ZANEEN_®

SIGN DIVA TUBE SUSPENSION

A300020-

Color Finishes Finishes base number LED Finishes Diffuser Dimming Temperature (Diamond) (Triangle) (Circle) with Ring

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 Tube Subseries: Sign Diva Tube Brand: Prolicht Division: Architectural Mounting Type: Suspension Mounting Location: Ceiling Subcategory: Pendant PHYSICAL Shape: Round Diameter (nm): 400 Diameter (in): 15 ³ / ₄ Height (mm): 72 Height (in): 2 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel	
Brand: ProlichtDivision: ArchitecturalMounting Type: SuspensionMounting Location: CeilingSubcategory: PendantPHYSICALShape: RoundDiameter (mm): 400Diameter (in): $15 \frac{3}{4}$ Height (mm): 72Height (in): 2^{13}_{16} Max. Overall Height (mm): 2002Max. Overall Height (in): $78 \frac{33}{16}$ Light Distribution: DirectWeight (kg): 2.888Weight (kg): 6.366Diffuser: PMMA - Opal / Micro-Prism / Sparkling Secret / Vintage IndustrialFixture 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 / RORFixture Material: Extruded Aluminum / SteelELECTRICAL	Series: Sign Diva Tube
Division: Architectural Mounting Type: Suspension Mounting Location: Ceiling Subcategory: Pendant PHYSICAL Shape: Round Diameter (mm): 400 Diameter (in): 15 ³ / ₄ Height (mm): 72 Height (in): 2 ¹³ / ₁₆ Max. Overall Height (mm): 2002 Max. Overall Height (inn): 78 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Subseries: Sign Diva Tube
Mounting Type: Suspension Mounting Location: Ceiling Subcategory: Pendant PHYSICAL Shape: Round Diameter (mm): 400 Diameter (in): 15 ³ / ₄ Height (mm): 72 Height (in): 2 ¹³ / ₁₆ Max. Overall Height (mm): 2002 Max. Overall Height (in): 78 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Brand: Prolicht
Mounting Location: Ceiling Subcategory: Pendant PHYSICAL Shape: Round Diameter (mm): 400 Diameter (in): 15 ³ / ₄ Height (mm): 72 Height (in): 2 ¹³ / ₁₆ Max. Overall Height (mm): 2002 Max. Overall Height (inn): 2002 Max. Overall Height (inn): 78 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Division: Architectural
Subcategory: Pendant PHYSICAL Shape: Round Diameter (mm): 400 Diameter (in): 15 ³ / ₄ Height (mm): 72 Height (in): 2 ¹³ / ₁₆ Max. Overall Height (mm): 2002 Max. Overall Height (in): 78 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Mounting Type: Suspension
PHYSICAL Shape: Round Diameter (mm): 400 Diameter (in): 15 ³ / ₄ Height (mm): 72 Height (in): 2 ¹³ / ₁₆ Max. Overall Height (mm): 2002 Max. Overall Height (in): 78 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Mounting Location: Ceiling
Shape: Round Diameter (mm): 400 Diameter (in): 15 ³ / ₄ Height (mm): 72 Height (in): 2 ¹³ / ₁₆ Max. Overall Height (mm): 2002 Max. Overall Height (in): 78 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (kg): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Subcategory: Pendant
Diameter (mm): 400 Diameter (in): 15 ³ / ₄ Height (mm): 72 Height (in): 2 ¹³ / ₁₆ Max. Overall Height (mm): 2002 Max. Overall Height (in): 78 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (kg): 2.888 Weight (kg): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	PHYSICAL
Diameter (in): 15 $\frac{3}{4}$ Height (mm): 72 Height (in): 2 $\frac{13}{16}$ Max. Overall Height (mm): 2002 Max. Overall Height (in): 78 $\frac{13}{16}$ Light Distribution: Direct Weight (kg): 2.888 Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Shape: Round
Height (mn): 72 Height (in): 2 ¹³ / ₁₆ Max. Overall Height (mm): 2002 Max. Overall Height (in): 78 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Diameter (mm): 400
Height (in): 2 ¹³ / ₁₆ Max. Overall Height (mm): 2002 Max. Overall Height (in): 78 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Diameter (in): $15\frac{3}{4}$
Max. Overall Height (mm): 2002 Max. Overall Height (in): 78 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Height (mm): 72
Max. Overall Height (in): 78 ¹³ / ₁₆ Light Distribution: Direct Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Height (in): 2 ¹³ / ₁₆
Light Distribution: Direct Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Max. Overall Height (mm): 2002
Weight (kg): 2.888 Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Max. Overall Height (in): 78 ¹³ / ₁₆
Weight (lbs): 6.366 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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Light Distribution: Direct
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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	Weight (kg): 2.888
Industrial 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	Weight (lbs): 6.366
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Extruded Aluminum / Steel ELECTRICAL	
ELECTRICAL	LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /
	Fixture Material: Extruded Aluminum / Steel
	ELECTRICAL
Lamp Type: LED (Zhaga Standard)	Lamp Type: LED (Zhaga Standard)

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 17
Total Output Wattage (W): 16
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): 1807 / 1943 / 1951 / 1991
Nominal Lumen (lm): 2250 / 2450 / 2430 / 2480
CRI: >90 CRI
Lamp Life (hrs): 50000

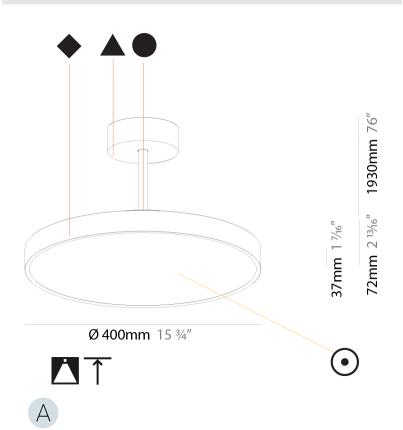
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





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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.

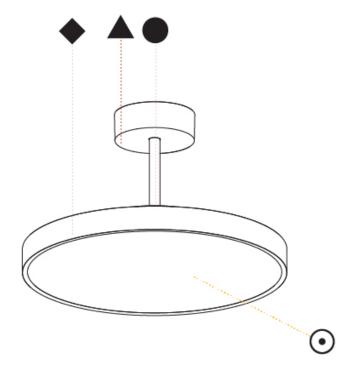
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SIGN DIVA TUBE SUSPENSION

A300020-

PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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June 27, 2024, 4:33 pm

SIGN DIVA TUBE KORONA SUSPENSION

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)
the base mod 2. To build a n	el # product µ nanual produ	n our configure bage Ict code on this e font and add	datasheet	choose from	the
GENERAL					
Series: Sign D	iva Tube				
Subseries: Sig		Korona			
Brand: Prolich					
Division: Arch	itectural				
Mounting Typ	e: Suspensio	n			
Mounting Loc	ation: Ceilin	5			
Subcategory:	Pendant				
PHYSICAL					
Shape: Round	I				
Diameter (mn	n): 400				
Diameter (in):	15 ³ / ₄				
Height (mm):	86				
Height (in): 3 🖁	3/8				
Max. Overall H	leight (mm):	2016			
Max. Overall H	leight (in): 79	∂ ³ / ₈			
Light Distribu	tion: Direct				
Weight (kg): 3	.251				
Weight (lbs): 7					
Diffuser: PMM Industrial	A - Opal / Mio	cro-Prism / Spa	arkling Secr	et / Vintage	
	RO / FUP / KI	CWI / CRY / HA A / POP / BLS / OS / ROR			
Fixture Materi	al: Extruded	Aluminum / S	teel		
ELECTRICAL					
Lamp Type: Ll		andard)			
Input Wattage				. /	
Dimming: Tri- and 0-10V Dim		Dimming and F	hase Dimm	ing (120Vac	only)
Driver Include					
Driver Locatio		1			
		rent - Universa	l		
Driver Class: C			-		
		7			

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

LED

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

Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1807 / 1943 / 1951 / 1991
Nominal Lumen (lm): 2250 / 2420 / 2430 / 2480
CRI: >90 CRI
Lamp Life (hrs): 50000

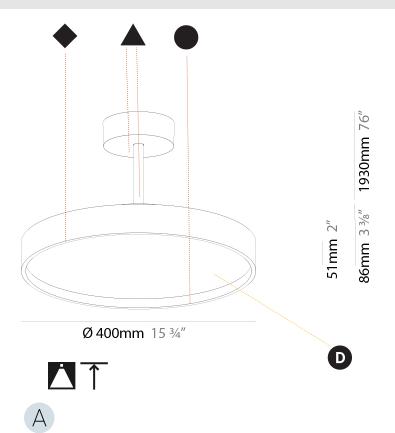
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ			
SPECIFIER			
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DATE			





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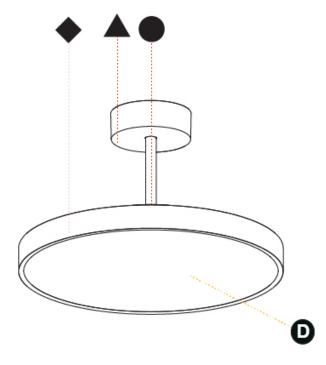
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SIGN DIVA TUBE KORONA SUSPENSION

A300025-

PROJECT

PROJECT			
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SPECIFIER			
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SIGN DIVA TUBE

COLOR FINISH CHART

Fixture Finish

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

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)	Gun Metal - 25 (GUM)	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)		

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.

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SIGN DIVA TUBE

PROJECT

TYPE SPECIFIER

QUANTITY

DATE

LEGEND

_					
↓_	floor-mounted	¥	pivotable	\circledast	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
$\overline{}$	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
\uparrow	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
\rightarrow	wall-mounted	T	color of suspension cable	1111 1140	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution		length of suspension cable	CRI	color rendering index
Ä	direct light distribution	Δ	reflector degree selection	€К	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	\bigotimes	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
\mathbf{X}	aura light distribution	0	shine ring	3	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	٢	walk on
5	square wall or ceiling cut-out	Ċ	free individual colors 01-29	۲	drive on
d d	the supplied jig specifies the cutout dimensions	ů).	individual colors: 00 (free of charge), 01-25 (extra charge)	BSC	Dark Sky Compliance
(++) M+	minimum distance (meters) lamp - object	۲	luminaire part to be colored (F1)	Ġ	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)	ۥ	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
Y	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
シリ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards
(.)»	remote control	\odot	ball-proof (upon request)	œ.	CSA Certified to UL and CSA Standards
2	available upon request	U	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
1966	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
1968	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

КОТ	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)
КОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
КО4	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IKO6	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IKO7	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
КО9	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)