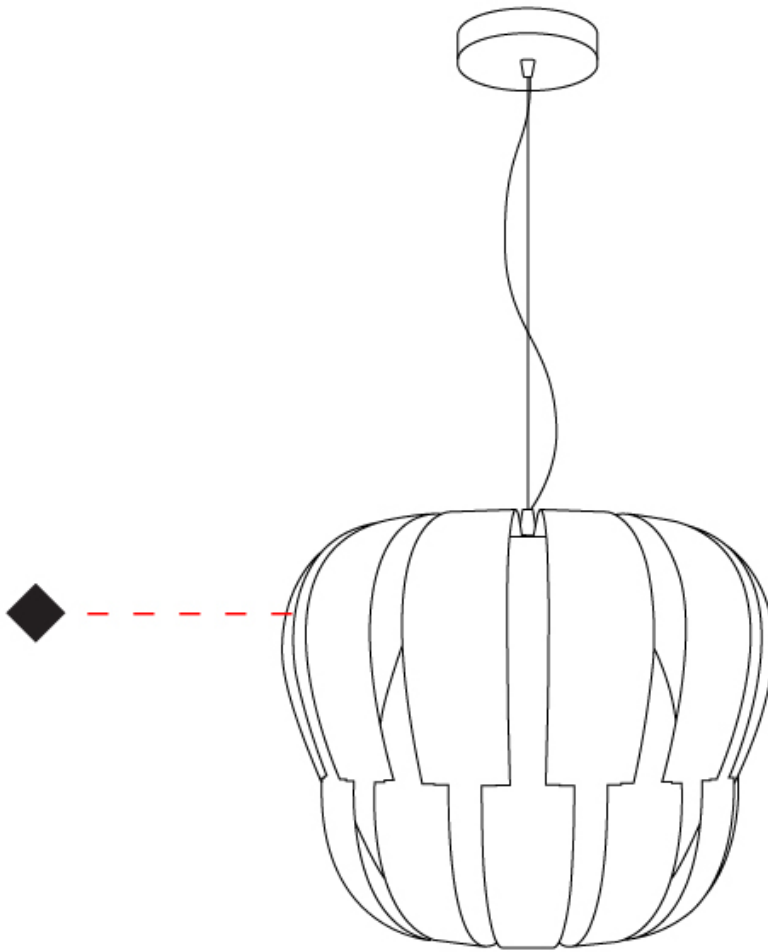
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



QUEEN SUSPENSION

D61046-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen
 Partner: Linea Zero
 Division: Design
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling

PHYSICAL

Shape: Abstract
 Diameter (mm): 190
 Diameter (in): 7 1/2
 Height (mm): 160
 Height (in): 6 5/16
 Max. Overall Height (mm): 960
 Max. Overall Height (in): 37 13/16
 Diffuser: Polilux™ Shade - See Finish Options
 Fixture Finish: WHI / SIL / NGD / COP / PKM
 Fixture Material: Polilux™/ Metal holder
 Primary Material: Non-Static Polilux

ELECTRICAL

Number of Lamps: 1
 Lamp Type: LED Retrofit
 Bulb Included: Bulb Not Included
 Max. Wattage Per Lamp (W): 3
 Lamp Base: E12
 Input Voltage (V): 120

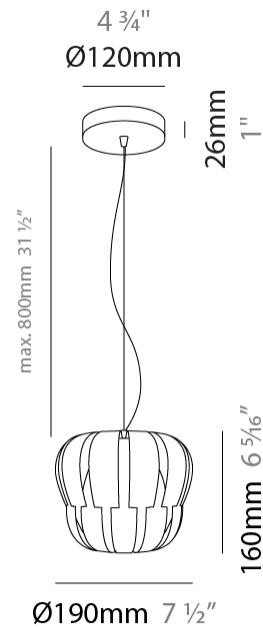
LED

OPTICAL

RATINGS AND CERTIFICATIONS

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

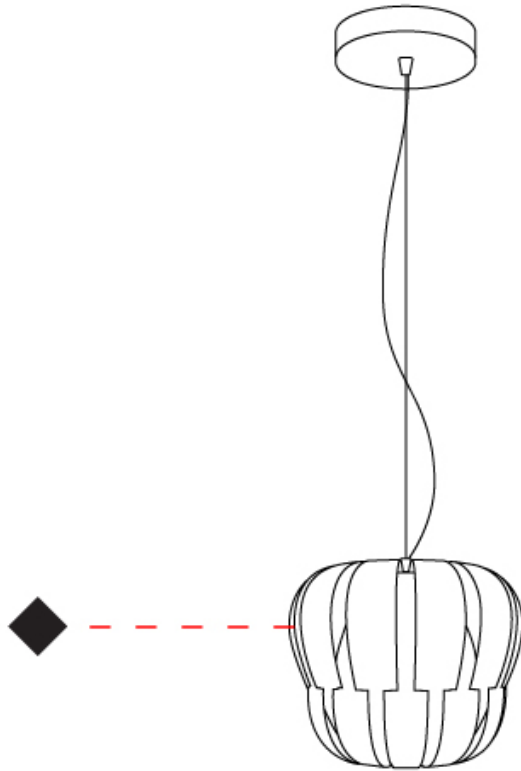
PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



QUEEN SUSPENSION

D61046-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



D

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

QUEEN SURFACE

D62033-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen _____
 Partner: Linea Zero _____
 Division: Design _____
 Installation: Surface _____
 Product Type: Ceiling Surface _____
 Mounting Location: Ceiling _____

PHYSICAL

Shape: Abstract _____
 Diameter (mm): 190 _____
 Diameter (in): 7 1/2 _____
 Height (mm): 170 _____
 Height (in): 6 11/16 _____
 Diffuser: Polilux™ Shade - See Finish Options _____
 Fixture Finish: WHI / PBL / POR / PGN / SIL / NGD / COP / PKM _____
 Fixture Material: Polilux™/ Metal holder _____
 Primary Material: Non-Static Polilux _____

ELECTRICAL

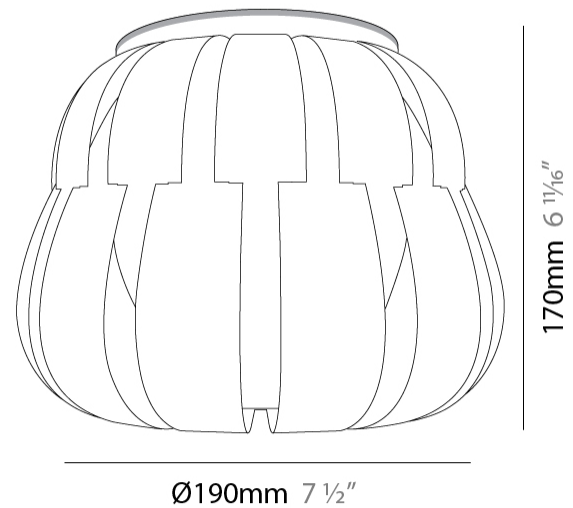
Number of Lamps: 1 _____
 Lamp Type: LED Retrofit _____
 Bulb Included: Bulb Not Included _____
 Max. Wattage Per Lamp (W): 3 _____
 Lamp Base: E12 _____
 Input Voltage (V): 120 _____

LED

OPTICAL

RATINGS AND CERTIFICATIONS

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



QUEEN SURFACE

D62033-

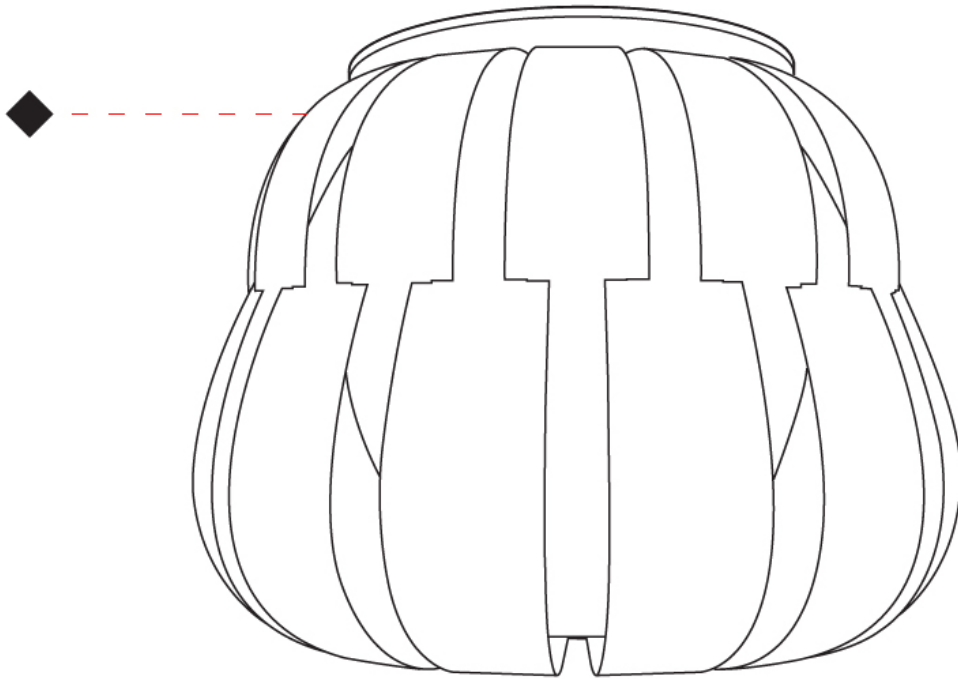
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



D

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

QUEEN PORTABLE

D64031-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen
 Partner: Linea Zero
 Division: Design
 Installation: Portable
 Product Type: Table
 Mounting Location: Table

PHYSICAL

Shape: Abstract
 Diameter (mm): 420
 Diameter (in): 16 ⁹/₁₆
 Height (mm): 330
 Height (in): 13
 Diffuser: Polilux™ Shade - See Finish Options
[Fixture Finish: WHI / PBL / POR / PGN / SIL / NGD / COP / PKM](#)
 Fixture Material: Polilux™/ Metal holder
 Primary Material: Non-Static Polilux

ELECTRICAL

Number of Lamps: 1
 Lamp Type: LED Retrofit
 Bulb Included: Bulb Not Included
 Max. Wattage Per Lamp (W): 7
 Lamp Base: E26
 Input Voltage (V): 120
 Upon Request: 277Vac / GU24

LED

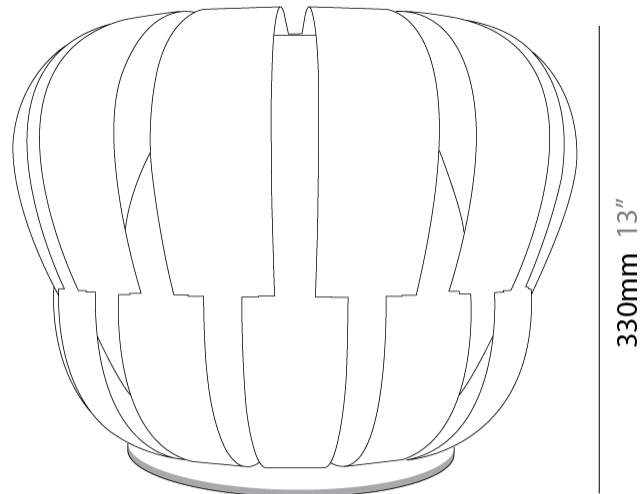
OPTICAL

RATINGS AND CERTIFICATIONS

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



Ø420mm 16 ⁹/₁₆"



QUEEN PORTABLE

D64031-

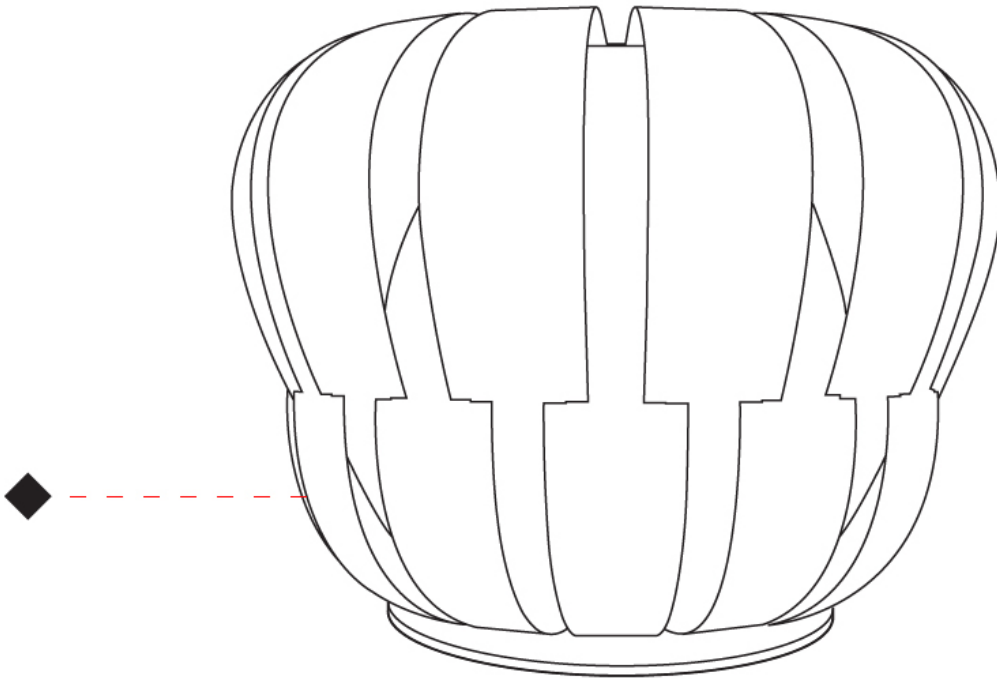
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



D

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

QUEEN PORTABLE

D64034-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen
 Partner: Linea Zero
 Division: Design
 Installation: Portable
 Product Type: Table
 Mounting Location: Table

PHYSICAL

Shape: Abstract
 Diameter (mm): 190
 Diameter (in): 7 1/2
 Height (mm): 170
 Height (in): 6 11/16
 Diffuser: Polilux™ Shade - See Finish Options
 Fixture Finish: WHI / SIL / NGD / COP / PKM
 Fixture Material: Polilux™/ Metal holder
 Primary Material: Non-Static Polilux

ELECTRICAL

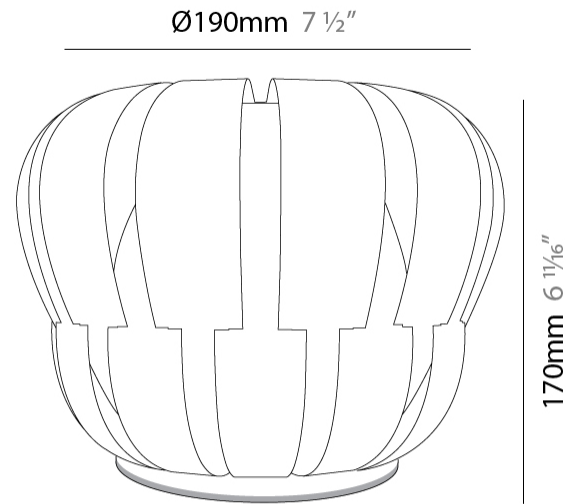
Number of Lamps: 1
 Lamp Type: LED Retrofit
 Bulb Included: Bulb Not Included
 Max. Wattage Per Lamp (W): 3
 Lamp Base: E12
 Input Voltage (V): 120

LED

OPTICAL

RATINGS AND CERTIFICATIONS

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



QUEEN PORTABLE

D64034-

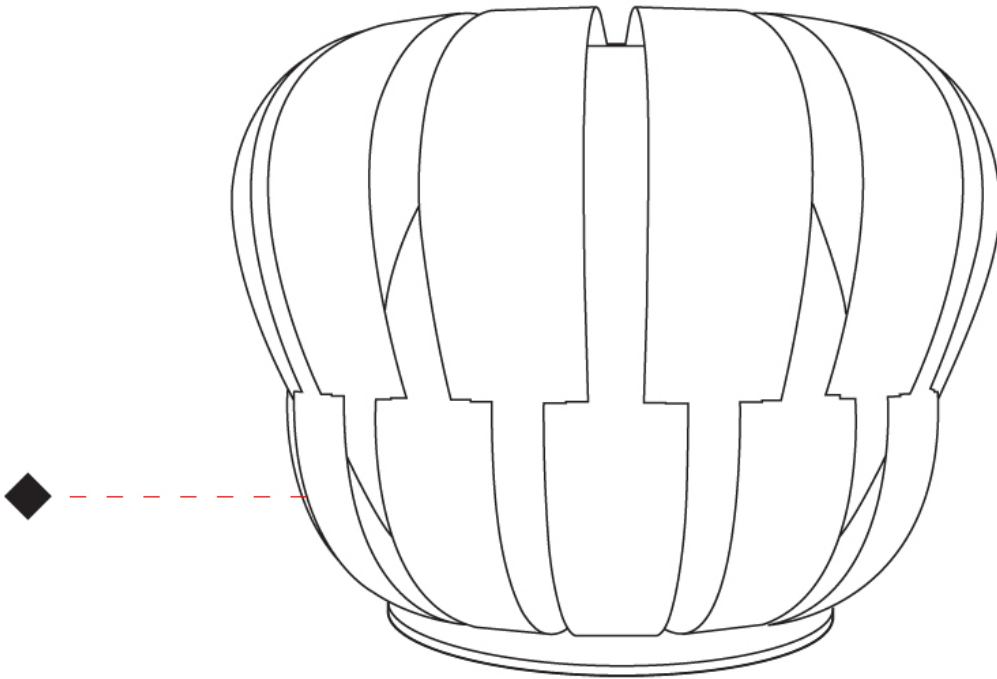
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



D

QUEEN PORTABLE

D64035-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen
Partner: Linea Zero
Division: Design
Installation: Portable
Product Type: Table
Mounting Location: Table

PHYSICAL

Shape: Abstract
Diameter (mm): 190
Diameter (in): 7 1/2
Height (mm): 330
Height (in): 13
Diffuser: Polilux™ Shade - See Finish Options
[Fixture Finish: WHI / SIL / NGD / COP / PKM](#)
Fixture Material: Polilux™/ Metal holder
Primary Material: Non-Static Polilux

ELECTRICAL

Number of Lamps: 1
Lamp Type: LED Retrofit
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 3
Lamp Base: E12
Input Voltage (V): 120

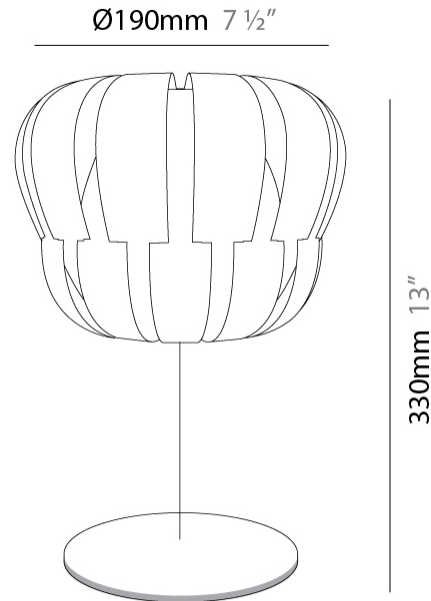
LED

OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



QUEEN PORTABLE

D64035-

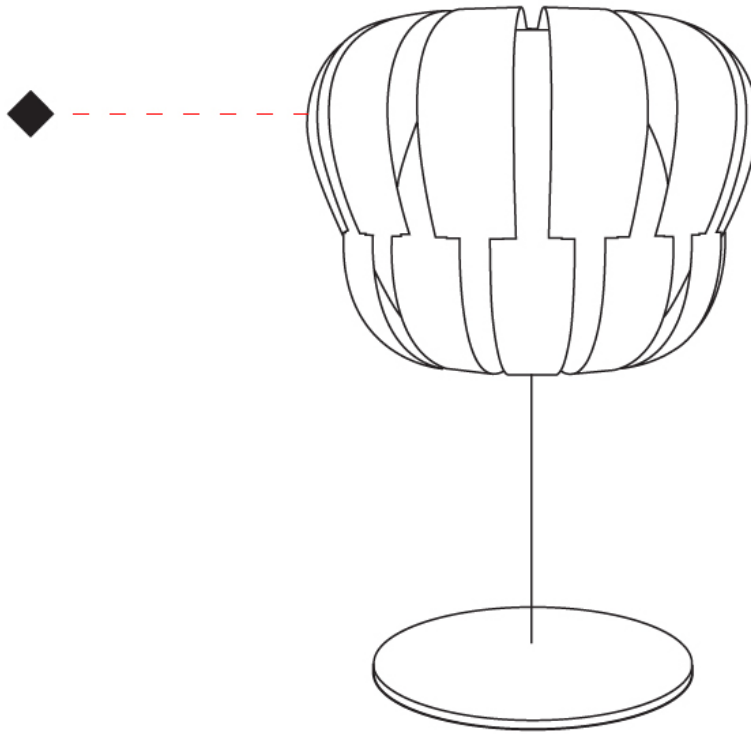
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



QUEEN PORTABLE

D64036-

base number Finish
Options

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen _____
 Partner: Linea Zero _____
 Division: Design _____
 Installation: Portable _____
 Product Type: Table _____
 Mounting Location: Table _____

PHYSICAL

Shape: Abstract _____
 Diameter (mm): 360 _____
 Diameter (in): 14 ³/₁₆ _____
 Height (mm): 630 _____
 Height (in): 24 ¹³/₁₆ _____
 Diffuser: Polilux™ Shade - See Finish Options _____
 Fixture Finish: WHI / SIL / NGD / COP / PKM _____
 Fixture Material: Polilux™/ Metal holder _____
 Primary Material: Non-Static Polilux _____

ELECTRICAL

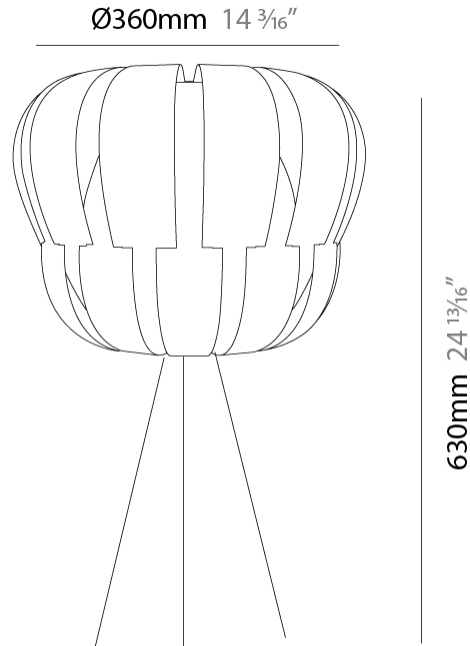
Number of Lamps: 1 _____
 Lamp Type: LED Retrofit _____
 Bulb Included: Bulb Not Included _____
 Max. Wattage Per Lamp (W): 3 _____
 Lamp Base: E12 _____
 Input Voltage (V): 120 _____

LED

OPTICAL

RATINGS AND CERTIFICATIONS

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



QUEEN PORTABLE

D64036-

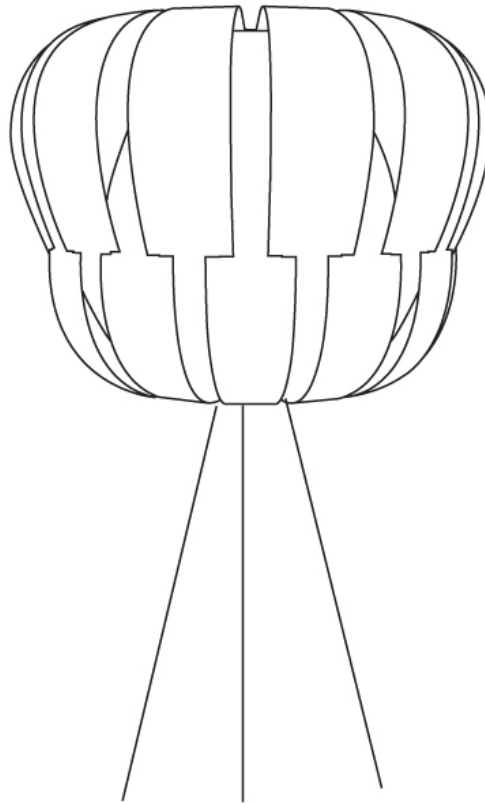
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

QUEEN PORTABLE

D64038-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen _____
 Partner: Linea Zero _____
 Division: Design _____
 Installation: Portable _____
 Product Type: Floor _____
 Mounting Location: Floor _____

PHYSICAL

Shape: Abstract _____
 Diameter (mm): 600 _____
 Diameter (in): 23 5/8 _____
 Height (mm): 550 _____
 Height (in): 21 5/8 _____
 Diffuser: Polilux™ Shade - See Finish Options _____
 Fixture Finish: WHI / SIL / NGD / COP / PKM _____
 Fixture Material: Polilux™/ Metal holder _____
 Primary Material: Non-Static Polilux _____

ELECTRICAL

Number of Lamps: 2 _____
 Lamp Type: LED Retrofit _____
 Bulb Included: Bulb Not Included _____
 Max. Wattage Per Lamp (W): 7 _____
 Lamp Base: E26 _____
 Input Voltage (V): 120 _____
 Upon Request: 277Vac / GU24 _____

LED

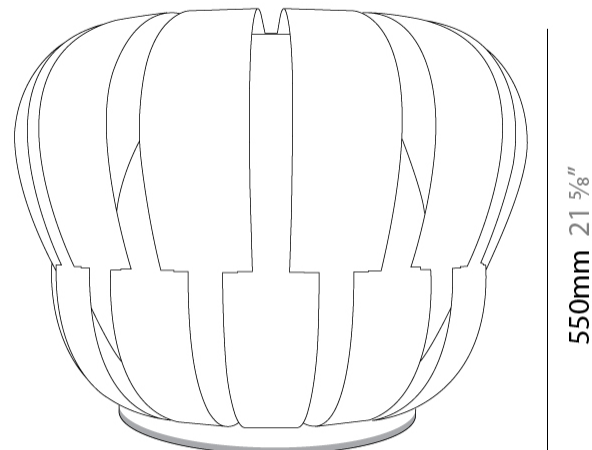
OPTICAL

RATINGS AND CERTIFICATIONS

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



Ø600mm 23 5/8"



QUEEN PORTABLE

D64038-

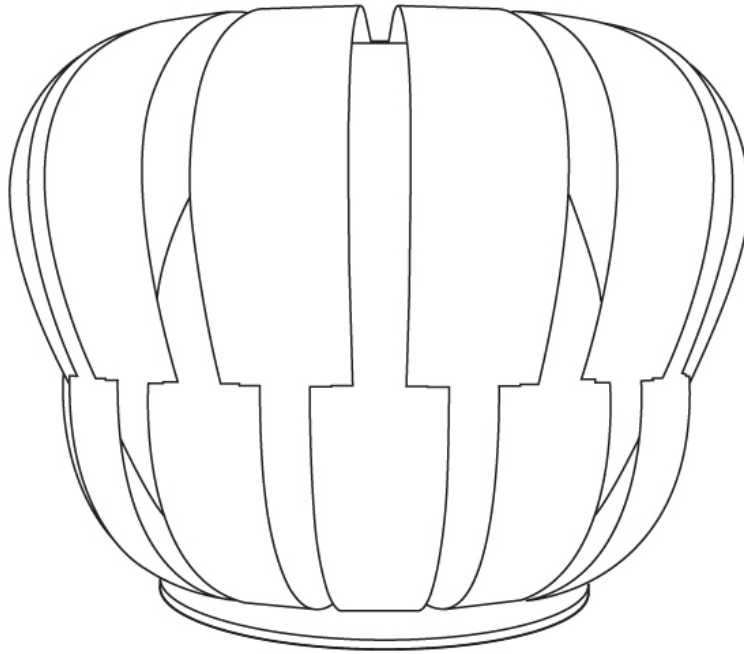
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



QUEEN PORTABLE

D64039-

base number Finish
Options

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen _____
 Partner: Linea Zero _____
 Division: Design _____
 Installation: Portable _____
 Product Type: Floor _____
 Mounting Location: Floor _____

PHYSICAL

Shape: Abstract _____
 Diameter (mm): 420 _____
 Diameter (in): 16 ⁹/₁₆ _____
 Height (mm): 1720 _____
 Height (in): 67 ¹¹/₁₆ _____
 Diffuser: Polilux™ Shade - See Finish Options _____
 Fixture Finish: WHI / SIL / NGD / COP / PKM _____
 Fixture Material: Polilux™/ Metal holder _____
 Primary Material: Non-Static Polilux _____

ELECTRICAL

Number of Lamps: 1 _____
 Lamp Type: LED Retrofit _____
 Bulb Included: Bulb Not Included _____
 Max. Wattage Per Lamp (W): 7 _____
 Lamp Base: E26 _____
 Input Voltage (V): 120 _____
 Upon Request: 277Vac / GU24 _____

LED

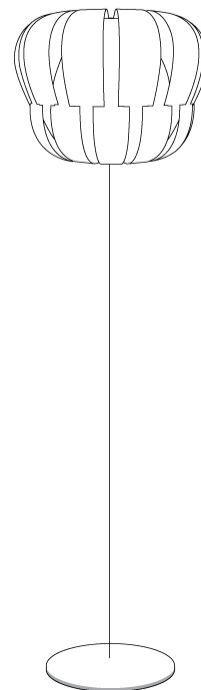
OPTICAL

RATINGS AND CERTIFICATIONS

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



Ø420mm 16 ⁹/₁₆"



1720mm 67 ¹¹/₁₆"



QUEEN PORTABLE

D64039-

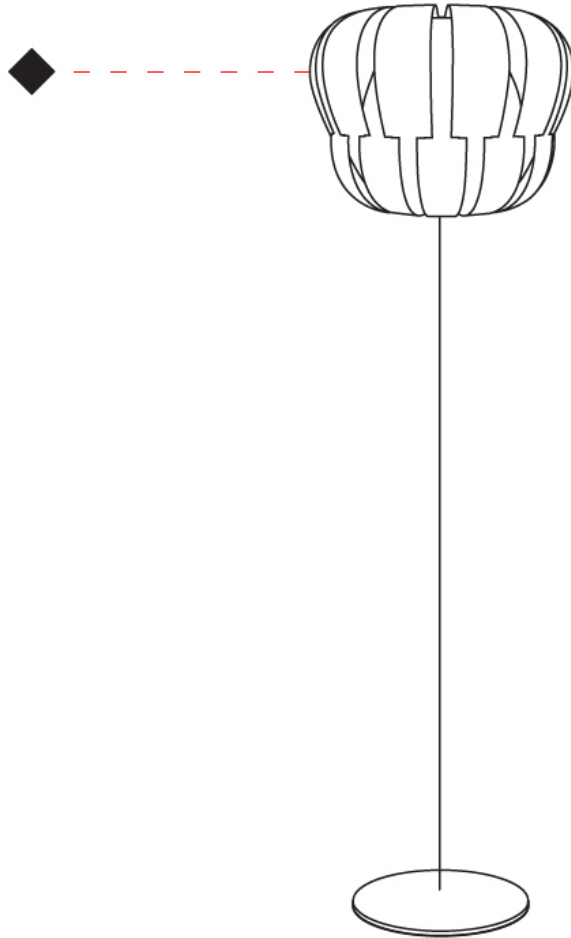
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



D

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

QUEEN PORTABLE

D64040-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Queen
 Partner: Linea Zero
 Division: Design
 Installation: Portable
 Product Type: Floor
 Mounting Location: Floor

PHYSICAL

Shape: Abstract
 Diameter (mm): 420
 Diameter (in): 16 ⁹/₁₆
 Height (mm): 1650
 Height (in): 64 ¹⁵/₁₆
 Diffuser: Polilux™ Shade - See Finish Options
 Fixture Finish: WHI / SIL / NGD / COP / PKM
 Fixture Material: Polilux™/ Metal holder
 Primary Material: Non-Static Polilux

ELECTRICAL

Number of Lamps: 1
 Lamp Type: LED Retrofit
 Bulb Included: Bulb Not Included
 Max. Wattage Per Lamp (W): 7
 Lamp Base: E26
 Input Voltage (V): 120
 Upon Request: 277Vac / GU24

LED

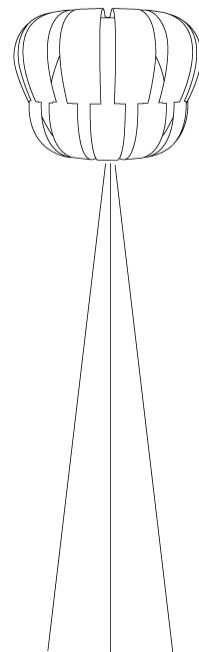
OPTICAL

RATINGS AND CERTIFICATIONS

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



Ø420mm 16 ⁹/₁₆"



1650mm 64 ¹⁵/₁₆"



QUEEN PORTABLE

D64040-

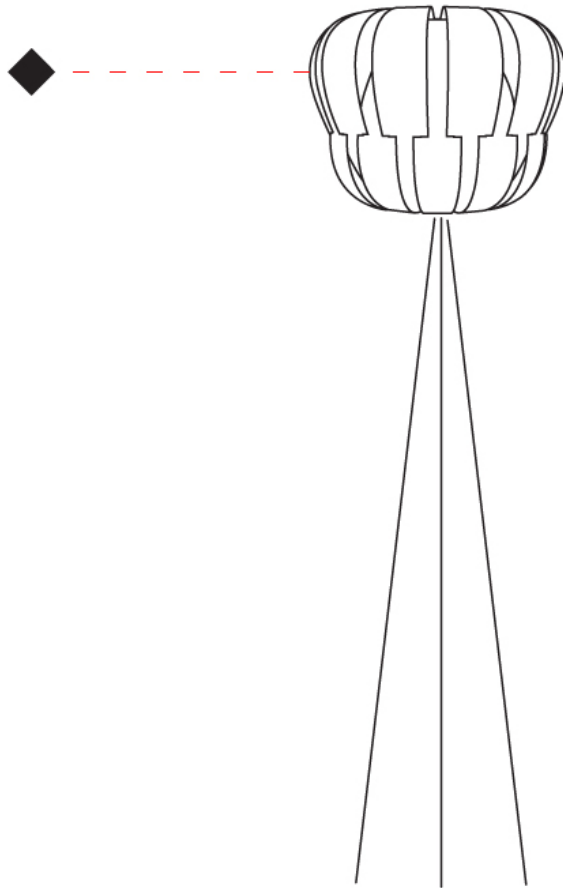
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



D

PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

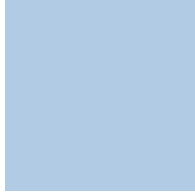
DATE _____

Fixture Finish

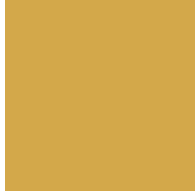
White - WHI



Pastel Blue - PBL



Pastel Ochre - POR



Pastel Green - PGN



Silver - SIL



New Gold - NGD



Copper - COP



Pink Metal - PKM



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.













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	 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

 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)