

NANO ROUND RECESSED

E9Q050-

base number

Color Lens Temperature Options

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: Nano
Subseries: Nano Round
Brand: Platek
Division: Exterior
Mounting Type: Recessed
Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Round

Diameter (mm): 45

Diameter (in): 1 ³/₄

Height (mm): 65

Height (in): 2 ³/₁₅

Ceiling Thickness (mm): 10 - 20

Ceiling Thickness (in): 3/8 - 13/16

Light Distribution: Downlight

Diffuser: Clear tempered glass

Fixture Finish: SST

Fixture Material: Stainless Steel AISI 316L

Cut-out Measurements: 37mm / 1 7/16" diameter

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 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): 700

LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 155 - 175 / 160 - 180

Nominal Lumen (lm): 250 / 260 CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: 14 / 26 / 33

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

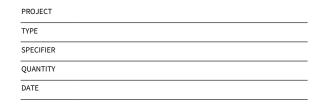
IP rating: IP68

IK Rating: IK07

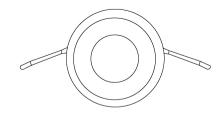
Bug Rating: B0 U0 G0

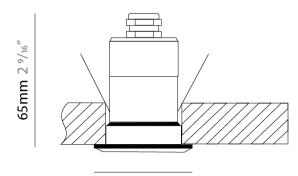
Marine Grade: Stainless Steel AISI 316L

Upon Request: Higher Maximum Ambient Temperature









Ø45mm 1 3/4"

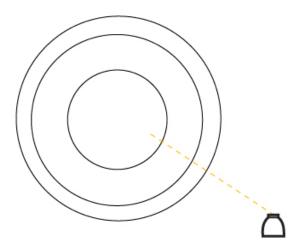




NANO ROUND RECESSED

E9Q050-

PROJECT
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SPECIFIER
QUANTITY
DATE







NANO SQUARE RECESSED

E9Q116-

base number

Temperature Options

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: Nano Subseries: Nano Square Brand: Platek Division: Exterior Mounting Type: Recessed Mounting Location: Ceiling

Subcategory: Downlight PHYSICAL Shape: Square Length (mm): 45 Length (in): 1 1/4 Width (mm): 45 Width (in): 1 3/4 Height (mm): 65 Height (in): 2 1/16 Ceiling Thickness (mm): 10 - 20 Ceiling Thickness (in): 3/8 - 13/16 Light Distribution: Downlight Diffuser: Clear tempered glass Fixture Finish: SST Fixture Material: Stainless Steel AISI 316L Cut-out Measurements: 37mm / 17/16" diameter

ELECTRICAL

Lamp Type: LED Input Wattage (W): 2 Total Output Wattage (W): 1.2 / 2 Driver Included: No Driver Location: Remote Driver Type: Constant Current - 120 / 277Vac Input Voltage (V): 120 - 277 Constant Current (MA): 350 / 700

Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming / Non-dimming 120/277Vac

LED

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 155 - 175 / 160 - 180 Nominal Lumen (lm): 250 / 260 CRI: >80 CRI Lamp Life (hrs): 60000

OPTICAL

Optic°: 14 / 26 / 33

RATINGS AND CERTIFICATIONS

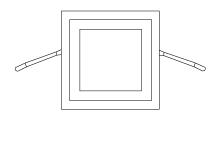
Certified By: Certified for North American Standards IP rating: IP68 IK Rating: IK07 Bug Rating: B0 U0 G0

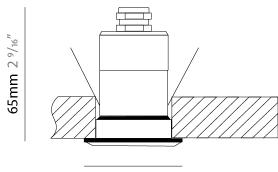
Marine Grade: Stainless Steel AISI 316L

Upon Request: Higher Maximum Ambient Temperature

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







Ø45mm 1 3/4"

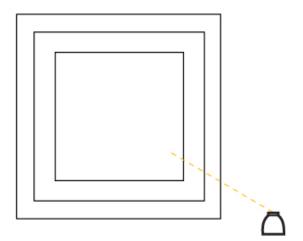




NANO SQUARE RECESSED

E9Q116-

PROJECT
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NANO

PROJECT		
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QUANTITY		
DATE		

Fixture Finish

Stainless Steel Inox - SST



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.





NANO

PROJECT
TYPE
SPECIFIER
QUANTITY
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LEGEND

<u></u>	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
$\overline{\uparrow}$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	I	color of suspension cable	THESE	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	(°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
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
Z)	square wall or ceiling cut-out	Ġ	free individual colors 01-29	②	drive on
4	the supplied jig specifies the cutout dimensions	ė	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
(**)	minimum distance (meters) lamp - object	•	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	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
1	ceiling thickness selection		luminaire part to be colored (F4)	4 ⊚	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
C.	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	\odot	indirect diffuser	. .	ETL Certified to UL and CSA Standards
• <i>y</i>	sensor	0	direct diffuser	c (Մ) սո	UL Certified to UL and CSA Standards
	remote control	®	ball-proof (upon request)	®	CSA Certified to UL and CSA Standards
J	available upon request	0	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

100000	288 (400 C) - 26 5 (100 C) - 26 5 (
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	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)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)