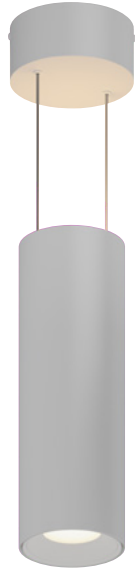


alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

BETA4 UP DOWN

4" Cylinder Tunable White / Static White



DOWNLIGHT

15° - 65° BEAM (Note: Specifications are subject to change without notice)		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1100LM @35K/95CRI	16W
15LM	1430LM @35K/95CRI	19W
20LM	1965LM @35K/95CRI	25W
Notes	Delivered lumens based on 25D optic with HET lens (see page 2)	

UPLIGHT

8° - 65° BEAM (Note: Specifications are subject to change without notice)		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	990LM @30K/80CRI	9W
15LM	1485LM @30K/80CRI	12W
20LM	2095LM @30K/80CRI	17W
25LM	2540LM @30K/80CRI	21W
10LM	840LM @30K/90CRI	9W
15LM	1260LM @30K/90CRI	12W
20LM	1780LM @30K/90CRI	17W
25LM	2160LM @30K/90CRI	21W
Notes	Delivered lumens based on 25D optic with CL lens (see page 2)	



CASAMBI

FEATURES

- Seamless extrusion with painted finish for clean aesthetics
- Thermally optimized for longevity
- 8° - 65° beam spread
- UGR < 13
- Multiple glare control options, bezel and finishes available

DIMMING AND CONTROLS

- Flicker free 0-10V dimming to 1%
- DMX dimming to 1%
- Casambi bluetooth dimming to 1%
- Independent Uplight SW / Downlight Control TW

CONSTRUCTION

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

LED

- Luminus tunable white COB: 95 CRI, R9 > 70: SDCM = 4-step MacAdam Ellipse; Lumen Maintenance: L₇₀ > 54,000 hrs
- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L₇₀ > 66,000 hrs
- 80 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L₇₀ > 66,000 hrs

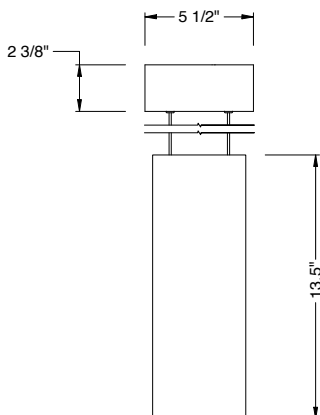
LISTING

- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- Suitable for dry and damp locations
- 5 Year Limited warranty

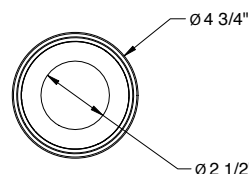
ELECTRICAL

- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Battery Backups not offered
- Emergency Generator/Inverter/Controls-Override Device supplied by other

FIXTURE HEIGHT



UP/DOWN LIGHT



alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

ORDERING CODE											
SERIES	BETA	cylinder series									
TYPE	4RUD	4" Round Up Down									
DOWNLIGHT											
LED	TW	tunable white									
DOWNLIGHT DELIVERED LUMENS	10LM	1100 lm									
	15LM	1430 lm									
	20LM	1965 lm									
CCT	2765	2700K to 6500K tunable white									
		CCT	2700K	3000K	3500K	4000K	5000K	5700K	6500K		
		CCT MULTIPLIER FOR LUMEN OUTPUT	0.91	0.98	1	0.99	1	1.01	1.02		
	1840	1800K to 4000K tunable white									
		CCT	1800K	2000K	2400K	2700K	3000K	3500K	4000K		
CRI	95	95 typical, 90 minimum									
		95 typical, 90 minimum									
OPTIC & LM MULTIPLIER SEE PAGE 3	15D	15 degrees	(1.00)								
	20D	20 degrees	(1.00)								
	25D	25 degrees	(1.00)								
	40D	40 degrees	(1.00)								
	55D	55 degrees	(0.98)								
	65D	65 degrees	(0.98)								
BEZEL LENS SEE PAGE 3	CL	clear lens	(0.98)								
	DL	diffused lens	(0.91)								
	HCL¹	honeycomb louver	(0.85)								
	HET	high efficiency textured lens, similar to Solite™	(0.96)								
	SBL	smoothing beam lens	(0.96)								
UPLIGHT											
LED	SW	standard white									
UPLIGHT DELIVERED LUMENS	10LM	990 lm									
	15LM	1485 lm									
	20LM	2095 lm									
	25LM	2540 lm									
CCT	27K	2700K	CCT	2700K	3000K	3500K	4000K				
	30K	3000K	CRI	80+	90+	80+	90+	80+	90+		
	35K	3500K	CCT MULTIPLIER FOR LUMEN OUTPUT	0.96	0.81	1	0.85	1.03	0.88	1.06	0.91
	40K	4000K									
CRI	80	80 CRI									
	90	90 CRI									
OPTIC & LM MULTIPLIER SEE PAGE 3	8D	8 degrees	(1.00)								
	12D	12 degrees	(1.00)								
	20D	20 degrees	(0.99)								
	25D	25 degrees	(1.00)								
	35D	35 degrees	(0.99)								
	50D	50 degrees	(1.00)								
BEZEL LENS SEE PAGE 3	CL	clear lens	(0.98)								
	DL	diffused lens	(0.91)								
	HET	high efficiency textured lens, similar to Solite™	(0.96)								
	SBL	smoothing beam lens	(0.96)								

ORDERING CODE			
BEZEL COLOR SEE PAGE 3	BK	black	(0.98)
	WH	white	(1.00)
	MC	matte chrome	(0.99)
	BZ	bronze	(0.98)
	WT	wheat	(0.99)
	CC²	custom color, consult factory for details	
FINISH	BK	black	
	MC	matte chrome	
	WH	white	
	CC²	custom color, consult factory for details	
MOUNTING OPTIONS	PS6	driver integrated canopy with power over suspension, 6ft	
	PS8	driver integrated canopy with power over suspension, 8ft	
	PS10	driver integrated canopy with power over suspension, 10ft	
	PS12	driver integrated canopy with power over suspension, 12ft	
VOLTAGE	UNV	120V-277V	
DIMMING	DIM10³	eldoLED flicker free 0-10V dimming to 1%	
	DMX	DMX control dimming to 1%	
	CAS	Casambi Bluetooth control with flicker free 1% dimming	

YOUR COMPLETED ORDERING CODE	
Follow the steps to specify your fixture, example:	
BETA - 4RUD - TW - 20LM - 2765 - 95 - 50D - CL - SW - 15LM - 30K - 90 - 25D - CL - WH - WH - PS6 - UNV - DIM10	

NOTES

- HCL not available with lens.
- Custom set up fee plus minimum quantity required per color.
- Requires 2 wall controllers (see wiring diagram).

* EML = equivalent melanopic lux. To calculate EML, multiply the measured photopic lux by the EML ratio for the given CCT. Example: 254 lux x 0.79 = 200 melanopic lux at 4000K.

* EldoLED uses logarithmic dimming curve as standard. For linear dimming curve, add "LIN" after dimming code, i.e., DIM10LIN.

alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

BEZEL OPTIONS DOWNLIGHT

BEZEL COLORS

DOWN

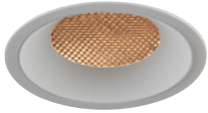


OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

HCL

Honeycomb Louver



OPTIC	BEAM ANGLE	UGR
15D	16	9.8
20D	19	11
25D	22	11
35D	30	12.4
40D	33	13
55D	49	15
65D	56	16.1

15D UGR calculation based on 10LM fixtures

NL

No Lens



OPTIC	BEAM ANGLE	UGR
15D	17	13.1
20D	20	13.8
25D	24	13.7
35D	34	15.5
40D	38	15.4
55D	55	17
65D	67	19.4

15D UGR calculation based on 10LM fixtures

CL

Clear Lens



OPTIC	BEAM ANGLE	UGR
15D	17	12.9
20D	20	13.5
25D	24	13.4
35D	34	15.2
40D	38	15.1
55D	55	16.5
65D	67	19.2

15D UGR calculation based on 10LM fixtures

DL

Diffused Lens



OPTIC	BEAM ANGLE	UGR
15D	37	18.7
20D	39	19.6
25D	43	20
35D	50	21.4
40D	52	21.3
55D	61	22
65D	71	24

15D UGR calculation based on 10LM fixtures

HET

High Efficiency Textured Lens



OPTIC	BEAM ANGLE	UGR
15D	21	13
20D	23	14
25D	28	14.3
35D	36	16.5
40D	40	16.4
55D	57	17.5
65D	65	50.5

15D UGR calculation based on 10LM fixtures

SBL

Smoothing Beam Lens



OPTIC	BEAM ANGLE	UGR
15D	18	12.5
20D	21	13.3
25D	25	13.5
35D	34	15.6
40D	38	15.6
55D	57	16.7
65D	67	20

15D UGR calculation based on 10LM fixtures

alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

PHOTOMETRIC DATA

25LM SW - UP 20LM TW - DOWN	
SW - 80CRI TW - 95CRI	
50D-CL UP 55D-CL DOWN	
WATTS: 21	LPW: 114.2
LUMENS: 2398	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
45	14
35	518
25	1830
15	2998
5	3716
0	3742
WATTS: 25	LPW: 69.7
LUMENS: 1743	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	2249
5	2249
15	2032
25	1336
35	467
45	27

15LM SW - UP 20LM TW - DOWN	
SW - 80CRI TW - 95CRI	
50D-CL UP 55D-CL DOWN	
WATTS: 12.3	LPW: 114.4
LUMENS: 1407	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
45	8
35	304
25	1074
15	1759
5	2180
0	2195
WATTS: 25	LPW: 69.7
LUMENS: 1743	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	2249
5	2249
15	2032
25	1336
35	467
45	27

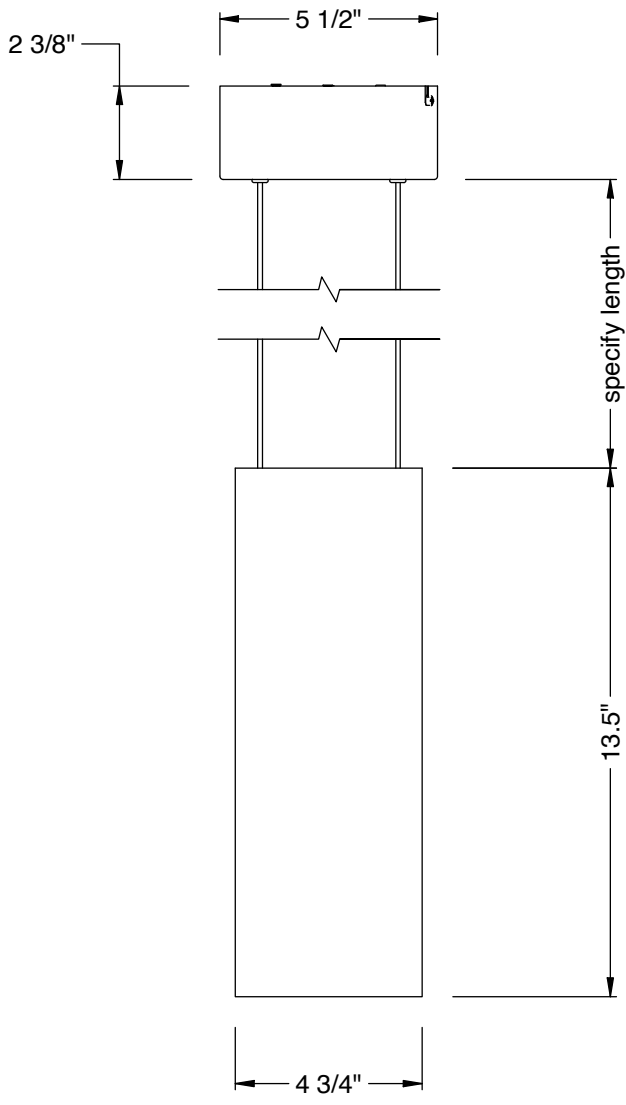
15LM SW - UP 15LM TW - DOWN	
SW - 80CRI TW - 95CRI	
50D-CL UP 55D-CL DOWN	
WATTS: 12.3	LPW: 114.4
LUMENS: 1407	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
45	8
35	304
25	1074
15	1759
5	2180
0	2195
WATTS: 18.7	LPW: 67.8
LUMENS: 1268	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	1635
5	1635
15	1478
25	972
35	339
45	20

10LM SW - UP 10LM TW - DOWN	
SW - 80CRI TW - 95CRI	
50D-CL UP 55D-CL DOWN	
WATTS: 8.4	LPW: 111.3
LUMENS: 935	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	6
5	202
15	713
25	1168
35	1448
45	1459
WATTS: 15.6	LPW: 64.8
LUMENS: 1011	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	1243
5	1276
15	1188
25	788
35	282
45	13

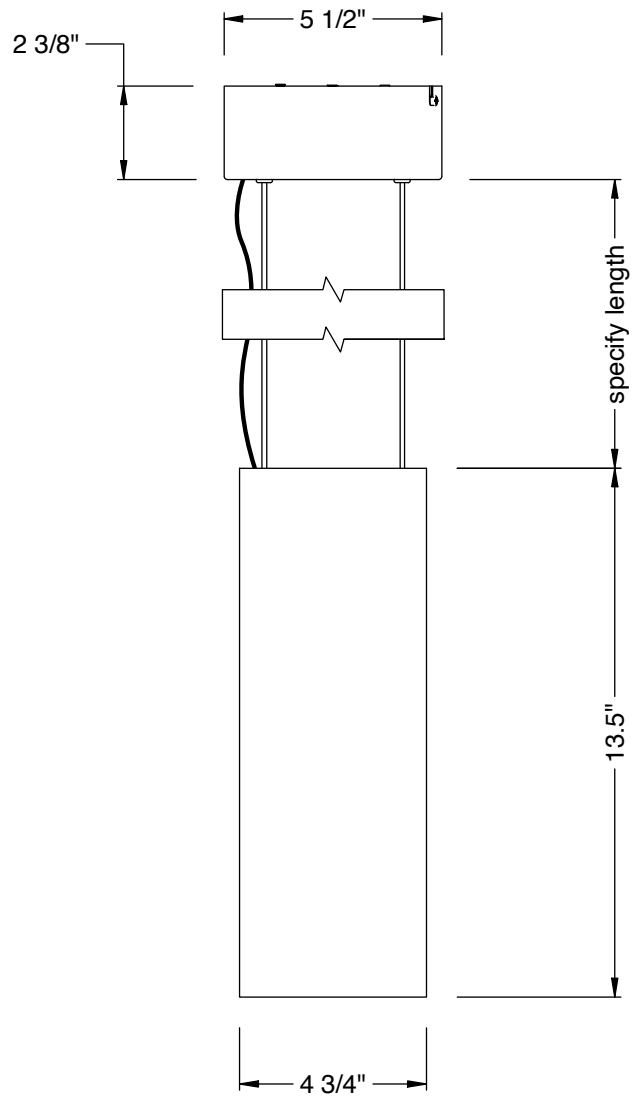
alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

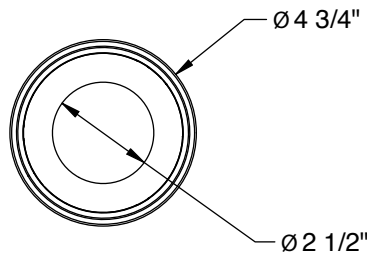
MOUNTING OPTIONS



BLUETOOTH DIMMING
CAS



HARDWIRE
DIM10 / DMX

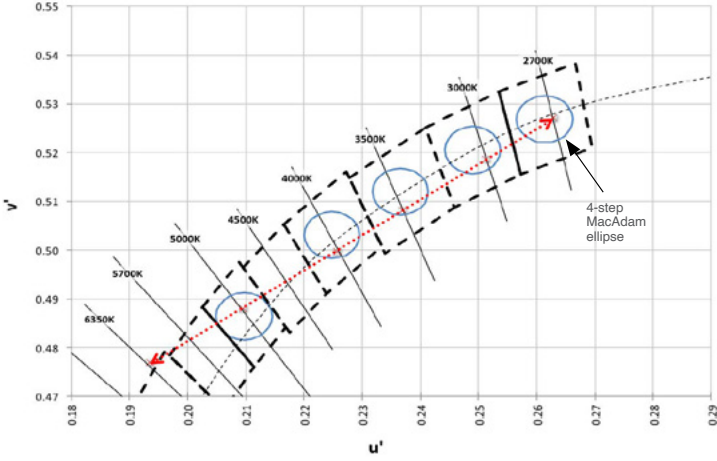


PROJECT INFORMATION		
JOB NAME	TYPE	
ORDERING CODE		

TUNABLE WHITE

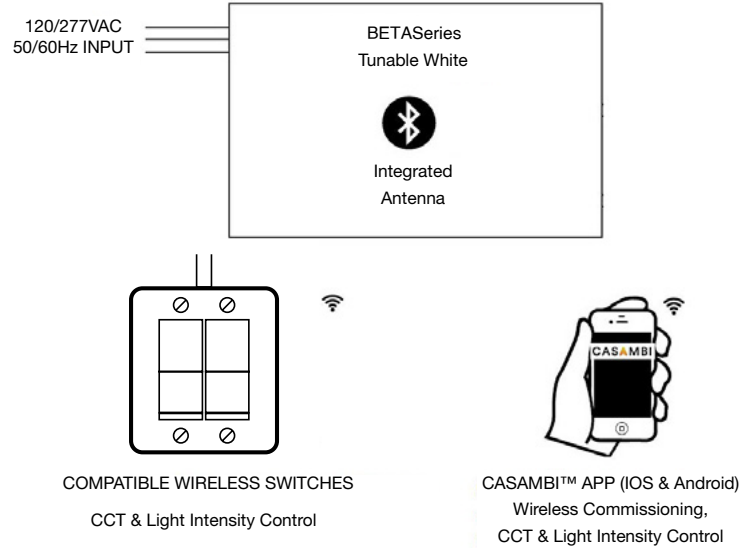
LUMINUS 95CRI

Chromaticity Coordinates (CIE 1976) & CCT range

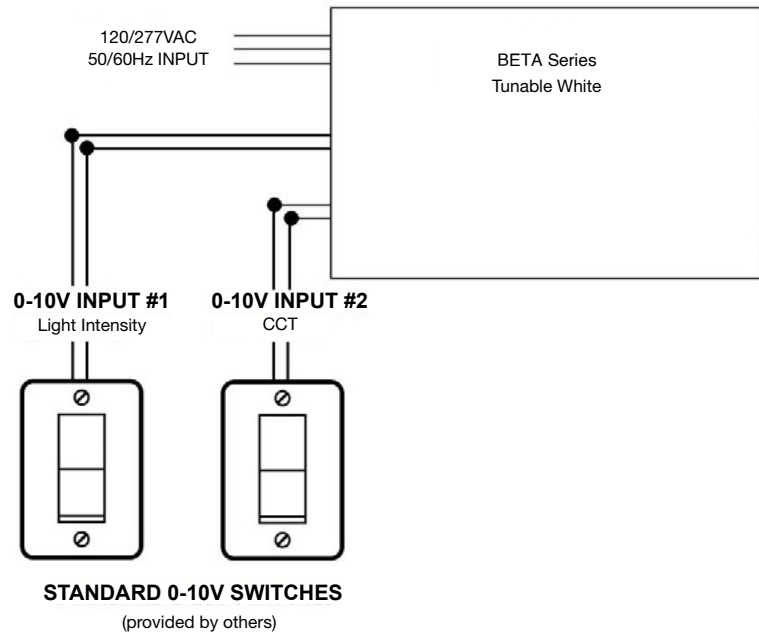


WIRING DIAGRAMS

“CAS” CASAMBI CONTROLS



“DIM10” HARDWIRED 0-10V CONTROL



NOTES

- 1 Consult factory to order compatible wireless switches.