

AMAK SURFACE

D13092

GENERAL

Series: Amak
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wallwash

PHYSICAL

Shape: Cone
Diameter (mm): 150
Diameter (in): $5\frac{7}{6}$ Height (mm): 140
Height (in): $5\frac{1}{2}$ Extension (mm): 180
Extension (in): $7\frac{1}{16}$ Light Distribution: Downlight
Weight (kg): 0.65Weight (lbs): 1.43Fixture Finish: WHI

ELECTRICAL

Fixture Material: Aluminum

Input Wattage Range: 1 - 9 W
Number of Lamps: 1
Lamp Type: LED
Total Output Wattage (W): 8.4

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - 120Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350

Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / 277Vac

LED

Delivered Lumen Range: 100 - 499 lm

Number of LEDs: 1

Color Temperature (°K): 3000

Max. Delivered Lumen (lm): 362

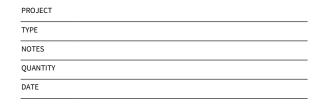
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20







In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

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AMAK SURFACE

COLOR FINISH CHART

PROJECT			
TYPE			
NOTES			
QUANTITY			
DATE			



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

<u></u>	floor-mounted \forall		pivotable		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+	
7	wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED	
\uparrow	ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered	
\rightarrow	wall-mounted	T	color of suspension cable	<u></u>	fixture with natural vivid LED (upon request)	
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index	
	direct light distribution		reflector degree selection	(K)	color temperature	
X	direct/indirect light distribution	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	30	walk on	
\Box	square wall or ceiling cut-out		free individual colors 01-29	9	drive on	
4	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance	
d *.*	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	
<u></u>	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)	♦ ®	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	
४	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards	
9	sensor	0	direct diffuser	c∰.	UL Certified to UL and CSA Standards	
	remote control	\oplus	ball-proof (upon request)	(1)	CSA Certified to UL and CSA Standards	
9	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

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) $$
protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
protected against 20 joules impact (equivalent to $5.0 kg$ mass dropped from $400 mm$ above the surface)