

PROJECT INFORMATION JOB NAME ORDERING CODE

BETA6 UP DOWN

6" Cylinder Tunable White



35° -85° BEAM (Note: Specifications are subject to change without notice) SYSTEM **NOMINAL DELIVERED LED LIGHT ENGINE LUMENS** WATTAGE 10LM 940LM @35K/95CRI 13W 15LM 1340LM @35K/95CRI 20LM 1830LM @35K/95CRI Delivered lumens based on 25D Notes optic with no lens, (see page 2)

eldoLED

DOWNLIGHT

CASMBI

UPLIGHT

| 15° -65° BEAM (Note: Specifications are subject to change without notice) | | | |
|---|---|------------------|--|
| LED LIGHT ENGINE | NOMINAL DELIVERED LUMENS | SYSTEN WATTAG | |
| 10LM | 1100LM @35K/95CRI | 16W | |
| 15LM | 1430LM @35K/95CRI | 19W | |
| Notes | Delivered lumens based optic with HET lens, (se | | |

- Seamless extrusion with painted finish for clean aesthetics
- Thermally optimized for longevity
- ■15° 85° beam spread

• Luminus tunable white COB:

Maintenance: L₇₀ > 54,000 hrs

- UGR < 19
- Multiple glare control options, bezel and finishes available

95 CRI, R9 > 70: SDCM = 4-step MacAdam Ellipse; Lumen

DIMMING AND CONTROLS

- eldoLED flicker free 0-10V dimming to 1% and 0%
- eldoLED flicker free DALI dimming to 1% and 0%
- Casambi dimming to 1%
- Independent Uplight / Downlight Control

CONSTRUCTION

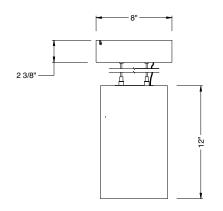
- Extruded aluminum housing
- Lexan™ (PC) Optimal connectivity for wireless control signal
- Machined aluminum canopy

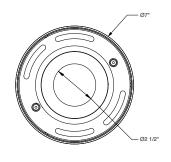
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- Suitable for dry and damp locations
- 5 Year Limited warranty

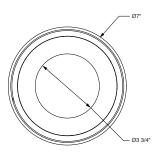
ELECTRICAL

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

FIXTURE HEIGHT UPLIGHT DOWNLIGHT







alphabet

| ORDERING CODE | | | | | | | | | | |
|--|---|---|--|--------------------------------------|----------------------------|----------|------|------|---|--|
| SERIES | BETA | cylinder series | | | | | | | | |
| TYPE | 6RUD | 6" Round Up Down | | | | | | | | |
| LED | TW | tunable white | | | | | | | | |
| DOWNLIGHT | 20LM | 1830 lm | | | | | | | | |
| DELIVERED | 10LM | 940 lm | | | | | | | | |
| LUMENS | 15LM | 1340 lm | | | | | | | | |
| UPLIGHT | 10LM | 1100 lm | | | | | | | | |
| DELIVERED Lumens | 15LM | 1430 lm | | | | | | | | |
| | 1840 | 1800K to 4000 | K tuna | able v | vhite | | | | | |
| | | CCT | 180 | 0K | 240 | 00K | 300 | 00K | 400 | 0K |
| | | CCT MULTIPLIER FOR LUMEN OUTPUT | 0.67 | 0.74 | 0.8 | 0.85 | 0.88 | 0.95 | 1.01 | 90+ |
| ССТ | | EML RATIO | 0.21 | 0.33 | 0.46 | 0.53 | 0.59 | 0.67 | 0.73 | 0.91 |
| UP & DOWN | 2765 | 2700K to 6500 | K tun | able v | white | | I | I. | | |
| | | CCT | 270 | 10K | 350 | 00K | 500 | 00K | 650 | 0K |
| | | CCT MULTIPLIER FOR LUMEN OUTPUT | 0.91 | 0.98 | 1.00 | 0.99 | 1.00 | 1.01 | 1.02 | |
| | | EML RATIO | 0.49 | 0.57 | 0.68 | 0.79 | 0.96 | 1.04 | 1.12 | |
| CRI | 95 | 95 CRI max at | 3500 | ۲, 90 | CRI a | t 650 | 0K | | | |
| UP & DOWN DOWNLIGHT | | | | | | | | | | |
| | D40 40° diffused with clear lens (0.92) | | | | | | | | | |
| | | 60° diffused with clear lens | | | | (0 | 32) | | | |
| | | | | | ne | | | | () | 03) |
| OPTIC & | D60 | 60° diffused w | ith cl | ear le | | าร | | | | 93) 99) |
| LM MULTIPLIER | D60 HE35 | 60° diffused w 35° high efficie | ith cl | ear le diffus | ed ler | | | | (0. | 99) |
| | D60 | 60° diffused w 35° high efficie 60° high efficie | ith clanes | ear le diffus diffus | ed ler ed ler | ns | | | (0. | 99) |
| LM MULTIPLIER | D60 HE35 HE60 | 60° diffused w 35° high efficie | ith clanes | ear le diffus diffus diffus | ed ler ed ler ed ler | ns ns | | | (0. | 99) |
| LM MULTIPLIER SEE PAGE 3 | D60 HE35 HE60 HE85 | 60° diffused w 35° high efficie 60° high efficie 85° high efficie | ith cle ency c ency c ency c hite w | ear le diffus diffus diffus | ed ler ed ler ed ler | ns ns | | | (0. (1.) (0. (0. | 99) 00) 88) |
| LM MULTIPLIER | D60 HE35 HE60 HE85 WH80 | 60° diffused w 35° high efficie 60° high efficie 85° high efficie 80° brilliant wl | ith cle ency c ency c ency c hite w | ear le diffus diffus diffus | ed ler ed ler ed ler | ns ns | | | (0. (1.) (0. (0. | 99) 00) 88) 96) |
| LM MULTIPLIER SEE PAGE 3 BEZEL LENS | D60 HE35 HE60 HE85 WH80 | 60° diffused w 35° high efficie 60° high efficie 85° high efficie 80° brilliant wl | ith clency (ency (ency (hite w uver | ear le diffus diffus diffus | ed ler ed ler ed ler | ns ns | | | (0. (1.) (0. (0. | 99) 00) 88) 96) |
| LM MULTIPLIER SEE PAGE 3 BEZEL LENS | D60 HE35 HE60 HE85 WH80 | 60° diffused w 35° high efficie 60° high efficie 85° high efficie 80° brilliant w honeycomb lo | ith clency (ency (ency (hite w uver | ear le diffus diffus diffus | ed ler ed ler ed ler | ns ns | | | (0. (1.) (0. (0. | 99) 00) 88) 96) |
| LM MULTIPLIER SEE PAGE 3 BEZEL LENS SEE PAGE 3 | D60 HE35 HE60 HE85 WH80 HCL ¹ | 60° diffused w 35° high efficie 60° high efficie 85° high efficie 80° brilliant w honeycomb lo | ith clency (ency (ency (hite w uver | ear le diffus diffus diffus | ed ler ed ler ed ler | ns ns | | | (0. (1.) (0. (0. | 99) 00) 88) 96) 85) |
| LM MULTIPLIER SEE PAGE 3 BEZEL LENS SEE PAGE 3 OPTIC & | D60 HE35 HE60 HE85 WH80 HCL' | 60° diffused w 35° high efficie 60° high efficie 85° high efficie 80° brilliant wl honeycomb lo | ith clency (ency (ency (hite w uver | ear le diffus diffus diffus | ed ler ed ler ed ler | ns ns | | | (0. (1.) (0. (0. (1.) (1.) | 99) 00) 88) 96) 85) |
| LM MULTIPLIER SEE PAGE 3 BEZEL LENS SEE PAGE 3 | D60 HE35 HE60 HE85 WH80 HCL ¹ 15D 20D | 60° diffused w 35° high efficie 60° high efficie 85° high efficie 80° brilliant wi honeycomb lo UPLIGHT 15 degrees 20 degrees | ith clency (ency (ency (hite w uver | ear le diffus diffus diffus | ed ler ed ler ed ler | ns ns | _ | | (0. (1.) (0. (0. (1.) (1.) (1.) | 99) 00) 88) 96) 85) |
| BEZEL LENS SEE PAGE 3 OPTIC & LM MULTIPLIER | D60 HE35 HE60 HE85 WH80 HCL' 15D 20D 25D | 60° diffused w 35° high efficie 60° high efficie 85° high efficie 80° brilliant w honeycomb lo UPLIGHT 15 degrees 20 degrees 25 degrees | ith clency (ency (ency (hite w uver | ear le diffus diffus diffus | ed ler ed ler ed ler | ns ns | | | (0. (1.) (0. (0. (1.) (1.) (1.) (1.) | 99) 00) 88) 96) 85) |
| LM MULTIPLIER SEE PAGE 3 BEZEL LENS SEE PAGE 3 OPTIC & LM MULTIPLIER | D60 HE35 HE60 HE85 WH80 HCL' 15D 20D 25D 40D | 60° diffused w 35° high efficie 60° high efficie 85° high efficie 80° brilliant wi honeycomb lo UPLIGHT 15 degrees 20 degrees 25 degrees 40 degrees 55 degrees 65 degrees | ith clency (ency (ency (hite w uver | ear le diffus diffus diffus | ed ler ed ler ed ler | ns ns | _ | _ | (0.0 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 | 99) 00) 88) 96) 85) 00) 00) |
| BEZEL LENS SEE PAGE 3 OPTIC & LM MULTIPLIER | D60 HE35 HE60 HE85 WH80 HCL' 15D 20D 25D 40D 55D | 60° diffused w 35° high efficie 60° high efficie 85° high efficie 80° brilliant w honeycomb lo UPLIGHT 15 degrees 20 degrees 25 degrees 40 degrees 55 degrees | ith clency (ency (ency (hite w uver | ear le diffus diffus diffus | ed ler ed ler ed ler | ns ns | | | (0.0 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 | 99) 99) 88) 96) 85) 00) 00) 00) 98) |
| BEZEL LENS SEE PAGE 3 OPTIC & LM MULTIPLIER SEE PAGE 3 | D60 HE35 HE60 HE85 WH80 HCL¹ 15D 20D 25D 40D 55D 65D CL DL | 60° diffused w 35° high efficie 60° high efficie 80° brilliant w honeycomb lo UPLIGHT 15 degrees 20 degrees 25 degrees 40 degrees 55 degrees 65 degrees clear lens diffused lens | ith clith cliency (ency (hite work) | ear le diffus diffus vith c | ed ler ed ler ed ler | ns ns | | _ | (0.0 (0.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 | 99) 99) 88) 96) 85) 00) 00) 00) 98) 98) |
| LM MULTIPLIER SEE PAGE 3 BEZEL LENS SEE PAGE 3 OPTIC & LM MULTIPLIER | D60 HE35 HE60 HE85 WH80 HCL' 15D 20D 25D 40D 55D 65D CL | 60° diffused w 35° high efficie 60° high efficie 80° brilliant w honeycomb lo UPLIGHT 15 degrees 20 degrees 25 degrees 40 degrees 55 degrees 65 degrees clear lens | ith clith cliency (ency (hite work) | ear le diffus diffus vith c | ed ler ed ler ed ler | ns ns | _ | _ | (0.0 (0.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 | 99) 99) 88) 96) 85) 00) 00) 00) 98) 98) |

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| PROJECT INFORMATION | | | |
|---------------------|--|------|--|
| JOB NAME | | TYPE | |
| ORDERING CODE | | - | |

| ORDERING CODE | | | | |
|----------------|---------------------|---|--------|--|
| | BK | black | (0.98) | |
| BEZEL COLOR | WH | white | (1.00) | |
| SEE PAGE 3 | MC | matte chrome | (0.99) | |
| | CC ² | custom color, consult factory for details | | |
| | BK | black | | |
| FINISH | WH | white | | |
| FINISH | MC | matte chrome | | |
| | CC ² | custom color, consult factory for details | | |
| | PS6 | driver integrated canopy with power over suspension, 6ff | | |
| MOUNTING | PS8 | driver integrated canopy with power over suspension, 8ft | | |
| OPTIONS | PS10 | driver integrated canopy with power over suspension, 10ft | | |
| SEE PAGE 5 | PS12 | driver integrated canopy with power over suspension, 12ft | | |
| | For lengths gre | eater than 12 ft, consult the factory. | | |
| VOLTAGE | 120 | 120V | | |
| VOLIAGE | UNV | 120V-277V | | |
| | DIM10Z ³ | eldoLED flicker free 0-10V dimming to 0% | | |
| DIMMING | DALIZ ³ | DALI dimming to 0% | | |
| Dimilitu | CAS | Casambi wireless mesh control with flicker free dimming | e 1% | |

| YOUR COMPLETED ORDERING CODE | | |
|--|--|--|
| | | |
| | | |
| | | |
| Follow the steps to specify your fixture, example: | | |
| BETA - 6RUD - TW - 25LM - 10LM - 2765 - 95 - HE60 - 20D - SBL - WH - WH - PS6 - UNV - DIM10Z | | |

- 1. HCL not available with lens. Multiplier: Delivered Lumens (0.78) / Beam Spread (0.80)
- 2. Custom set up fee plus minimum quantity required per color.
- 3. 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.
- * EldoLED uses logarithmic dimming curve as standard. For linear dimming curve, add "LIN" after dimming code, i.e., DIM10LIN.

high efficiency textured lens, similar to Solite™



| PROJECT INFORMATION | | | | |
|---------------------|--|------|--|--|
| JOB NAME | | TYPE | | |
| ORDERING CODE | | | | |

BEZEL OPTIONS DOWNLIGHT

BEZEL COLORS





MC



BK

WH

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.

CL Clear Lens

| OPTIC | BEAM ANGLE | UGR |
|-------|------------|------|
| D40 | 40 | 12.2 |
| D60 | 58 | 15.6 |
| WH80 | 78 | 19.3 |



| OPTIC | BEAM ANGLE | UGR |
|-------|------------|--------|
| D40 | 40 | 12.444 |
| D60 | 58 | 15.912 |
| WH80 | 78 | 19.686 |

DL Diffused Lens

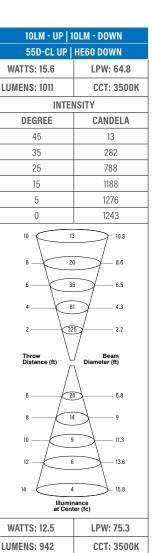


| OPTIC | BEAM ANGLE | UGR |
|-------|--------------|-------------------------------|
| HE35 | 36 | 16.6 |
| HE60 | 59 | 18.7 |
| HE85 | 84 | 21.3 |
| | HE35 HE60 | HE35 36 HE60 59 |



PROJECT INFORMATION JOB NAME ORDERING CODE

PHOTOMETRIC DATA



| Illuminance at Center (fc) | | |
|-------------------------------|------------|--|
| WATTS: 12.5 | LPW: 75.3 | |
| LUMENS: 942 | CCT: 3500K | |
| INT | ENSITY | |
| DEGREE | CANDELA | |
| 0 | 873 | |
| 5 | 856 | |
| 15 | 731 | |
| 25 | 530 | |
| 35 | 328 | |
| 45 | 174 | |

| 10LM - UP 2 | OLM - DOWN | |
|--------------------------|------------------|--|
| 55D-CL UP | HE60 DOWN | |
| WATTS: 15.6 | LPW: 64.8 | |
| LUMENS: 1011 | CCT: 3500K | |
| INTEN | ISITY | |
| DEGREE | CANDELA | |
| 45 | 13 | |
| 35 | 282 | |
| 25 | 788 | |
| 15 | 1188 | |
| 5 | 1276 | |
| 0 | 1243 | |
| 10 — 13 | 10.8 | |
| \ | / | |
| 8 20 | 8.6 | |
| 6 36 | 6.5 | |
| 481 | 4.3 | |
| 232 | 5 2.2 | |
| | 7 | |
| Throw Beam Distance (ft) | | |
| | | |
| 6 | 6.8 | |
| 0.8 | | |
| 8 - 27 | 9 | |
| 1017 | 11.3 | |
| 10 10 | | |
| 12 | 13.6 | |
| 14 9 | 15.8 | |
| Illumin at Cent | nance er (fc) | |
| WATTS: 23 | LPW: 79.7 | |
| LUMENS: 1833 | CCT: 3500K | |
| INTEN | NSITY | |
| DEGREE | CANDELA | |
| 0 | 1700 | |
| 5 | 1667 | |
| 15 | 1423 | |
| 25 | 1032 | |

| OWN | 15LM - UP 1 | 15LM - UP 15LM - DOWN | | |
|------------------|---|-------------------------|--|--|
| OWN | 55D-CL UP | 55D-CL UP HE60 DOWN | | |
| N: 64.8 | WATTS: 18.7 | LPW: 67.8 | | |
| T: 3500K | LUMENS: 1268 | CCT: 3500K | | |
| | INTENSITY | | | |
| NDELA | DEGREE | CANDELA | | |
| 13 | 45 | 20 | | |
| 282 | 35 | 339 | | |
| 788 | 25 | 972 | | |
| 1188 | 15 | 1478 | | |
| 1276 | 5 | 1635 | | |
| 1243 | 0 | 1635 | | |
| - 10.8 | 10 — 1 | 10 — 16 — 10.4 | | |
| / 8.6 | 82 | 8 8.3 | | |
| 6.5 | 6 4 | 6.3 | | |
| 4.3 | 410 | 4.2 | | |
| 2.2 | 2 ————————————————————————————————————— | 2.1 | | |
| Beam ter (ft) | Throw Distance (ft) | Beam Diameter (ft) | | |
| 6.8 | 6 | 6.8 | | |
| 9 | 8 | 8 9 | | |
| 11.3 | 101 | 10 11.3 | | |
| 13.6 | 12 | 13.6 | | |
| 15.8 | 14 | 14 6 15.8 | | |
| | Illuminance at Center (fc) | | | |
| N: 79.7 | WATTS: 17.5 | LPW: 76.7 | | |
| T: 3500K | LUMENS: 1342 | CCT: 3500K | | |
| | INTE | INTENSITY | | |
| NDELA | DEGREE | CANDELA | | |
| 1700 | 0 | 1244 | | |
| 1667 | 5 | 1220 | | |
| 1423 | 15 | 1042 | | |
| 1032 | 25 | 25 756 | | |
| 640 | 35 | 35 468 | | |
| 338 | 45 | 247 | | |
| | | | | |

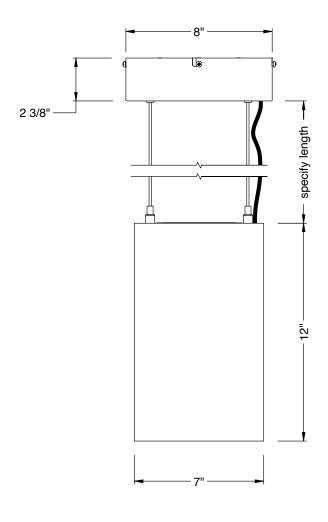
| .M - UP 1 | 5LM - DOWN | 15LM - UP 2 | OLM - DOWN | | |
|--------------------------------------|------------|---|----------------------------|--|--|
| | HE60 DOWN | <u>-</u> | HE60 DOWN | | |
| 18.7 | LPW: 67.8 | WATTS: 18.7 | LPW: 67.8 | | |
| 1268 | CCT: 3500K | LUMENS: 1268 | CCT: 3500K | | |
| INTEN | ISITY | INTE | INTENSITY | | |
| REE | CANDELA | DEGREE | CANDELA | | |
| 5 | 20 | 45 | 20 | | |
| 5 | 339 | 35 | 339 | | |
| 5 | 972 | 25 | 972 | | |
| 5 | 1478 | 15 | 1478 | | |
| 5 | 1635 | 5 | 1635 | | |
|) | 1635 | 0 | 1635 | | |
| 16 10.4 | | 10 — 1 | 10 — 16 — 10.4 | | |
| 26 | 8.3 | 82 | 8 8.3 | | |
| 45 | 6.3 | 6 4 | 6 45 6.3 | | |
| 102 | 4.2 | 410 | 4 4.2 | | |
| 2.1 | | 2 ————————————————————————————————————— | 2.1 | | |
| M Beam Diameter (ft) | | Throw Distance (ft) | Throw Beam Diameter (ft) | | |
| 35 | 6.8 | 6 — 4 | 6.8 | | |
| 19 | 9 | 8 9 | | | |
| 12 11.3 | | 10 17 11.3 | | | |
| 9 13.6 | | 14 9 15.8 | | | |
| 6 — 15.8 Illuminance at Center (fc) | | Illumi | Illuminance at Center (fc) | | |
| 17.5 | LPW: 76.7 | WATTS: 23 | LPW: 79.7 | | |
| 1342 | CCT: 3500K | LUMENS: 1833 | CCT: 3500K | | |
| INTENSITY | | INTE | INTENSITY | | |
| REE | CANDELA | DEGREE | CANDELA | | |
|) | 1244 | 0 | 1700 | | |
| 5 | 1220 | 5 | 1667 | | |
| 5 | 1042 | 15 | 1423 | | |
| 5 | 756 | 25 | 1032 | | |
| 5 | 468 | 35 | 640 | | |
| | | | | | |

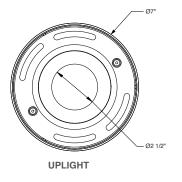
35

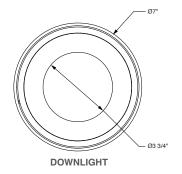
alphabet

JOB NAME ORDERING CODE

MOUNTING OPTIONS





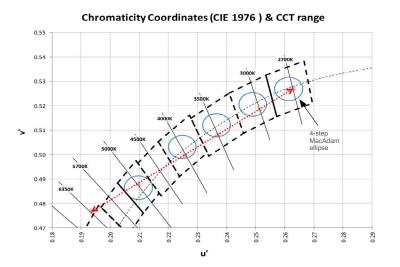




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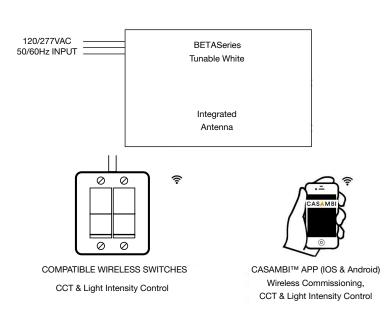
TUNABLE WHITE

LUMINUS 95CRI

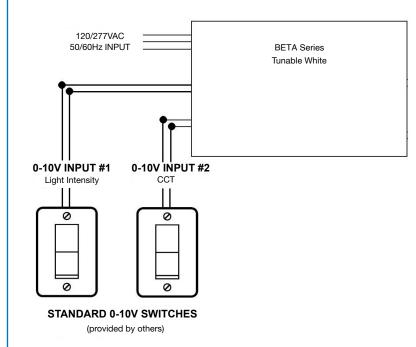


WIRING DIAGRAMS

"CAS" CASAMBI CONTROLS



"DIM10" HARDWIRED 0-10V CONTROL



1 Consult factory to order compatible wireless switches.