EYES RECESSED

E1010006-

base number

Color Temperature

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: Eyes
Subseries: Eyes
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Uplight
PHYSICAL
Shape: Round
Diameter (mm): 36
Diameter (in): $1\frac{7}{16}$
Height (mm): 61
Height (in): 2 ¾
Min. Recessing Depth (mm): 66
Min. Recessing Depth (in): 2 ½
Light Distribution: Uplight
Weight (kg): 0.08
Weight (lbs): 0.18
Diffuser: Methacrylate clear diffuser
Gasket: Silicon rubber
Fixture Finish: SSS
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 3.5
Total Output Wattage (W): 3.15
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

LED

Color Temperature (°K): 3000 / 4000	
Max Dolivorod Lumon (Im): 250 / 200	

CRI: >80 CRI	
Lamp Life (hrs): 50000	

OPTICAL

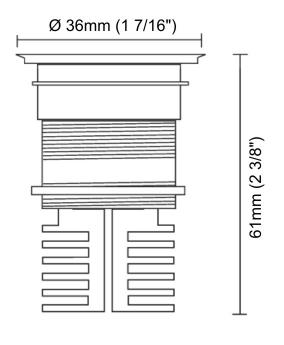
Optic°: 45°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP68 IK Rating: IK07

PROJECT TYPE SPECIFIER QUANTITY DATE





) 0.08 kg / 0.18 lbs

F

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EYES COVER RECESSED

E10I0041-

base number

Color Temperature

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: Eyes	
Subseries: Ey	res Cover
Brand: Side	
Division: Exte	erior
Mounting Typ	pe: Recessed
Mounting Loc	cation: In-Ground
Subcategory:	: Walk Over
PHYSICAL	
Shape: Dome	
Diameter (mr	m): 40
Diameter (in)	:1%
Height (mm):	37
Height (in): 1	_
Light Distribu	
Weight (kg): 0	
Weight (lbs):	
Diffuser: Poly	vcarbonate clear diffuser
Gasket: Silico	
Fixture Finish	n: PSS
Fixture Mater	ial: Stainless Steel
ELECTRICAL	
Lamp Type: L	.ED (Zhaga Standard)
Input Wattag	e (W): 3
Total Output	Wattage (W): 2
Dimming: Tri- and 0-10V Dir	-Mode (Non-Dimming and Phase Dimming (120Vac only) nming)
Driver Include	ed: No
Driver Locatio	on: Remote
Driver Type: 0	Constant Current - 120 / 277Vac
Input Voltage	e (V): 120 - 277
Constant Cur	rent (MA): 500
	st: (Not included - see components [IP65 or higher
	be supplied by others]) 0-10Vdc dimming / Phase dimming
@120Vac only	y / Non-dimming 120Vac / Non-dimming 277Vac
LED	
	rature (°K): 3000 / 4000
Max. Delivere	ed Lumen (lm): 145 / 155 / 165

PROJECT	
TYPE	

ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



Beam Angle: 45	
Optic°: 1 Opening	
OPTICAL	
Lamp Life (hrs): 50000	
CRI: >80 CRI	
Max. Delivered Lumen (lm): 145 / 155 / 165	
Color Temperature (°K): 3000 / 4000	

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP68	
IK Rating: IK09	

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EYES COVER RECESSED

E10I0044-

base number

Color Temperature

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: Eyes
Subseries: Eyes Cover
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Walk Over
PHYSICAL
Shape: Dome
Diameter (mm): 40
Diameter (in): $1^{\%}_{16}$
Height (mm): 37
Height (in): $1\frac{7}{16}$
Light Distribution: Direct
Weight (kg): 0.2
Weight (lbs): 0.44
Diffuser: Polycarbonate clear diffuser
Gasket: Silicon rubber
Fixture Finish: PSS
Fixture Material: Stainless Steel
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 3
Total Output Wattage (W): 2
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Input Voltage (V): 120 - 277
Constant Current (MA): 500
Upon Request: (Not included - see components [IP65 or higher
enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming
@120Vac only / Non-dimming 120Vac / Non-dimming 277Vac
LED
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 145 / 155 / 165

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



Max. Delivered Lumen (lm): 145 / 155 / 165
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Optic°: 2 Openings
Beam Angle: 2 x 45
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards

Ce	rtified By: Certified for North American Standards
IP	rating: IP68
IK	Rating: IK09

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Е

EYES FLAT RECESSED

Color

E10R0013-

base number

Temperature

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: Eyes
Subseries: Eyes Flat
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: Wall / Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 36
Diameter (in): $1^{\gamma}_{1_6}$
Depth (mm): 61
Depth (in): 2 ³ / ₈
Min. Recessing Depth (mm): 66
Min. Recessing Depth (in): 2 ½
Light Distribution: Direct
Weight (kg): 0.06
Weight (lbs): 0.13
Diffuser: Transparent methacrylate
Gasket: Silicone rubber
Fixture Finish: Chrome
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 28mm / 1 3/32

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 3.5
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming @120Vac only / 277Vac

LED

Color Temperature (°K): 3000 / 4000	
Max Delivered Lumen (lm): 285 / 300	

Max. Delivered Lumen (lm): 285 / 300	
Nominal Lumen (lm): 350 / 380	
CRI: >80 CRI	

Lamp Life (hrs): 50000

OPTICAL

Optic°: 45

Beam Angle: Symmetrical

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
ID rating: IDC9	

IP rating: IP68

PROJECT

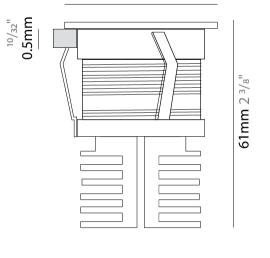
TYPE

DATE

SPECIFIER			
QUANTITY			
DATE			



Ø36mm 1 7/16"





F

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EYES FLAT RECESSED

Color

E10R0015-

base number

Temperature

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: Eyes
Subseries: Eyes Flat
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: Wall / Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Length (mm): 36
Length (in): $1\frac{7}{16}$
Width (mm): 36
Width (in): 1 ⁷ / ₁₆
Height (mm): 61
Height (in): 2 ³ / ₈
Min. Recessing Depth (mm): 66
Min. Recessing Depth (in): 2 ½
Light Distribution: Direct
Weight (kg): 0.08
Weight (lbs): 0.18
Diffuser: Transparent methacrylate
Gasket: Silicon rubber
Fixture Finish: Chrome
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 4.5
Total Output Wattage (W): 3
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Constant Voltage (V): 8.75
Upon Request: Requires a minimum of 2 fixtures for 0-10V dimming options

LED

Col	or Tei	nperature	e (°K):	30) 00	4000
				,		- /

DATINGS AND CERTIFICATIONS
Optic°: 45
OPTICAL
Lamp Life (hrs): 50000
CRI: >80 CRI
Nominal Lumen (lm): 350 / 380
Max. Delivered Lumen (lm): 285 / 300

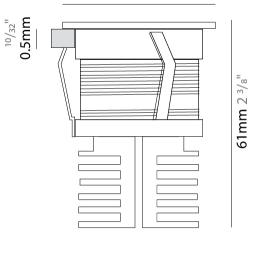
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP68

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



Ø36mm 1 7/16"





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F

Page 5/11

EYES ROUND RECESSED

E10R0107-

base number

Color Temperature

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: Eyes	
Subseries: Eyes Round	
Brand: Side	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 20	
Diameter (in): 13/16	
Depth (mm): 28	
Depth (in): $1\frac{1}{8}$	
Min. Recessing Depth (mm): 33	
Min. Recessing Depth (in): 1 ٪ الم	
Light Distribution: Direct	
Weight (kg): 0.02	
Weight (lbs): 0.044	
Gasket: Silicon rubber	
Fixture Finish: Chrome	
Fixture Material: Aluminum Die Cast	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 1.2	
Total Output Wattage (W): 1	
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V	

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10	/
Dimming	
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Current - 120 / 277Vac	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 350	

LED

Number	of LEDs: 1	

OPTICAL
Lamp Life (hrs): 50000
CRI: >80 CRI
Nominal Lumen (lm): 120 / 125
Max. Delivered Lumen (lm): 58.4 / 64.9
Color Temperature (°K): 3000 / 4000

Optic°: 100°

RATINGS AND CERTIFICATIONS

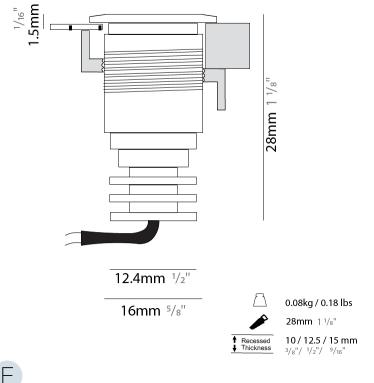
Certified By: Certified for North American Standards IP rating: IP68

PROJECT

TROSECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



Ø20mm¹³/16"



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EYES SQUARE RECESSED

E10R0113-

base number

Temperature

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

Subseries: Eyes Square Brand: Side Division: Exterior Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight PHYSICAL Shape: Square Length (mm): 20 Length (in): 13/16 Width (mm): 20
Division: Exterior Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight PHYSICAL Shape: Square Length (mm): 20 Length (in): 13/16 Width (mm): 20
Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight PHYSICAL Shape: Square Length (mm): 20 Length (in): 13/16 Width (mm): 20
Mounting Location: Ceiling Subcategory: Downlight PHYSICAL Shape: Square Length (mm): 20 Length (in): 13/16 Width (mm): 20
Subcategory: Downlight PHYSICAL Shape: Square Length (mm): 20 Length (in): 13/16 Width (mm): 20
PHYSICAL Shape: Square Length (mm): 20 Length (in): 13/16 Width (mm): 20
Shape: Square Length (mm): 20 Length (in): 13/16 Width (mm): 20
Length (mm): 20 Length (in): 13/16 Width (mm): 20
Length (in): 13/16 Width (mm): 20
Width (mm): 20
the second se
Width (in): 13/16
Depth (mm): 28
Depth (in): 1 ¹ / ₈
Min. Recessing Depth (mm): 33
Min. Recessing Depth (in): $1\frac{5}{16}$
Light Distribution: Direct
Weight (kg): 0.02
Weight (lbs): 0.044
Gasket: Silicon rubber
Fixture Finish: Chrome
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 1.2
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

LED

Number of LEDs: 1	
Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 58.4 / 64.9	
Nominal Lumen (lm): 120 / 125	
CRI: >80 CRI	
Lamp Life (hrs): 50000	

OPTICAL

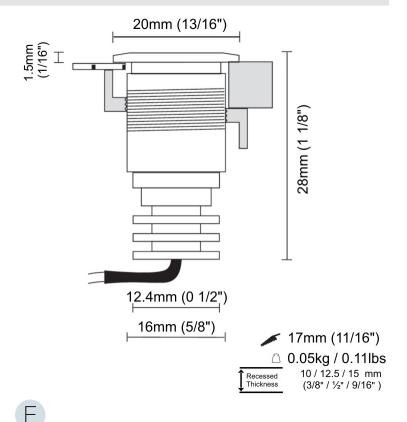
Optic°: 100°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP68

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





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EYES ROUND RECESSED

E10R0120-

base number

Temperature

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: Eyes
Subseries: Eyes Round
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 20
Diameter (in): 13/16
Height (mm): 28
Height (in): $1\frac{1}{8}$
Min. Recessing Depth (mm): 33
Min. Recessing Depth (in): $1\frac{5}{16}$
Light Distribution: Direct
Weight (kg): 0.02
Weight (lbs): 0.044
Gasket: Silicon rubber
Fixture Finish: Chrome
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 1.2
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / 277Vac

LED

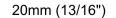
Number of LEDs: 1
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 58.4 / 64.9
Nominal Lumen (lm): 120 / 125
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Optic°: 100°

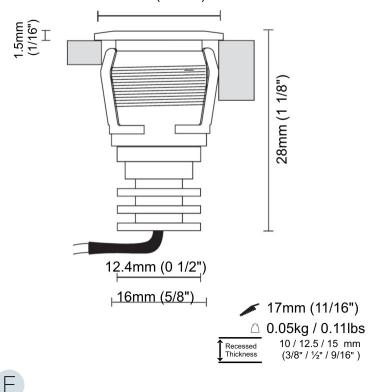
RATINGS AND CERTIFICATIONS

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PROJECT			
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DATE			







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EYES SQUARE RECESSED

E10R0126-

base number

Color Temperature

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: Eyes
Subseries: Eyes Square
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Length (mm): 20
Length (in): 13/16
Width (mm): 20
Width (in): 13/16
Depth (mm): 28
Depth (in): 1 1/8
Min. Recessing Depth (mm): 33
Min. Recessing Depth (in): $1\frac{5}{16}$
Light Distribution: Direct
Weight (kg): 0.05
Weight (lbs): 0.11
Gasket: Silicon rubber
Fixture Finish: Chrome
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 1.2
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / 277Vac
IED

LED

ODTICAL	
Lamp Life (hrs): 50000	
CRI: >80 CRI	
Nominal Lumen (lm): 120 / 125	
Max. Delivered Lumen (lm): 58.4 / 64.9	
Color Temperature (°K): 3000 / 4000	
Number of LEDs: 1	

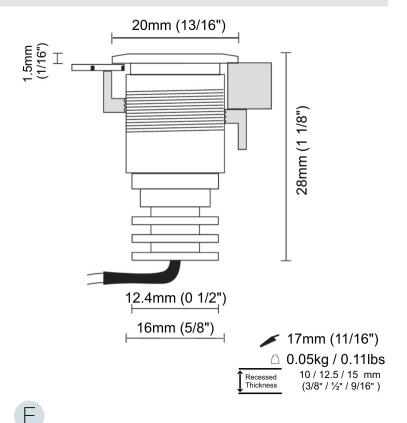
OPTICAL Optic°: 100°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP68

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





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EYES COLOR FINISH CHART

PROJECT

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE

Fixture Finish

Satined Stainless Steel - SSS



Polished Stainless Steel - PSS



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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EYES

PROJECT

PROJEC

TYPE SPECIFIER

QUANTITY

DATE

LEGEND

_					
↓	floor-mounted	ষ	pivotable	\circledast	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
$\overline{}$	wall and ceiling: recessed and surface mounted	C	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 1100	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
	direct light distribution	\Box	reflector degree selection	°K	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	*	lens		efficacy (lumens per watt)
	asymmetric light distribution	8	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	Ó	free individual colors 01-29		drive on
d	the supplied jig specifies the cutout dimensions	Ĩ	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	Dark Sky Compliance
(++)	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)	(ه)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
6	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
シリ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	S .	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	2	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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)