ZANEEN_®

BOB RECESSED

A720003-

Finish base number Color Temperature Options

1. To build a product code in our configurator select the specify button on the base model # product page

Lens

Options

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: Bob	
Brand: Letroh	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Semi-Flush	
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 60	
Diameter (in): 2 ³ / ₈	
Length (mm): 109	
Length (in): 4 ⁵ / ₁₆	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.60	
Weight (lbs): 1.32	
Fixture Finish: WHI / BLK	
Fixture Material: Aluminum	
Cut-out Measurements: 35mm/1 3/8"	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 20	
Total Output Wattage (W): 17	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Va and 0-10V Dimming)	ac only)
Driver Included: Yes	
Driver Location: Remote	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500	

Constant Voltage (V): 33.9 LED

Color Temperature (°K): 2700 / 3000	
Max. Delivered Lumen (lm): 1100 / 1500	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

Optic°: 30 / 40 / 60 / OV / RT / WW

Adjustability: Rotational 360°; Tilt 90°

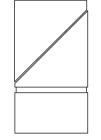
RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



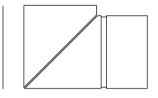




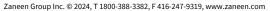
60mm 2 3/8"



109mm 4 5/16"



101mm 4"



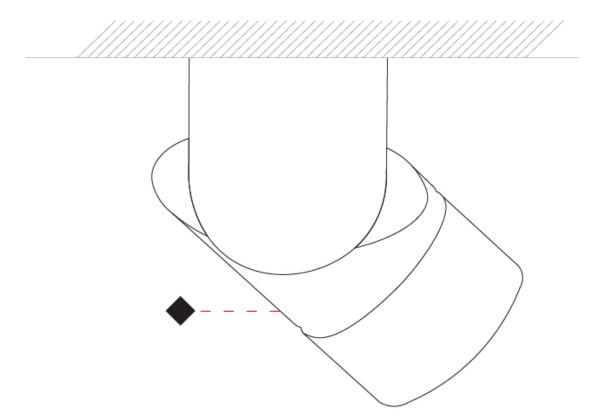
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

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



BOB RECESSED

A7200003-



Disclaimer

white lamp head with white base and side, black lamp head with black base and side, black lamp head with silver base and black side

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ZANEEN_®

BOB RECESSED

A7200006-

base number Color Temperature Options

Finish Lens 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: Bob
Brand: Letroh
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Semi-Flush
PHYSICAL
Shape: Cylinder
Diameter (mm): 60
Diameter (in): $2\frac{3}{8}$
Length (mm): 109
Length (in): $4\frac{5}{16}$
Light Distribution: Adjustable / Downlight
Weight (kg): 0.60
Weight (lbs): 1.32
Fixture Finish: WHI / BLK
Fixture Material: Aluminum
Cut-out Measurements: 35mm/1 3/8"
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 13.5
Total Output Wattage (W): 12.1
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
LED
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 1100 / 1500
CRI: >90 CRI

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Optic°: 30 / 40 / 60 / OV / RT / WW

Adjustability: Rotational 360°; Tilt 90°

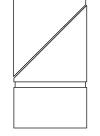
RATINGS AND CERTIFICATIONS

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

ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

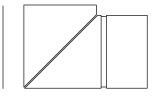






60mm 2 3/8"





101mm 4"

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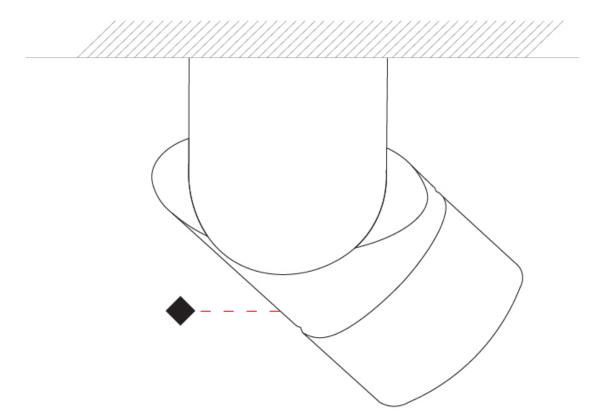
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com



BOB RECESSED

A7200006-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



Disclaimer

white lamp head with white base and side, black lamp head with black base and side, black lamp head with silver base and black side

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BOB

PROJECT
TYPE
SPECIFIER
QUANTITY
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Fixture Finish





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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ZANEEN.

BOB

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	C	rotating	0	warm dim / natural dimming LED
\uparrow	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
\rightarrow	wall-mounted	Р	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	Δ	reflector degree selection	€К	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\overline{\mathbf{x}}}$	indirect light distribution	*	lens	₩.	efficacy (lumens per watt)
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	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
4	square wall or ceiling cut-out	Ū.	free individual colors 01-29	۲	drive on
d	the supplied jig specifies the cutout dimensions	Ū.	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
r	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
シ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards
Ĩ	remote control	\odot	ball-proof (upon request)	S .	CSA Certified to UL and CSA Standards
2	available upon request	0	accessory	(\mathbb{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
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)