

BETA 6

6" Cylinder RGBW



PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

40° - 80° BEAM		
(Note: Specifications are subject to change without notice)		
22mm COLOR TUNING MODULE PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1090 LM @30K/90CRI	25W
Notes	Delivered lumens based HE60 with NL, (see page 2)	

CASAMBI

FEATURES

- RGB (W) five white CCT options available
- Seamless extrusion with powder coated finish for clean aesthetics
- Thermally optimized for longevity
- 40° - 80° beam spread
- Micro slim canopy option at 1/4" depth, diameter of stem 3/8" IP
- Multiple mounting, glare control options, trims and finishes available

DIMMING AND CONTROLS

- DMX control, dimmable to 1% + RDM
- BLE mesh network control, profile allows color mixing on Casambi app

CONSTRUCTION

- Extruded aluminum housing
- Lexan™ (PC) Optimal connectivity for wireless control signal
- Machined aluminum canopy
- SVT pendant cord

LED

- Lumiled LUXEON C Color Line · SDCM = 2-step MacAdam Ellipse, Duv +/- 0.002, Lumen Maintenance: L₇₀ > 50,000 hrs

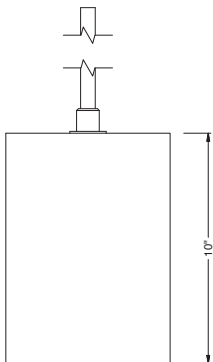
LISTING

- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- Suitable for dry and damp locations
- Made in the USA - meets the requirements of the Buy American provision within the ARRA
- 5 Year Limited warranty

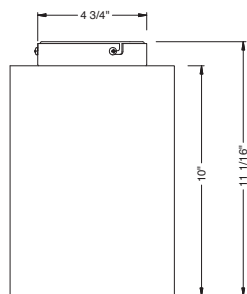
ELECTRICAL

- 120V-277V
- Power factory ≥ 0.9
- Max ambient temperature 50C
- Battery Backup not offered. Emergency Generator/Inverter/Controls-Override Device supplied by others

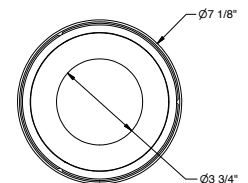
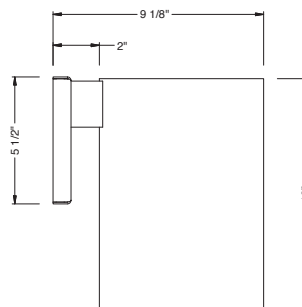
PENDANT



SURFACE MOUNT



WALL MOUNT



ALPHABET

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SERIES	BETA	BETA
TYPE	6R	6" round
LED	RGBW	4 channel color module
DELIVERED LUMENS	10LM	1090 lm
	Standard Configuration: 3000K 90CRI HE60 NL Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier]	
CCT	27K	RGBW with white at 2700K
	30K	RGBW with white at 3000K
	35K	RGBW with white at 3500K
	43K	RGBW with white at 4300K
	65K	RGBW with white at 6500K
CRI	90	90 CRI
OPTIC & LM MULTIPLIER	HE40	40° high efficiency diffused lens
	HE60	60° high efficiency diffused lens
	HE80	80° high efficiency diffused lens
	SS40	40° semi-specular with clear lens
	SS50	50° semi-specular
	SS60	60° semi-specular with clear lens
	D40	40° diffused with clear lens
	D60	60° diffused with clear lens
	WH70	70° brilliant white with clear lens
FINISH	BK	black
	WH	white
	MC	matte chrome
BEZEL COLOR	BK	black (0.98)
	WH	white (1.00)
	MC	matte chrome (0.99)
	BZ	bronze (0.98)
	WT	wheat (0.99)

ORDERING CODE		
MOUNTING OPTIONS SEE PAGE 5	W	wall mount
	S	surface mount
	JCOV-S	conduit junction box cover with knockouts, surface
	AC6¹	aircraft cable canopy with power cord, 6ft
	AC8¹	aircraft cable canopy with power cord, 8ft
	AC10¹	aircraft cable canopy with power cord, 10ft
	AC12¹	aircraft cable canopy with power cord, 12ft
	RP	rigid pendant 4' stem with swivel stem/canopy
	RP5	rigid pendant 5' stem with swivel stem/canopy
	RP6	rigid pendant 6' stem with swivel stem/canopy
	RP8	rigid pendant 8' stem with swivel stem/canopy
	RP10	rigid pendant 10' stem with swivel stem/canopy
	RPF2	rigid pendant 2' with fixed stem/canopy
	RPF3	rigid pendant 3' with fixed stem/canopy
RPF4	rigid pendant 4' with fixed stem/canopy	
RPF6	rigid pendant 6' with fixed stem/canopy	
JCOV-XX²	conduit junction box cover with knockouts, complete XX code with desired pendant mount	
VOLTAGE	UNV	120V-277V
DIMMING	DMX	DMX control, dimmable to 1% + RDM
	CAS	Casambi Bluetooth control with flicker free 1% dimming

YOUR COMPLETED ORDERING CODE	
Follow the steps to specify your fixture, example:	
BETA - 6R - RGBW - 10LM - 30K - 90 - HE60 - WH - WH - RPF - UNV - DMX	

NOTES

1. AC mounting only available with casambi control.
2. JCOV available with RPF mounting.

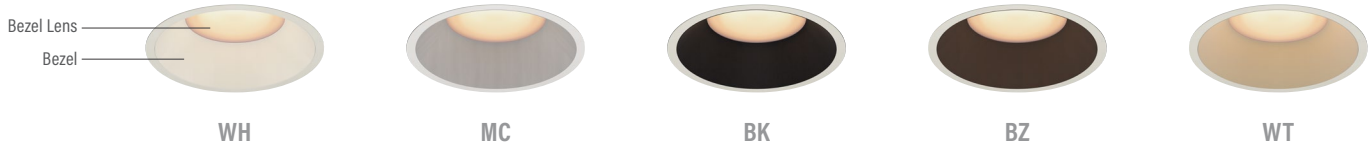
*Slim canopy with rigid stem connection shall be used in jurisdictions that DO NOT require light fixtures to freely swing in lateral directions, complying with local and national building codes.

*RP mounting with swivel is recommended to be installed on a 4in square or 4in deep regress 2-1/8" octagonal junction box.

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TRIM OPTIONS

TRIM/BEZEL COLORS



OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 10LM fixtures.

NL

No Lens



OPTIC	BEAM ANGLE	UGR
SS40	41.1	12.4
SS50	46	13.7
SS60	58.3	14.4
D40	38.6	13
D60	62.6	15.6
WH70	73.6	18.5

HE

High Efficiency Diffused Lens



OPTIC	BEAM ANGLE	UGR
HE40	44.2	16.4
HE60	63.9	18.6
HE80	79	20.5

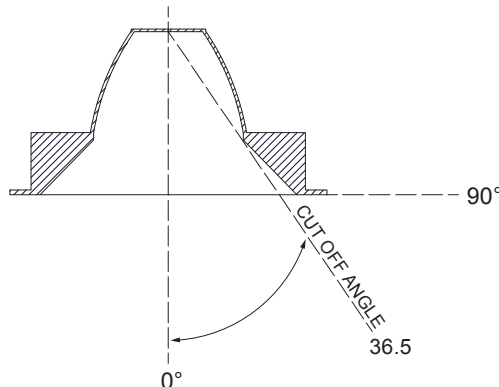
GLARE CONTROL

CUT-OFF ANGLE

Visual comfort is achieved with a lower cut-off angle due to improved glare control. The smaller the cut-off angle, the easier it is on the eye.

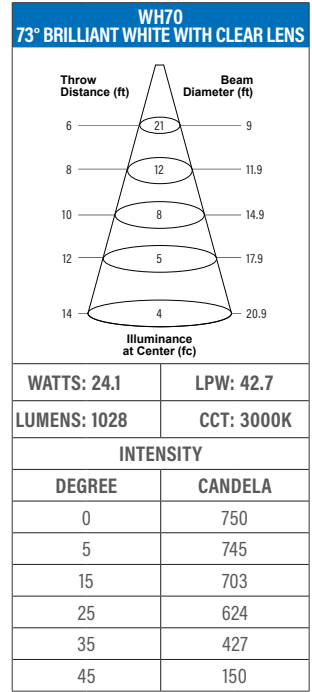
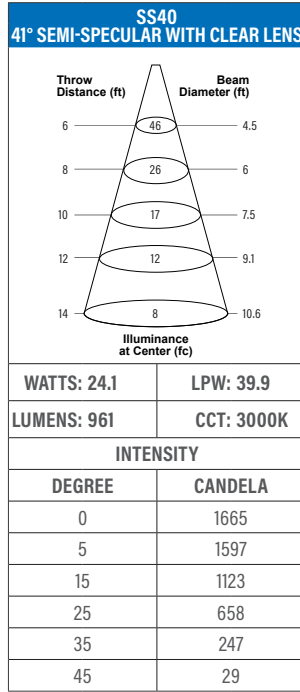
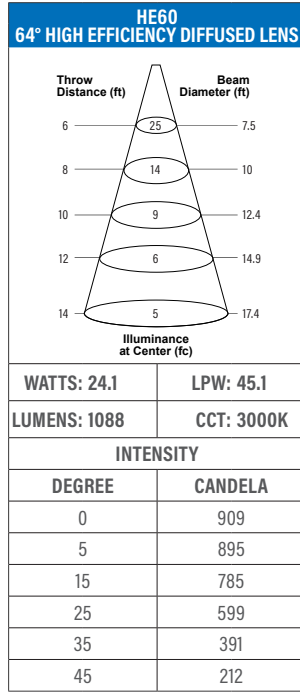
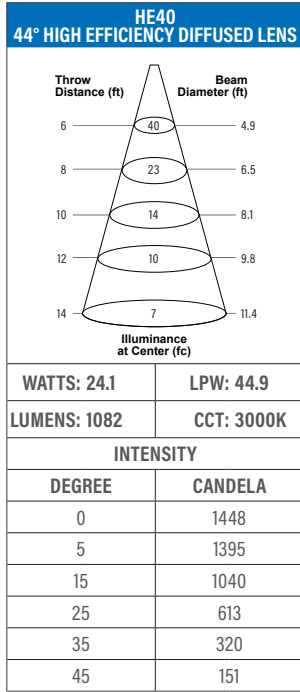
Alphabet downlights have been thoughtfully engineered to eliminate glare while still delivering functional illumination.

- Cutoff angle of NL and CL is 36.5 degrees;



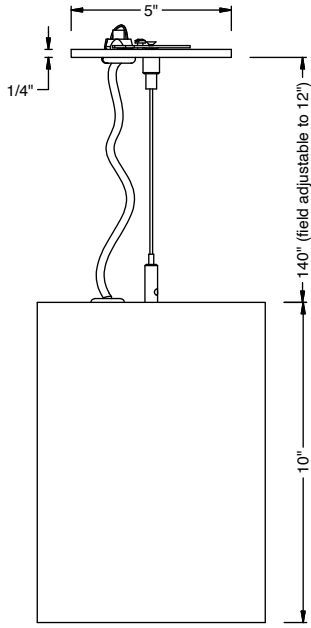
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PHOTOMETRIC DATA

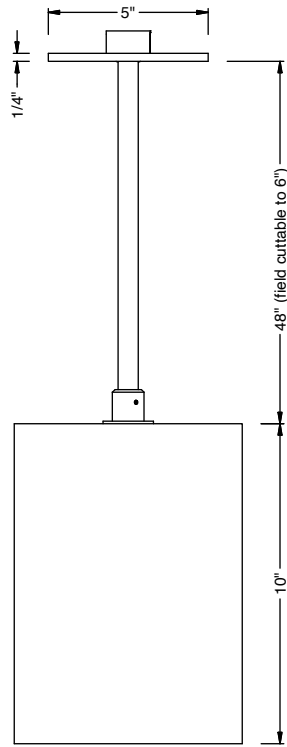


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MOUNTING OPTIONS

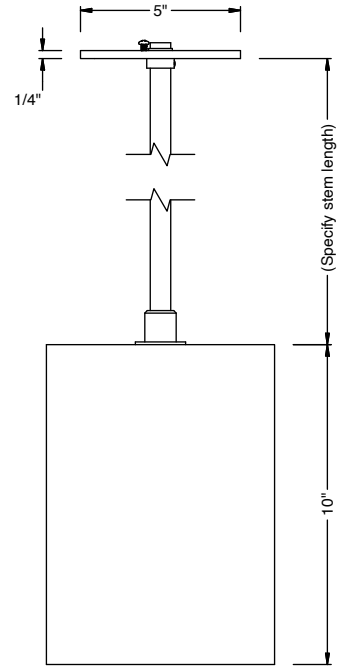
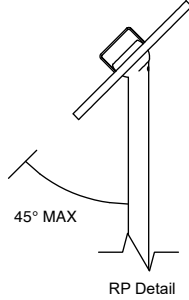


PENDING
CAS

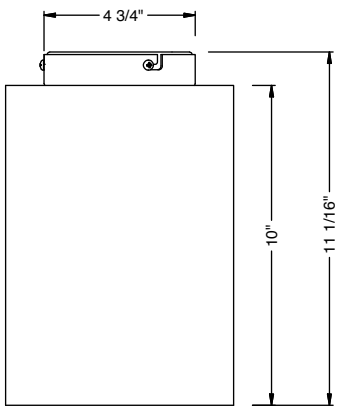
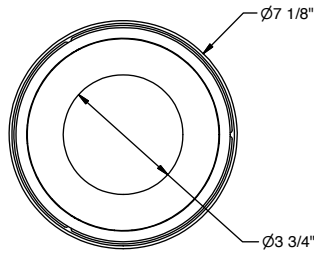


RP SWIVEL
DMX / CAS

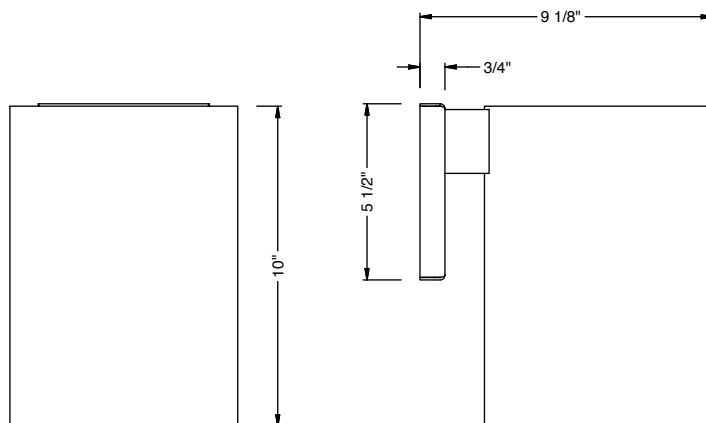
- H RP 48-3/8" (field adjustable to 6")
- RP5 60-3/8" (field adjustable to 6")
- RP6 72-3/8" (field adjustable to 6")
- RP8 96-3/8" (field adjustable to 54")
- RP10 120-3/8" (field adjustable to 66")



RP FIXED
DMX / CAS



SURFACE
DMX / CAS



WALL MOUNT
DMX / CAS

