ZANEEN_®

MECHANIQ ROUND COMFORT TRIMLESS

A35001-

base number	Color	Finishes	Finishes	Finishes	Ceiling
	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness

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

GENERAL	-
Series: Me	echaniq Square Comfort
Subseries	s: Mechaniq Round Comfort
Brand: Pr	olicht
Division:	Architectural
Mounting	g Type: Trimless
Mounting	Location: Ceiling
Subcateg	ory: Downlight
PHYSICA	L
Shape: Ro	ound
Diameter	· (mm): 131
Diameter	(in): 5 ³ / ₁₆
Length (ir	n): 6 ¾
Height (m	nm): 127
Height (ir	n): 5
Ceiling Th	nickness (mm): 10 / 12 / 15 / 25
	nickness (in): 3/8 or 1/2 or 9/16 or 1
Min. Rece	essing Depth (mm): 140
Min. Rece	essing Depth (in): 5 ½
Light Dist	ribution: Adjustable / Downlight
Weight (k	.92 g): .92
Weight (ll	bs): 2.02
	nish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR /
	6 / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG /
	H / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
	aterial: Aluminum Die Cast
	Aeasurements: ⊠ 140mm / 5 1/2"
Upon Rec	quest: Unique Ceiling Thickness
ELECTRI	CAL
Lamp Typ	pe: LED (Zhaga Standard)
Input Wa	ttage (W): 13.2 (2700K) / 16.5
Total Out	put Wattage (W): 12.1 (2700K) / 14.7
0	: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) / Dimming)
Driver Inc	:luded: No
Driver Lo	cation: Recessed Housing
Driver Ty	pe: Constant Current - Universal
Driver Cla	ass: Class 2
Housing:	See components
	tage (V): 120 - 277
Constant	Current (MA): 350
LED	
Number of	of LEDs: 1

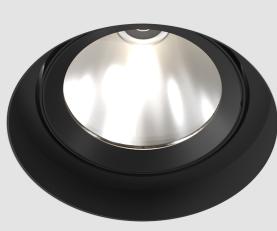
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 830 / 930 / 1009 / 1030
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable White Special LED
OPTICAL
Reflector°: 8
Adjustability: Rotational 355°; Tilt 30°
Upon Request: Special Beam Angles

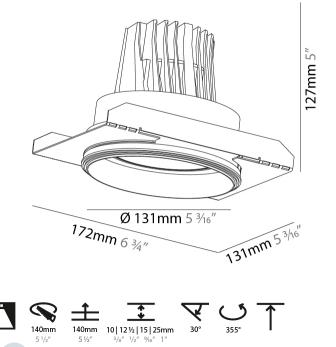
Jpon Request: Special Beam Angles		
RATINGS AND CERTIFICATIONS		
Certified By: Certified for North American Standards		

Certified By: Certified for North American Standards Zamein Group in: C=0204, T1800-588-382; F416-247-9319, www.zaneen.com IP rating: IP44 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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PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

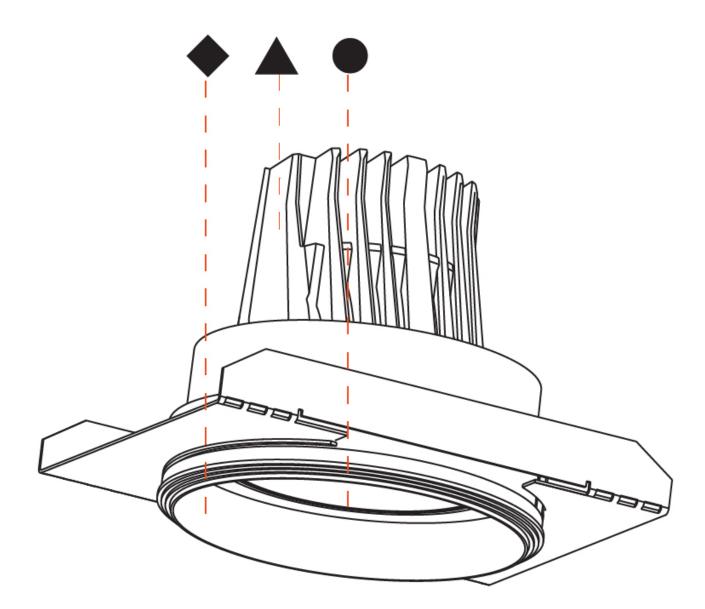




MECHANIQ ROUND COMFORT TRIMLESS

A35001-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

Finishes

Finishes

Ceiling Thickness

Finishes

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

	Dimining	remperature	(Diamonu)	(Thangle)	(Circle)
1.To build a p	product code i	in our configui	rator select i	the specify bu	itton on

Color

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

A35013base number LED

JENEI01E	
Series: Mechaniq Square Comfort	
Subseries: Mechaniq Square Comfort Single	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Diameter (mm): 99	
Diameter (in): 3 ⁷ / ₈	
Length (mm): 130	
Length (in): $5\frac{3}{16}$	
Width (mm): 130	
Width (ini): $5\frac{3}{6}$	
Height (mm): 129	
Height (in): 129	
Ceiling Thickness (mm): 10 / 12 / 15 / 25	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1	
Min. Recessing Depth (mm): 140	
Min. Recessing Depth (in): 5 ½	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.895	
Weight (lbs): 1.97	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RU	
MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum Die Cast	
Cut-out Measurements: 135mm / 5 5/16" x 135mm / 5 5/16"	
Upon Request: Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 13.2 (2700K) / 16.5	
Total Output Wattage (W): 12.1 (2700K) / 14.7	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)	
Driver Included: No	
Driver Location: Recessed Housing	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Housing: See components	
Input Voltage (V): 120 - 277	
Constant Current (MA): 350	
LED	
Number of LEDs: 1	

Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 830 / 930 / 1009 / 1030	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
Upon Request: Special Color Temperature RGB-W Tunable White Special LED	
OPTICAL	

Reflector°: 8

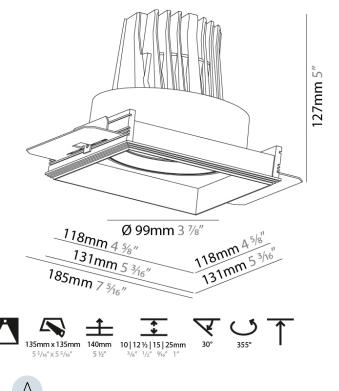
Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

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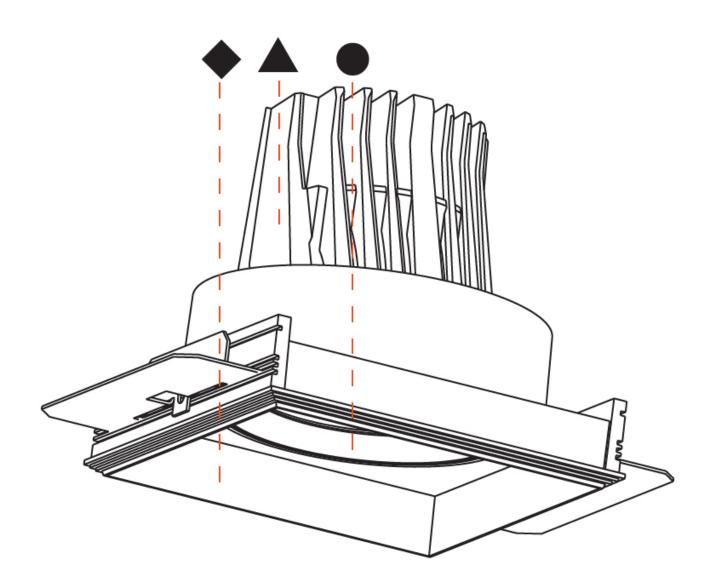


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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

TYPE		
SPECIFIER		
QUANTITY		
DATE		

A35013-



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MECH	S DINA	QUAR		FURI	SINGLE		LEJJ					
	_								DATE			
A35016	<u>-</u>	-	-	-	-	-	-					
base number	LED	Color	Finishes	Finishes	Finishes	Ceiling	Reflector					
	Dimming	Temperature	e (Diamond)	(Triangle)	(Circle)	Thickness	Options					
		de in our confi	gurator sele	ect the specif	y button on							
	odel # produ		this datash	oot chooso fr	iom tho							
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 #												
				x to the buse	model							
GENERAL												
	haniq Squar											
-		uare Comfor	Single									
Brand: Prol	icht											
Division: Architectural												
Mounting T	ype: Trimles	ss										
Mounting L	ocation: Cei	ling										
Subcategor	y: Downligh	t								- Alexandre		
PHYSICAL								Net State				
Shape: Squ	are										/	
Length (mn												
Length (in):												
Width (mm)												
Width (in): 5	10											
Height (mm												
Height (in):	5											
Ceiling Thic	kness (mm)	:10/12/15/	25									
Ceiling Thic	kness (in): 3	8/8 or 1/2 or 9/	'16 or 1									
Min. Recess	ing Depth (r	nm): 140										
Min. Recess	ing Depth (i	n): 5 ½										
Light Distrib	oution: Adju	stable / Dowr	light									
Weight (kg)	: .895											
Weight (lbs)): 1.97											
Fixture Fini:	sh: SSR / BK	V / CWI / CRY /	HAB / LAG	/ UFT / ITA /	RUA / RUR /							
		LOD / PUS / F										
MEY / GOH ,	/ GUM / CHC	/ COM / ABZ /	JAG / OBR	/ MOS / ROR								
		num Die Cast							_			
Cut-out Mea	asurements	: 135mm / 5 5,	/16" x 135m	m / 5 5/16"				ſ	MAR	The		
Upon Requ	est: Unique	Ceiling Thickr	ness					//		1 1 11 11 11		
ELECTRICA	L											
Lamp Type:		Standard)							1 TO 10 101F			
Input Watta									- 1 Y/ 1 W 1 W 1			2
Total Outpu	0							11		N NEWINE		3
· · · · ·		n-Dimming a	nd Phase Di	mming (120)	Vac only)							127mm
and 0-10V D		an-Dimining a	IUT Hase DI	1111111g (120	vac onty)				51		\ \	57
Driver Inclu	0.											1
Driver Loca		ed Housing										
		Current - Unive	ersal					S.				
Driver Class											5	
Housing: Se		nts						<				<u>_</u>
Input Volta										\checkmark	//	
	urrent (MA):											
	unene (m/y).	100										
LED								110 \$	ð 99mm 3	7/8″		
Number of							_	- omm	1.11		5/8	
Color Temp	erature (°K)	: 2700 / 3000 /	3500 / 4000	0				- Jimp	8	⁷ / ₈ " <u>118mm</u> <u>131mm</u>	5 3/16	
Max. Delive	red Lumen (lm): 2210 / 22	70/2391/2	2440			10	orm5	3/16"	1.21mm	5	
CRI: >90 CR	l						18	35mm 7 5/16"		1311		
Lamp Life (l								<i>~~16"</i>				
Upon Requ	est: Special	Color Temper	ature RGB-\	W Tunable W	/hite							
Special LED								↑	*	$\nabla \mathbf{r}$	5 🔺	
OPTICAL									+	4 6	ノT	
Reflector°: :	18/26/40								0 12½ 15 25mm	30° 355	5° I	
		al 355°; Tilt 30'	b				5 ⁵ /16″ x 5	5 5/16" 5 1/2"	³ /8″ ¹ /2″ %16″ 1″			
	-	Beam Angles					A					
opon Requi	est. special	Dealli Aligles										

RATINGS AND CERTIFICATIONS

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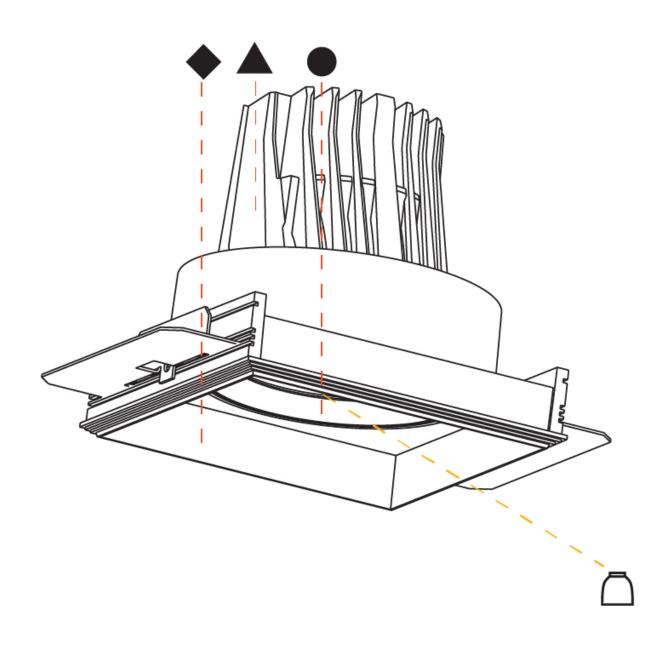


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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

A35016-



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MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

MECHANIQ SQUARE COMPO		E I RIMLESS
		DATE
A35025		-
base number LED Color Finishes Finis		Ceiling
Dimming Temperature (Diamond) (Tria	ngle) (Circle)	Thickness
1.To build a product code in our configurator select the s	ecify button on	
the base model # product page	· · · f · · · · · · · · ·	
2. To build a manual product code on this datasheet choo options listed below in blue font and add the suffix to the		
,	Duse model #	
GENERAL		
Series: Mechaniq Square Comfort		
Subseries: Mechaniq Square Comfort Double		
Brand: Prolicht		
Division: Architectural		
Mounting Type: Trimless		
Mounting Location: Ceiling		
Subcategory: Downlight		
PHYSICAL		
Shape: Rectangle		
Length (mm): 235		
Length (in): $9\frac{1}{4}$		
Width (mm): 131		
Width (in): $5\frac{1}{16}$		
Height (mm): 127		
Height (in): 5		
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): 140		
Min. Recessing Depth (in): 5 ½		
Light Distribution: Adjustable / Downlight		
Weight (kg): 1.637		
Weight (lbs): 3.60		
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT /	TA / RUA / RUR /	
MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / PC		
MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS /		
Fixture Material: Aluminum Die Cast		
Cut-out Measurements: 252mm / 9 15/16" x 135mm / 5		
Upon Request: Unique Ceiling Thickness	<u>/</u>	
ELECTRICAL		att Marine
Lamp Type: LED (Zhaga Standard)		
Input Wattage (W): 26.4 / 33		TTATA
Total Output Wattage (W): 24.2 / 29.5		
Dimming: Tri-Mode (Non-Dimming and Phase Dimming	(120Vac only)	
and 0-10V Dimming)		
Driver Included: No		
Driver Location: Recessed Housing		
Driver Type: Constant Current - Universal		127mm 5 ^r
Driver Class: Class 2		
Housing: See components		
Input Voltage (V): 120 - 277		
Constant Current (MA): 350		
Constant Current (MA): 350		$\sqrt{35}$ mm o z $\sqrt{0.00}$ mm o z $\sqrt{10}$
LED		$\frac{235 \text{mm 9 } 1/4 \text{m}}{249} \overline{\emptyset} \text{ 99 mm 3 } \frac{7}{78} \text{m} 4^{5/8}$
Number of LEDs: 2		118mm 93/11 18min
Color Temperature (°K): 2700 / 3000 / 3500 / 4000		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050		~~///m 11 7//// 131m///
CRI: >90 CRI		
Lamp Life (hrs): 50000		
Upon Request: Special Color Temperature RGB-W Tuna		
Special LED		
OPTICAL		252mm x 135mm 140mm 10 12 ½ 15 25mm 30° 355°
Reflector°: 8		9 ¹⁵ /16" x 5 ⁵ /16" 5 ¹ /2" 3/8" 1/2" 9/6" 1"
Adjustability: Rotational 355°; Tilt 30°		Δ
Upon Request: Special Beam Angles		A
RATINGS AND CERTIFICATIONS		Page 7

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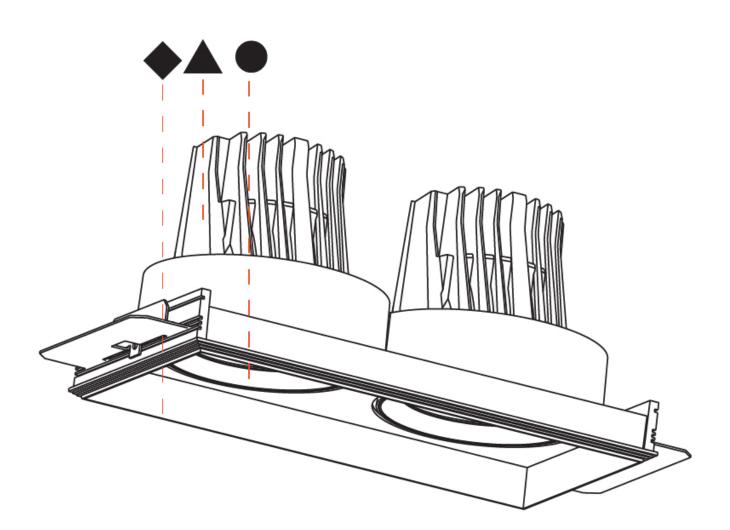
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QUANTITY			
DATE	•		

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

A35025-



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MECHANIQ SQUARE COMFORT

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)	Lagoon - 06 (LAG)
Urban Forest - 07 (UFT)	In the Army - 08 (ITA)	Rusty Angel - 09 (RUA)	Rusty Rush - 10 (RUR)	Milk and Chocolate - 11 (MIC)	Fade to Gray - 12 (FTG)
Mysterious Gray - 13 (MYG)	Twilight - 14 (TWT)	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 betwee Physical: When texture is involved, there will be variations in color, character and tone within a pro

and between product families.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles and supersonal individual effect and no luminaire being identical.

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LEGEND

MECHANIQ SQUARE COMFORT

PROJECT

TYPE SPECIFIER

QUANTITY

DATE

↓	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
Î	ceiling-mounted and wall-mounted	Æ	illuminate tilted	Ø	rechargeable battery powered
\rightarrow	wall-mounted	T	color of suspension cable		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	ĸ	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	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ä	aura light distribution	0	shine ring	318	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
۲	the supplied jig specifies the cutout dimensions	ů).	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	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
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)	(ه)	100
	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
У	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
シ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
\bigcirc	remote control	\odot	ball-proof (upon request)	S	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
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

КО1	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)
IK04	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)
КОб	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)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	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)

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