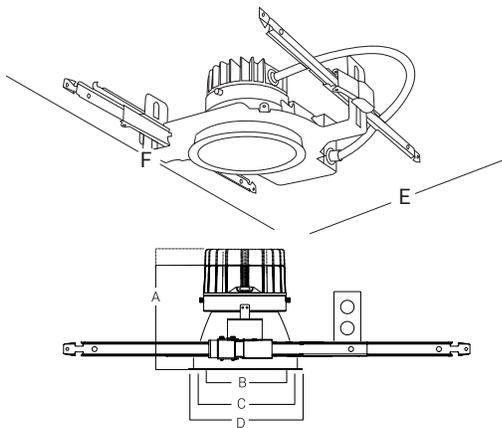




REFLECTOR/
FLANGE COLORS



A 900L to 4000L: Height = 9"
A 6000L to 8000L: Height = 12"
B: Trim Aperture = 9-5/8"
C: Cut-Out = 10-1/2"
D: Trim Outside Dia = 11"
E: Width = 17-1/2"
F: Length = 16-1/2"

| NOMINAL LUMENS | DELIVERED LUMENS | WATTAGE |
|----------------|------------------|---------|
| 8000 | 7789 | 81 W |
| 6000 | 6412 | 66 W |
| 4000 | 4793 | 40 W |
| 3000 | 3512 | 35 W |
| 2000 | 2382 | 21 W |
| 1500 | 1782 | 15 W |
| 1200 | 1439 | 12 W |
| 900 | 1091 | 9 W |

Based on 4000K, 90+CRI with semi-specular chrome reflector.
Actual wattage may vary +/-5%

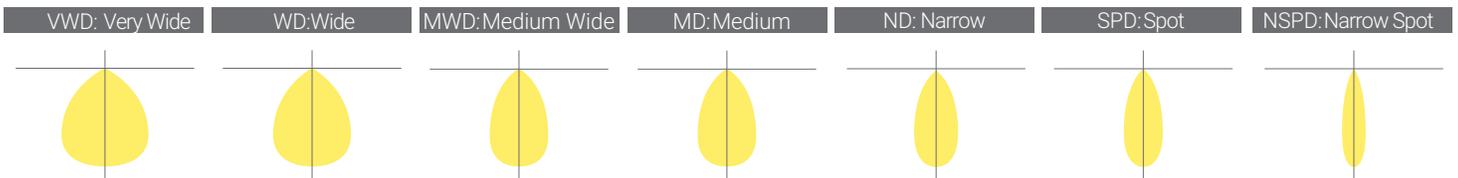
FEATURES

A highly sustainable and ultra-efficient architectural LED downlight that provides even, glare-free illumination. Available in a range of finishes, distributions, and lumen packages, it is ideally suited for use in corporate office space, hospitality, healthcare, commercial, academic, churches and retail.

OPTICS AND REFLECTOR

The reflector has a 45° visual cutoff, and is shipped standard with a Solite lens in a smooth frosted finish. Spun from 0.05" thick aluminum, with a 1-step anodized finish, and available in different colors or custom RAL finishes. Reflector flange options include self-flanged and white painted flange. Various distribution options are available, and all optics are field changeable.

| | |
|------------------------------------|--|
| LUMENS | 900, 1200, 1500, 2000, 3000, 4000, 6000, 8000 (Custom lumen packages available) |
| CCT & DYNAMIC PLATFORMS | 22K, 27K, 30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White |
| CRI | 90+ Standard, 98+ Optional |
| COLOR QUALITY | 2 Step MacAdam Ellipse |
| DISTRIBUTIONS | VWD, WD, MWD, MD, ND, SPD, NSPD |
| TRIM OPTIONS | Downlight, Wall Wash, Double Wall Wash, Wet Location |
| REFLECTOR COLORS | CL (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), WT (Wheat), WH (White), MB (Black) |
| FLANGE COLORS | Self-Flanged WH (White), SCH (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), BK (Black) |
| DIMMING | 0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUTFTB, LUT2W, ELDO10.1, ELDDMX.1, ELDDALI.1, DIMTR, BLE |
| EMERGENCY | 10W - Up to 1000L Output 20W - Up to 2000L Output EMG-LED-G2-10W-SDT - Self Diagnostic (Consult Factory) |
| LIFETIME | L70>72,000-hour reported lifetime for Standard models L70>50,000-hour reported lifetime for HP models |
| PHOTOMETRIC TESTS | In Accordance with IES LM79-08, LM80 and TM-30, TM-21 |
| UGR | UGR <19 |



Reference IES files for additional distribution curve information.



THERMAL MANAGEMENT SYSTEM

Passive cooling Diecast Aluminum Heat Sink, LED light engine and driver are replaceable, upgradeable, and can be accessed from below the ceiling. The consistency in the quality of light is delivered with precision performance by the use of a unique locking mechanism that aligns the reflector with the light engine.

MOUNTING FRAME & BRACKETS

The downlight mounting frame is a fabricated assembly constructed of 16-gauge steel, with C-channel mounting brackets, included. The versatility of the mounting brackets allow for an adjustability of up to 28" horizontally, and 2-3/4" vertically, locking into place. With the added die-formed construction of the mounting frame, it provides maximum heat dissipation and rust protection.

DRIVER ELECTRICAL INFORMATION

The LED driver is rated for 50 to 60Hz at 120V/277V also available in 347V input, produces less than 20%THD, has a power factor between 90% and 100%, and is thermally protected for additional safety. Junction box and Driver can be accessed from below the ceiling and above the ceiling. Junction Box is Listed for through branch circuit wiring.

DIMMING & DRIVER INFORMATION

DIM10 - 0-10V dimming on either MVOLT 120, 277 or 347V. Dimmable down to 1% of initial lumens, standard.

DIMTR - Triac & Electronic low voltage dimming. Available in 120V, and up to 4000 lumens only.

LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED Driver Forward Phase Control, 1% dimming in 120V only. Available on all luminaires up to 3000 lumens.

LUTH - Lutron LDE1 Hi-Lume Eco System. 1% dimming with Soft in Fade to Black dimming technology.

LUTFB - Lutron PEQ0 Hi-Lume Premier Eco System. 0.1% dimming with Soft in Fade to Black dimming technology. Available on all luminaires up to 1500 lumens.

ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.

DALI - DALI DT6, DT8 dimming down to 1%.

ELDODMX - EldoLED PowerDrive dimming down to 0.1%.

Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.

BLE - Luminaires may be controlled, grouped, scheduled or placed in scenes and or zones Via Cassambi Bluetooth 4.0 App.

LED DYNAMIC PLATFORM OPTIONS

 Tunable White with Smart White Technology utilizing the Lumenetix Platform allows you to color tune the luminaire via various controls. Create the perfect environment for the desired use of the space, while maintaining a CRI of 90+ across the tunable range of 8000 to 1650K. (Click here for more details)

 Dims to Warm with Smart Dimming Technology. At 100% full brightness the luminaire is at 3000K. When dimmed to 1%, the light transitions to 1800K, creating a warm ambiance within the space. (Click here for more details)

 RGB+White with Smart Hue Technology provides full color mixing of RGB and white colors. Utilizing the Lumenetix Platform allows you to choose from unlimited RGB color options, via various controls. Ideal for Circadian Rhythm applications or to create the perfect human centric environment. (Click here for more details)

OPTICAL

Modular Optics Available with 15°, 24°, 30°, 36°, 52°, 60° and 70° field interchangeable optics design with 45° cutoff to source. Top-down flash characteristic for superior glare control. The optics directly the light engine to the Trim for complete optical alignment and sufficient efficacy. A UGR (Unified Glare Rating) of less than 19 minimizes the effect of glare, enhancing well-being and reducing discomfort.

WARRANTY

Five-year warranty for parts and components. (Labor not included)

LISTINGS

c-UL-us - Listed for Wet Location if used with HH10-1501 Trim.

c-UL-us - Listed for Feed Through Wiring.

U.S Patent No. - D685,118S

CP-City of Chicago environmental air (CCEA) marking for plenum applications.

Energy Star and California Title 24 compliant
Optional Black color trim is not ENERGYSTAR certified and won't meet the requirement. 22K and 27K are not Energy Star Listed and won't meet the requirement. Please consult with Elite lighting to confirm Energy Star listing.

BAA- Buy American Act Compliant government procurement requirements under FAR, DFARS and DOT regulations.

Example: **HH10-LED-4000L-DIM10-MVOLT-MD-40K-90-HH10-1501-CL-WH**

| SERIES | LUMENS | DRIVER | VOLTAGE | CCT | EMERGENCY | TRIM TYPE | REFLECTOR/FLANGE COLORS |
|----------|--------------------------------|---|--|---|--|--|----------------------------------|
| HH10-LED | <input type="checkbox"/> 900L | <input type="checkbox"/> DIM10 | <input type="checkbox"/> 120 | <input type="checkbox"/> 22K | <input type="checkbox"/> EMG-LED-10W | <input type="checkbox"/> HH10-1501 Flanged Downlight | <input type="checkbox"/> CL-WH |
| | <input type="checkbox"/> 1200L | <input type="checkbox"/> DIMTR ^{1 4} | <input type="checkbox"/> 277 | <input type="checkbox"/> 27K | <input type="checkbox"/> EMG-LED-20W | <input type="checkbox"/> HH10-1507 Flanged Wall Wash | <input type="checkbox"/> CL-SCH |
| | <input type="checkbox"/> 1500L | <input type="checkbox"/> LUTH ⁴ | <input type="checkbox"/> MVOLT | <input type="checkbox"/> 30K | <input type="checkbox"/> INTG-EMG-LED-10W | <input type="checkbox"/> HH10-1577 Flanged Double Wall Wash | <input type="checkbox"/> SHZ-WH |
| | <input type="checkbox"/> 2000L | <input type="checkbox"/> LUT2W ^{1 4} | <input type="checkbox"/> 347 (DIM10 only) | <input type="checkbox"/> 35K | <input type="checkbox"/> INTG-EMG-LED-20W | | <input type="checkbox"/> SHZ-SHZ |
| | <input type="checkbox"/> 3000L | <input type="checkbox"/> LUTFB ⁵ | | <input type="checkbox"/> 40K | <input type="checkbox"/> EMG-LED-G2-10W-SDT* | | <input type="checkbox"/> WT-WH |
| | <input type="checkbox"/> 4000L | <input type="checkbox"/> ELDO10-.1 | | <input type="checkbox"/> 50K ⁴ | Typical lumen output of the luminaire is up to 1000L with EMG-LED-10W option & 2000L with EMG-LED-20W option in emergency mode. Contact the factory for details. Remote mounted installation * Consult Factory for Self Diagnostic | | <input type="checkbox"/> WH-WH |
| | <input type="checkbox"/> 6000L | <input type="checkbox"/> ELDODALI-.1 | | | | | <input type="checkbox"/> MB-WH |
| | <input type="checkbox"/> 8000L | <input type="checkbox"/> ELDODMX-.1 | | | | | <input type="checkbox"/> CL-BK |
| | | <input type="checkbox"/> BLE | | | | | <input type="checkbox"/> MB-BK |
| | | | | OPTICS | CRI | | TRIMLESS |
| | | | <input type="checkbox"/> VWD 70° | <input type="checkbox"/> 90+ | | <input type="checkbox"/> HH10-TL-1501 Trimless Downlight | |
| | | | <input type="checkbox"/> WD 60° | <input type="checkbox"/> 98+ ³ | | <input type="checkbox"/> HH10-TL-1507 Trimless Wall Wash | |
| | | | <input type="checkbox"/> MWD 52° | | | OPTIONS | |
| | | | <input type="checkbox"/> MD 36° | | | <input type="checkbox"/> INTG (Reflector shipped with pre-punched hole to accept INTG-EMG-LED) | |
| | | | <input type="checkbox"/> ND 30° | | | | |
| | | | <input type="checkbox"/> SPD 24° | | | | |
| | | | <input type="checkbox"/> NSPD 15° | | | | |

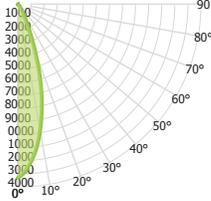
¹ DIMTR and LUT2W are available in 120V only ² 50K series are available with 85+ CRI only ³ 98+ CRI is available in 27K, 30K and 40K only

⁴ DIMTR and LUTH, LUT2W Available for luminaires up to 4000L ⁵ LUTFB Available for luminaires up to 1500L -Reference last page for Control Options

HH10-LED-4000L-DIM10-MVOLT-MD-40K-90-HH8-8501-CL-WH

INPUT WATTS: **40.8** LUMENS: **4760** EFFICACY: **117** BEAM ANGLE: **34** SPACING CRITERIA: **0.51**

CANDELA DISTRIBUTION



CANDELA TABLE

| | 0° | 90° |
|-----|-------|-------|
| 0° | 13289 | 13289 |
| 10° | 9799 | 9908 |
| 20° | 3837 | 3977 |
| 30° | 814 | 815 |
| 40° | 163 | 158 |
| 50° | 25 | 27 |
| 60° | 0 | 0 |
| 70° | 0 | 0 |
| 80° | 0 | 0 |
| 90° | 0 | 0 |

LUMINANCE (cd/sq.m)

| | 0.00° | 90.00° |
|--------|--------|--------|
| 0.00° | 284582 | 284582 |
| 45.00° | 2689 | 2571 |
| 55.00° | 150 | 165 |
| 65.00° | 60 | 60 |
| 75.00° | 36 | 36 |
| 85.00° | 17 | 17 |

LUMENS PER ZONE

| ZONE | LUMENS |
|-----------|--------|
| 0° - 10° | 1130 |
| 10° - 20° | 2104 |
| 20° - 30° | 1103 |
| 30° - 40° | 324 |
| 40° - 50° | 85 |
| 50° - 60° | 11 |
| 60° - 70° | 0 |
| 70° - 80° | 0 |
| 80° - 90° | 0 |

ZONAL LUMEN SUMMARY

| ZONE | UMENS | % LUMINAIRE |
|----------|-------|-------------|
| 0° - 20° | 3233 | 68% |
| 0° - 30° | 4337 | 91% |
| 0° - 40° | 4660 | 97% |
| 0° - 60° | 4756 | 100% |
| 0° - 80° | 4758 | 100% |
| 0° - 90° | 4758 | 100% |

CONE OF LIGHT

| MOUNTING HEIGHT | FC AT BEAM CENTER | BEAM DIA. 0°-180° | BEAM DIA. 90°-270° |
|-----------------|-------------------|-------------------|--------------------|
| 6.0 ft | 369.2 fc | 3.6 ft | 3.6 ft |
| 8.0 ft | 207.6 fc | 4.8 ft | 4.8 ft |
| 10.0 ft | 132.9 fc | 6.0 ft | 6.1 ft |
| 12.0 ft | 92.3 fc | 7.2 ft | 7.3 ft |
| 14.0 ft | 67.8 fc | 8.5 ft | 8.5 ft |
| 16.0 ft | 51.9 fc | 9.7 ft | 9.7 ft |
| 18.0 ft | 41.0 fc | 10.9 ft | 10.9 ft |
| 20.0 ft | 33.2 fc | 12.1 ft | 12.1 ft |

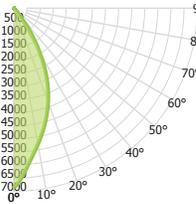
INDOOR COEFFICIENTS OF UTILIZATION

| pw | 20% | | | | | | | | | | 10% | | | | 0% | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 100 |
| 1 | 115 | 112 | 110 | 108 | 112 | 110 | 108 | 107 | 106 | 105 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 96 |
| 2 | 110 | 106 | 103 | 100 | 108 | 105 | 102 | 99 | 101 | 99 | 97 | 97 | 95 | 96 | 94 | 93 | 91 | 91 |
| 3 | 106 | 101 | 97 | 94 | 104 | 100 | 96 | 93 | 97 | 94 | 92 | 95 | 92 | 90 | 93 | 91 | 89 | 87 |
| 4 | 102 | 96 | 92 | 89 | 101 | 95 | 91 | 88 | 93 | 90 | 87 | 91 | 88 | 86 | 89 | 87 | 85 | 84 |
| 5 | 99 | 92 | 87 | 84 | 97 | 91 | 87 | 84 | 89 | 86 | 83 | 88 | 85 | 82 | 86 | 84 | 82 | 80 |
| 6 | 95 | 88 | 83 | 80 | 94 | 87 | 83 | 80 | 86 | 82 | 79 | 85 | 81 | 79 | 83 | 81 | 78 | 77 |
| 7 | 92 | 85 | 80 | 76 | 91 | 84 | 79 | 76 | 83 | 79 | 76 | 82 | 78 | 76 | 81 | 78 | 75 | 74 |
| 8 | 89 | 81 | 77 | 73 | 88 | 81 | 76 | 73 | 80 | 76 | 73 | 79 | 75 | 73 | 78 | 75 | 72 | 71 |
| 9 | 86 | 78 | 74 | 70 | 85 | 78 | 73 | 70 | 77 | 73 | 70 | 76 | 73 | 70 | 75 | 72 | 70 | 69 |
| 10 | 83 | 75 | 71 | 68 | 82 | 75 | 71 | 68 | 74 | 70 | 68 | 74 | 70 | 67 | 73 | 70 | 67 | 66 |

HH10-LED-4000L-DIM10-MVOLT-MWD-40K-90-HH8-8501-CL-WH

INPUT WATTS: **40.8** LUMENS: **4279** EFFICACY: **105** BEAM ANGLE: **47** SPACING CRITERIA: **0.67**

CANDELA DISTRIBUTION



CANDELA TABLE

| | 0° | 90° |
|-----|------|------|
| 0° | 6855 | 6855 |
| 10° | 5279 | 5214 |
| 20° | 3820 | 3782 |
| 30° | 1998 | 1953 |
| 40° | 256 | 240 |
| 50° | 24 | 29 |
| 60° | 0 | 0 |
| 70° | 0 | 0 |
| 80° | 0 | 0 |
| 90° | 0 | 0 |

LUMINANCE (cd/sq.m)

| | 0.00° | 90.00° |
|--------|--------|--------|
| 0.00° | 146785 | 146785 |
| 45.00° | 3367 | 3157 |
| 55.00° | 179 | 187 |
| 65.00° | 90 | 90 |
| 75.00° | 58 | 59 |
| 85.00° | 27 | 25 |

LUMENS PER ZONE

| ZONE | LUMENS |
|-----------|--------|
| 0° - 10° | 573 |
| 10° - 20° | 1326 |
| 20° - 30° | 1456 |
| 30° - 40° | 790 |
| 40° - 50° | 118 |
| 50° - 60° | 11 |
| 60° - 70° | 0 |
| 70° - 80° | 0 |
| 80° - 90° | 0 |

ZONAL LUMEN SUMMARY

| ZONE | UMENS | % LUMINAIRE |
|----------|-------|-------------|
| 0° - 20° | 1899 | 44% |
| 0° - 30° | 3355 | 78% |
| 0° - 40° | 4145 | 97% |
| 0° - 60° | 4274 | 100% |
| 0° - 80° | 4277 | 100% |
| 0° - 90° | 4277 | 100% |

CONE OF LIGHT

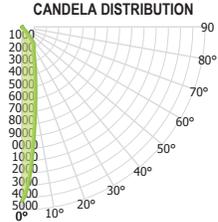
| MOUNTING HEIGHT | FC AT BEAM CENTER | BEAM DIA. 0°-180° | BEAM DIA. 90°-270° |
|-----------------|-------------------|-------------------|--------------------|
| 6.0 ft | 190.4 fc | 5.2 ft | 5.2 ft |
| 8.0 ft | 107.1 fc | 7.0 ft | 6.9 ft |
| 10.0 ft | 68.5 fc | 8.7 ft | 8.6 ft |
| 12.0 ft | 47.6 fc | 10.5 ft | 10.4 ft |
| 14.0 ft | 35.0 fc | 12.2 ft | 12.1 ft |
| 16.0 ft | 26.8 fc | 13.9 ft | 13.8 ft |
| 18.0 ft | 21.2 fc | 15.7 ft | 15.5 ft |
| 20.0 ft | 17.1 fc | 17.4 ft | 17.3 ft |

INDOOR COEFFICIENTS OF UTILIZATION

| pw | 20% | | | | | | | | | | 10% | | | | 0% | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 100 |
| 1 | 114 | 111 | 109 | 107 | 111 | 109 | 107 | 105 | 105 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 96 | 94 |
| 2 | 109 | 104 | 100 | 97 | 106 | 102 | 99 | 96 | 99 | 96 | 94 | 96 | 94 | 92 | 94 | 92 | 90 | 88 |
| 3 | 104 | 98 | 93 | 89 | 102 | 96 | 92 | 89 | 94 | 90 | 87 | 91 | 88 | 86 | 89 | 87 | 85 | 83 |
| 4 | 99 | 92 | 87 | 83 | 97 | 91 | 86 | 82 | 89 | 85 | 81 | 87 | 83 | 80 | 85 | 82 | 79 | 78 |
| 5 | 94 | 87 | 81 | 77 | 93 | 86 | 81 | 77 | 84 | 79 | 76 | 82 | 78 | 75 | 81 | 77 | 75 | 73 |
| 6 | 90 | 82 | 76 | 72 | 89 | 81 | 76 | 72 | 79 | 75 | 71 | 78 | 74 | 71 | 77 | 73 | 70 | 69 |
| 7 | 86 | 77 | 72 | 68 | 85 | 77 | 71 | 67 | 75 | 71 | 67 | 74 | 70 | 67 | 73 | 69 | 66 | 65 |
| 8 | 82 | 73 | 68 | 64 | 81 | 73 | 67 | 64 | 72 | 67 | 63 | 71 | 66 | 63 | 70 | 66 | 63 | 62 |
| 9 | 78 | 69 | 64 | 60 | 77 | 69 | 64 | 60 | 68 | 63 | 60 | 67 | 63 | 60 | 66 | 62 | 59 | 58 |
| 10 | 75 | 66 | 61 | 57 | 74 | 66 | 60 | 57 | 65 | 60 | 57 | 64 | 60 | 57 | 63 | 59 | 56 | 55 |

HH10-LED-4000L-DIM10-MVOLT-NSPD-40K-90-HH8-8501-CL-WH

INPUT WATTS: **41.1** LUMENS: **4623** EFFICACY: **112** BEAM ANGLE: **19** SPACING CRITERIA: **0.29 x 0.29**



| | 0° | 90° |
|-----|-------|-------|
| 0° | 14248 | 14248 |
| 10° | 6340 | 6305 |
| 20° | 3009 | 3005 |
| 30° | 1923 | 1912 |
| 40° | 348 | 404 |
| 50° | 63 | 65 |
| 60° | 0 | 0 |
| 70° | 0 | 0 |
| 80° | 0 | 0 |
| 90° | 0 | 0 |

| | 0.00° | 90.00° |
|--------|--------|--------|
| 0.00° | 305111 | 305111 |
| 45.00° | 3804 | 3776 |
| 55.00° | 817 | 895 |
| 65.00° | 268 | 263 |
| 75.00° | 146 | 145 |
| 85.00° | 52 | 34 |

| ZONE | LUMENS |
|-----------|--------|
| 0° - 10° | 954 |
| 10° - 20° | 1336 |
| 20° - 30° | 1148 |
| 30° - 40° | 978 |
| 40° - 50° | 165 |
| 50° - 60° | 31 |
| 60° - 70° | 0 |
| 70° - 80° | 0 |
| 80° - 90° | 0 |

| ZONE | UMENS | % LUMINAIRE |
|----------|-------|-------------|
| 0° - 20° | 2291 | 50% |
| 0° - 30° | 3438 | 74% |
| 0° - 40° | 4416 | 98% |
| 0° - 60° | 4612 | 100% |
| 0° - 80° | 4620 | 100% |
| 0° - 90° | 4621 | 100% |

CONE OF LIGHT

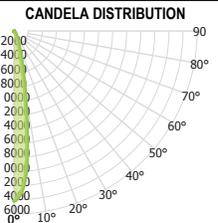
| MOUNTING HEIGHT | FC AT BEAM CENTER | BEAM DIA. 0°-180° | BEAM DIA. 90°-270° |
|-----------------|-------------------|-------------------|--------------------|
| 6.0 ft | 395.8 fc | 2.0 ft | 2.1 ft |
| 8.0 ft | 222.6 fc | 2.7 ft | 2.7 ft |
| 10.0 ft | 142.5 fc | 3.4 ft | 3.4 ft |
| 12.0 ft | 98.9 fc | 4.1 ft | 4.1 ft |
| 14.0 ft | 72.7 fc | 4.7 ft | 4.8 ft |
| 16.0 ft | 55.7 fc | 5.4 ft | 5.5 ft |
| 18.0 ft | 44.0 fc | 6.1 ft | 6.2 ft |
| 20.0 ft | 35.6 fc | 6.8 ft | 6.9 ft |

INDOOR COEFFICIENTS OF UTILIZATION

| pf | pc | 20% | | | | | | | | | | | | | | | | 0% | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 80% | | | | 70% | | | | 50% | | | | 30% | | | | | 10% | | |
| pw | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 100 | 100 | 100 |
| 1 | 114 | 111 | 109 | 107 | 111 | 109 | 107 | 105 | 105 | 104 | 102 | 101 | 100 | 99 | 98 | 97 | 96 | 94 | 94 | 94 | 89 |
| 2 | 109 | 104 | 101 | 98 | 107 | 103 | 99 | 97 | 99 | 97 | 94 | 97 | 94 | 92 | 94 | 92 | 90 | 89 | 89 | 89 | 89 |
| 3 | 104 | 98 | 94 | 90 | 102 | 97 | 93 | 89 | 94 | 91 | 88 | 92 | 89 | 86 | 90 | 87 | 85 | 84 | 84 | 84 | 84 |
| 4 | 99 | 93 | 87 | 84 | 98 | 91 | 87 | 83 | 89 | 85 | 82 | 87 | 84 | 81 | 86 | 83 | 80 | 79 | 79 | 79 | 79 |
| 5 | 95 | 87 | 82 | 78 | 93 | 86 | 82 | 78 | 85 | 80 | 77 | 83 | 79 | 76 | 82 | 78 | 76 | 74 | 74 | 74 | 74 |
| 6 | 91 | 83 | 77 | 73 | 89 | 82 | 77 | 73 | 81 | 76 | 73 | 79 | 75 | 72 | 78 | 74 | 72 | 70 | 70 | 70 | 70 |
| 7 | 87 | 79 | 73 | 69 | 86 | 78 | 73 | 69 | 77 | 72 | 69 | 76 | 71 | 68 | 75 | 71 | 68 | 67 | 67 | 67 | 67 |
| 8 | 83 | 75 | 69 | 66 | 82 | 74 | 69 | 65 | 73 | 69 | 65 | 72 | 68 | 65 | 71 | 68 | 65 | 63 | 63 | 63 | 63 |
| 9 | 80 | 71 | 66 | 62 | 79 | 71 | 66 | 62 | 70 | 65 | 62 | 69 | 65 | 62 | 68 | 64 | 62 | 60 | 60 | 60 | 60 |
| 10 | 77 | 68 | 63 | 59 | 76 | 68 | 63 | 59 | 67 | 62 | 59 | 66 | 62 | 59 | 66 | 62 | 59 | 58 | 58 | 58 | 58 |

HH10-LED-4000L-DIM10-MVOLT-SPD-40K-90-HH8-8501-CL-WH

INPUT WATTS: **41.0** LUMENS: **4184** EFFICACY: **102** BEAM ANGLE: **25** SPACING CRITERIA: **0.28**



| | 0° | 90° |
|-----|-------|-------|
| 0° | 24139 | 24139 |
| 10° | 9150 | 9564 |
| 20° | 1889 | 1962 |
| 30° | 638 | 664 |
| 40° | 148 | 155 |
| 50° | 24 | 27 |
| 60° | 0 | 0 |
| 70° | 0 | 0 |
| 80° | 0 | 0 |
| 90° | 0 | 0 |

| | 0.00° | 90.00° |
|--------|--------|--------|
| 0.00° | 516915 | 516915 |
| 45.00° | 2241 | 2201 |
| 55.00° | 145 | 152 |
| 65.00° | 52 | 52 |
| 75.00° | 31 | 31 |
| 85.00° | 17 | 15 |

| ZONE | LUMENS |
|-----------|--------|
| 0° - 10° | 1746 |
| 10° - 20° | 1484 |
| 20° - 30° | 592 |
| 30° - 40° | 275 |
| 40° - 50° | 74 |
| 50° - 60° | 10 |
| 60° - 70° | 0 |
| 70° - 80° | 0 |
| 80° - 90° | 0 |

| ZONE | UMENS | % LUMINAIRE |
|----------|-------|-------------|
| 0° - 10° | 3230 | 77% |
| 0° - 30° | 3822 | 91% |
| 0° - 40° | 4097 | 98% |
| 0° - 60° | 4180 | 100% |
| 0° - 80° | 4182 | 100% |
| 0° - 90° | 4182 | 100% |

CONE OF LIGHT

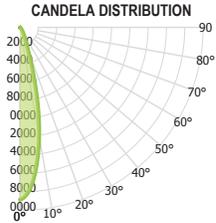
| MOUNTING HEIGHT | FC AT BEAM CENTER | BEAM DIA. 0°-180° | BEAM DIA. 90°-270° |
|-----------------|-------------------|-------------------|--------------------|
| 6.0 ft | 670.5 fc | 2.1 ft | 2.1 ft |
| 8.0 ft | 377.2 fc | 2.8 ft | 2.8 ft |
| 10.0 ft | 241.4 fc | 3.4 ft | 3.4 ft |
| 12.0 ft | 167.6 fc | 4.1 ft | 4.1 ft |
| 14.0 ft | 123.2 fc | 4.8 ft | 4.8 ft |
| 16.0 ft | 94.3 fc | 5.5 ft | 5.5 ft |
| 18.0 ft | 74.5 fc | 6.2 ft | 6.2 ft |
| 20.0 ft | 60.3 fc | 6.9 ft | 6.9 ft |

INDOOR COEFFICIENTS OF UTILIZATION

| pf | pc | 20% | | | | | | | | | | | | | | | | 0% | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 80% | | | | 70% | | | | 50% | | | | 30% | | | | | 10% | | |
| pw | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 100 | 100 | 100 |
| 1 | 115 | 113 | 111 | 109 | 113 | 111 | 109 | 107 | 107 | 105 | 104 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 96 | 95 | 93 |
| 2 | 111 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 103 | 101 | 99 | 100 | 98 | 97 | 96 | 95 | 93 | 92 | 90 | 89 | 87 |
| 3 | 108 | 103 | 99 | 97 | 106 | 102 | 98 | 96 | 99 | 97 | 94 | 97 | 95 | 93 | 95 | 93 | 92 | 90 | 89 | 87 | 87 |
| 4 | 104 | 99 | 95 | 92 | 103 | 98 | 94 | 92 | 96 | 93 | 91 | 94 | 92 | 90 | 92 | 90 | 89 | 87 | 85 | 84 | 84 |
| 5 | 101 | 95 | 91 | 88 | 100 | 95 | 91 | 88 | 93 | 90 | 87 | 92 | 89 | 87 | 90 | 88 | 86 | 85 | 83 | 82 | 82 |
| 6 | 98 | 92 | 88 | 85 | 97 | 92 | 88 | 85 | 90 | 87 | 84 | 89 | 86 | 84 | 88 | 85 | 83 | 82 | 80 | 79 | 79 |
| 7 | 96 | 89 | 85 | 82 | 95 | 89 | 85 | 82 | 88 | 84 | 82 | 87 | 84 | 81 | 86 | 83 | 81 | 80 | 78 | 77 | 77 |
| 8 | 93 | 87 | 83 | 80 | 92 | 86 | 82 | 80 | 85 | 82 | 79 | 84 | 81 | 79 | 84 | 81 | 79 | 78 | 76 | 75 | 75 |
| 9 | 91 | 84 | 80 | 78 | 90 | 84 | 80 | 77 | 83 | 80 | 77 | 82 | 79 | 77 | 82 | 79 | 77 | 76 | 74 | 73 | 73 |
| 10 | 89 | 82 | 78 | 76 | 88 | 82 | 78 | 75 | 81 | 78 | 75 | 80 | 77 | 75 | 80 | 77 | 75 | 74 | 72 | 71 | 71 |

HH10-LED-4000L-DIM10-MVOLT-ND-40K-90-HH8-8501-CL-WH

INPUT WATTS: **40.9** LUMENS: **4793** EFFICACY: **117** BEAM ANGLE: **30** SPACING CRITERIA: **0.42**



| CANDELA TABLE | |
|---------------|-------|
| 0° | 90° |
| 0° | 18830 |
| 10° | 12053 |
| 20° | 2468 |
| 30° | 746 |
| 40° | 175 |
| 50° | 28 |
| 60° | 0 |
| 70° | 0 |
| 80° | 0 |
| 90° | 0 |

| LUMINANCE (cd/sq.m) | | |
|---------------------|--------|--------|
| | 0.00° | 90.00° |
| 0.00° | 403217 | 403217 |
| 45.00° | 2805 | 2737 |
| 55.00° | 166 | 172 |
| 65.00° | 63 | 63 |
| 75.00° | 37 | 38 |
| 85.00° | 20 | 17 |

| LUMENS PER ZONE | |
|-----------------|--------|
| ZONE | LUMENS |
| 0° - 10° | 1530 |
| 10° - 20° | 2101 |
| 20° - 30° | 739 |
| 30° - 40° | 317 |
| 40° - 50° | 90 |
| 50° - 60° | 11 |
| 60° - 70° | 0 |
| 70° - 80° | 0 |
| 80° - 90° | 0 |

| ZONAL LUMEN SUMMARY | | |
|---------------------|-------|-------------|
| ZONE | UMENS | % LUMINAIRE |
| 0° - 20° | 3631 | 76% |
| 0° - 30° | 4370 | 91% |
| 0° - 40° | 4687 | 98% |
| 0° - 60° | 4788 | 100% |
| 0° - 80° | 4790 | 100% |
| 0° - 90° | 4790 | 100% |

CONE OF LIGHT

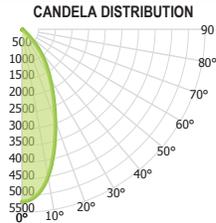
| MOUNTING HEIGHT | FC AT BEAM CENTER | BEAM DIA. 0°-180° | BEAM DIA. 90°-270° |
|-----------------|-------------------|-------------------|--------------------|
| 6.0 ft | 523.0 fc | 2.9 ft | 2.9 ft |
| 8.0 ft | 294.2 fc | 3.9 ft | 3.8 ft |
| 10.0 ft | 188.3 fc | 4.9 ft | 4.8 ft |
| 12.0 ft | 130.8 fc | 5.8 ft | 5.8 ft |
| 14.0 ft | 96.1 fc | 6.8 ft | 6.7 ft |
| 16.0 ft | 73.6 fc | 7.8 ft | 7.7 ft |
| 18.0 ft | 58.1 fc | 8.8 ft | 8.7 ft |
| 20.0 ft | 47.1 fc | 9.7 ft | 9.6 ft |

INDOOR COEFFICIENTS OF UTILIZATION

| pf | pc | 20% | | | | | | | | | | | | | | | | 0% |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| | | 80% | | | | 70% | | | | 50% | | | | 30% | | | | |
| pw | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% |
| | | | | | | | | | | | | | | | | | | |
| 1 | 115 | 113 | 111 | 109 | 112 | 110 | 109 | 107 | 106 | 105 | 104 | 103 | 102 | 101 | 99 | 99 | 98 | 96 |
| 2 | 111 | 107 | 104 | 101 | 109 | 105 | 103 | 100 | 102 | 100 | 98 | 98 | 98 | 98 | 96 | 97 | 95 | 94 |
| 3 | 107 | 102 | 98 | 95 | 105 | 101 | 97 | 95 | 98 | 95 | 93 | 96 | 94 | 92 | 94 | 92 | 90 | 89 |
| 4 | 103 | 98 | 94 | 91 | 102 | 97 | 93 | 90 | 95 | 92 | 89 | 93 | 90 | 88 | 91 | 89 | 87 | 86 |
| 5 | 100 | 94 | 90 | 86 | 99 | 93 | 89 | 86 | 91 | 88 | 85 | 90 | 87 | 85 | 89 | 86 | 84 | 83 |
| 6 | 97 | 90 | 86 | 83 | 96 | 90 | 86 | 83 | 88 | 85 | 82 | 87 | 84 | 82 | 86 | 83 | 81 | 80 |
| 7 | 94 | 87 | 83 | 80 | 93 | 87 | 83 | 80 | 86 | 82 | 79 | 84 | 81 | 79 | 83 | 81 | 78 | 77 |
| 8 | 91 | 84 | 80 | 77 | 90 | 84 | 80 | 77 | 83 | 79 | 77 | 82 | 79 | 76 | 81 | 78 | 76 | 75 |
| 9 | 89 | 82 | 77 | 74 | 88 | 81 | 77 | 74 | 80 | 77 | 74 | 80 | 76 | 74 | 79 | 76 | 74 | 73 |
| 10 | 86 | 79 | 75 | 72 | 85 | 79 | 75 | 72 | 78 | 74 | 72 | 77 | 74 | 72 | 77 | 74 | 72 | 71 |

HH10-LED-4000L-DIM10-MVOLT-VWD-40K-90-HH8-8501-CL-WH

INPUT WATTS: **41.0** LUMENS: **3990** EFFICACY: **97** BEAM ANGLE: **70** SPACING CRITERIA: **0.69 x 0.69**



| CANDELA TABLE | |
|---------------|------|
| 0° | 90° |
| 0° | 5182 |
| 10° | 4498 |
| 20° | 2922 |
| 30° | 1670 |
| 40° | 807 |
| 50° | 126 |
| 60° | 0 |
| 70° | 0 |
| 80° | 0 |
| 90° | 0 |

| LUMINANCE (cd/sq.m) | | |
|---------------------|--------|--------|
| | 0.00° | 90.00° |
| 0.00° | 110978 | 110978 |
| 45.00° | 11801 | 13149 |
| 55.00° | 740 | 1065 |
| 65.00° | 261 | 262 |
| 75.00° | 139 | 141 |
| 85.00° | 54 | 44 |

| LUMENS PER ZONE | |
|-----------------|--------|
| ZONE | LUMENS |
| 0° - 10° | 470 |
| 10° - 20° | 1090 |
| 20° - 30° | 1120 |
| 30° - 40° | 851 |
| 40° - 50° | 398 |
| 50° - 60° | 50 |
| 60° - 70° | 0 |
| 70° - 80° | 0 |
| 80° - 90° | 0 |

| ZONAL LUMEN SUMMARY | | |
|---------------------|-------|-------------|
| ZONE | UMENS | % LUMINAIRE |
| 0° - 20° | 1560 | 39% |
| 0° - 30° | 2681 | 67% |
| 0° - 40° | 3532 | 89% |
| 0° - 60° | 3979 | 100% |
| 0° - 80° | 3988 | 100% |
| 0° - 90° | 3988 | 100% |

CONE OF LIGHT

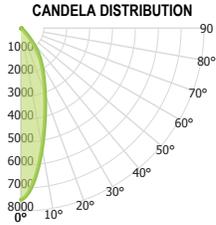
| MOUNTING HEIGHT | FC AT BEAM CENTER | BEAM DIA. 0°-180° | BEAM DIA. 90°-270° |
|-----------------|-------------------|-------------------|--------------------|
| 6.0 ft | 144.0 fc | 5.3 ft | 5.3 ft |
| 8.0 ft | 81.0 fc | 7.1 ft | 7.1 ft |
| 10.0 ft | 51.8 fc | 8.8 ft | 8.8 ft |
| 12.0 ft | 36.0 fc | 10.6 ft | 10.6 ft |
| 14.0 ft | 26.4 fc | 12.4 ft | 12.3 ft |
| 16.0 ft | 20.2 fc | 14.1 ft | 14.1 ft |
| 18.0 ft | 16.0 fc | 15.9 ft | 15.9 ft |
| 20.0 ft | 13.0 fc | 17.7 ft | 17.6 ft |

INDOOR COEFFICIENTS OF UTILIZATION

| pf | pc | 20% | | | | | | | | | | | | | | | | 0% |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| | | 80% | | | | 70% | | | | 50% | | | | 30% | | | | |
| pw | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% |
| | | | | | | | | | | | | | | | | | | |
| 1 | 113 | 111 | 108 | 106 | 111 | 108 | 106 | 104 | 103 | 101 | 101 | 99 | 98 | 97 | 96 | 95 | 93 | 93 |
| 2 | 108 | 103 | 99 | 95 | 106 | 101 | 97 | 94 | 98 | 95 | 92 | 95 | 92 | 90 | 92 | 90 | 88 | 87 |
| 3 | 102 | 96 | 91 | 87 | 100 | 94 | 90 | 86 | 92 | 88 | 85 | 89 | 86 | 83 | 87 | 84 | 82 | 80 |
| 4 | 97 | 89 | 84 | 79 | 95 | 88 | 83 | 79 | 86 | 82 | 78 | 84 | 80 | 77 | 82 | 79 | 76 | 75 |
| 5 | 92 | 83 | 78 | 73 | 90 | 83 | 77 | 73 | 81 | 76 | 72 | 79 | 75 | 72 | 77 | 74 | 71 | 69 |
| 6 | 87 | 78 | 72 | 68 | 86 | 77 | 72 | 68 | 76 | 71 | 67 | 75 | 70 | 67 | 73 | 69 | 66 | 65 |
| 7 | 83 | 73 | 67 | 63 | 82 | 73 | 67 | 63 | 72 | 66 | 63 | 70 | 66 | 62 | 69 | 65 | 62 | 61 |
| 8 | 79 | 69 | 63 | 59 | 78 | 69 | 63 | 59 | 68 | 62 | 59 | 66 | 62 | 58 | 66 | 61 | 58 | 57 |
| 9 | 75 | 65 | 59 | 55 | 74 | 65 | 59 | 55 | 64 | 59 | 55 | 63 | 58 | 55 | 62 | 58 | 55 | 53 |
| 10 | 72 | 62 | 56 | 52 | 71 | 61 | 56 | 52 | 61 | 55 | 52 | 60 | 55 | 52 | 59 | 55 | 52 | 50 |

HH10-LED-4000L-DIM10-MVOLT-WD-40K-90-HH8-8501-CL-WH

INPUT WATTS: **40.9** LUMENS: **4241** EFFICACY: **104** BEAM ANGLE: **55** SPACING CRITERIA: **0.52**



| | 0° | 90° |
|-----|------|------|
| 0° | 7501 | 7501 |
| 10° | 5307 | 5235 |
| 20° | 3071 | 3055 |
| 30° | 1786 | 1785 |
| 40° | 702 | 725 |
| 50° | 100 | 102 |
| 60° | 8 | 8 |
| 70° | 0 | 0 |
| 80° | 0 | 0 |
| 90° | 0 | 0 |

| | 0.00° | 90.00° |
|--------|--------|--------|
| 0.00° | 160631 | 160631 |
| 45.00° | 8282 | 9142 |
| 55.00° | 763 | 936 |
| 65.00° | 261 | 262 |
| 75.00° | 139 | 143 |
| 85.00° | 49 | 44 |

| ZONE | LUMENS |
|-----------|--------|
| 0° - 10° | 620 |
| 10° - 20° | 1211 |
| 20° - 30° | 1168 |
| 30° - 40° | 878 |
| 40° - 50° | 313 |
| 50° - 60° | 41 |
| 60° - 70° | 0 |
| 70° - 80° | 0 |
| 80° - 90° | 0 |

| ZONE | UMENS | % LUMINAIRE |
|----------|-------|-------------|
| 0° - 20° | 1831 | 43% |
| 0° - 30° | 2999 | 71% |
| 0° - 40° | 3877 | 91% |
| 0° - 60° | 4230 | 100% |
| 0° - 80° | 4238 | 100% |
| 0° - 90° | 4239 | 100% |

CONE OF LIGHT

| MOUNTING HEIGHT | FC AT BEAM CENTER | BEAM DIA. 0°-180° | BEAM DIA. 90°-270° |
|-----------------|-------------------|-------------------|--------------------|
| 6.0 ft | 208.4 fc | 3.8 ft | 3.8 ft |
| 8.0 ft | 117.2 fc | 5.0 ft | 5.1 ft |
| 10.0 ft | 75.0 fc | 6.3 ft | 6.3 ft |
| 12.0 ft | 52.1 fc | 7.5 ft | 7.6 ft |
| 14.0 ft | 38.3 fc | 8.8 ft | 8.8 ft |
| 16.0 ft | 29.3 fc | 10.1 ft | 10.1 ft |
| 18.0 ft | 23.2 fc | 11.3 ft | 11.4 ft |
| 20.0 ft | 18.8 fc | 12.6 ft | 12.6 ft |



INDOOR COEFFICIENTS OF UTILIZATION

| pw | 20% | | | | | | | | | | | | | | | | 0% | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | | 10% |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 114 | 111 | 109 | 106 | 111 | 109 | 107 | 105 | 105 | 103 | 101 | 101 | 100 | 98 | 98 | 97 | 96 | 94 |
| 2 | 108 | 103 | 100 | 96 | 106 | 102 | 98 | 95 | 99 | 96 | 93 | 96 | 93 | 91 | 93 | 91 | 89 | 88 |
| 3 | 103 | 97 | 92 | 88 | 101 | 95 | 91 | 87 | 93 | 89 | 86 | 90 | 87 | 85 | 88 | 85 | 83 | 82 |
| 4 | 98 | 91 | 85 | 81 | 96 | 89 | 84 | 81 | 87 | 83 | 80 | 85 | 82 | 79 | 83 | 80 | 78 | 76 |
| 5 | 93 | 85 | 79 | 75 | 92 | 84 | 79 | 75 | 82 | 78 | 74 | 81 | 77 | 74 | 79 | 76 | 73 | 71 |
| 6 | 89 | 80 | 74 | 70 | 87 | 79 | 74 | 70 | 78 | 73 | 69 | 76 | 72 | 69 | 75 | 71 | 68 | 67 |
| 7 | 84 | 75 | 70 | 66 | 83 | 75 | 69 | 65 | 74 | 69 | 65 | 72 | 68 | 65 | 71 | 67 | 64 | 63 |
| 8 | 81 | 71 | 66 | 62 | 79 | 71 | 65 | 61 | 70 | 65 | 61 | 69 | 64 | 61 | 68 | 64 | 61 | 59 |
| 9 | 77 | 68 | 62 | 58 | 76 | 67 | 62 | 58 | 66 | 61 | 58 | 65 | 61 | 58 | 65 | 60 | 57 | 56 |
| 10 | 74 | 64 | 59 | 55 | 73 | 64 | 58 | 55 | 63 | 58 | 55 | 62 | 58 | 54 | 62 | 57 | 54 | 53 |

- 1- Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated control systems
- 2- Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control. Luminaires will be ready to be integrated with designated control systems
- 3- Luminaire will be shipped with Sensors to be remotely installed on the ceiling. Luminaires will be ready to be integrated with designated control systems

| BRAND | EASYFIT by EnOcean | LUTRON | enlighted | LEVITON | OSRAM | PHILIPS EasySense | legrand® |
|--|--|---|---|--|---|--|---|
| CONTROL UNIT | <input type="checkbox"/> LEDRU LED Relay Zone Controller 0-10V ¹ <input type="checkbox"/> LEDDU LED Zone Controller 0-10V ¹ | <input type="checkbox"/> FCJS-010 Lutron Vive 0-10V Individual Pow Pak (Luminaire is shipped Vive Enabled) ¹⁴ <input type="checkbox"/> A-WN-D01-RF-WH Athena wireless node (RF only) | <input type="checkbox"/> CU-4E-FMH Fixture Mount Control Unit ¹⁵ | <input type="checkbox"/> ZL027 –NOW Intellect Power Control Module ¹⁶ <input type="checkbox"/> ZL027 –NOW Intellect Power Control Module ¹⁶ | <input type="checkbox"/> EN-WCM2-ZB-DR Wireless Control Module ¹⁷ <input type="checkbox"/> EN- ALC-ZB-BK-DR Wireless Area Lighting Control Module ¹⁷ <input type="checkbox"/> ZBHA-CLM-DIM-ENC Connected Lighting Module DIM ¹⁷ | <input type="checkbox"/> SBR -BS Xitanium SR Bridge ¹⁸ | <input type="checkbox"/> LMFC-011 ON/OFF/0-10V dimming fixture controller ¹⁹ |
| INTEGRAT SENSOR | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| *WIRELESS OCCUPANCY SENSOR | <input type="checkbox"/> EOSCU-W-E0 Occupancy Sensor - Ceiling Mounted (Must be specified with LEDRU or LEDDU control unit) ³ | N/A | N/A | N/A | N/A | N/A | <input type="checkbox"/> LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor ³ |
| *WIRELESS DAYLIGHT SENSOR | <input type="checkbox"/> ELLSU-W-E0 Light Level Sensor - Ceiling Mounted (Must be specified with LEDRU or LEDDU control unit) ³ | N/A | N/A | N/A | N/A | N/A | <input type="checkbox"/> LMLS-400 Single zone switching and dimming digital photosensor ³ |
| *WIRELESS OCCUPANCY & DAYLIGHT SENSOR | N/A | N/A | <input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor ³ <input type="checkbox"/> SU-5E-CL Connected Lighting Micro Sensor ³ <input type="checkbox"/> SU-5E-IL Independent Lighting / Enlighted One Micro Sensor ³ <input type="checkbox"/> SU-5S-H-(IoT/CL/IL) Surface Mount Sensor ³ (Must be specified with CU- 4E-FMH Control Unit) | <input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System ³ (Must be specified with ZL027 –NOW Control Unit) | <input type="checkbox"/> EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor <input type="checkbox"/> EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³ (Must be specified with EN-WCM2-ZB-DR or EN- ALC-ZB-BK-DR Control Unit) | <input type="checkbox"/> SNS200- CMP SNS200 for grouping ³ | N/A |
| ACCESSORIES | N/A | N/A | <input type="checkbox"/> TMC-SU-5E Tile Mount Carrier <input type="checkbox"/> CBL-5E-CU4-30N 30 inch Sensor Cable for CU-4 and IoT Ready™ drivers <input type="checkbox"/> CBL-5E-CU4-7F 7 foot Sensor Cable for CU-4 and IoT Ready™ drivers | N/A | N/A | N/A | N/A |
| NOTES | N/A | 4- Luminaire will be compatible with Lutron LRF2-OCR2B-P-WH Ceiling mount 360° occupancy/vacancy sensor & LRF2-DCRB-WH Ceiling-mount daylight sensor. Sensors must be ordered through Lutron. | 5- Luminaire will be compatible with ENLIGHTED SU-5E-IoT, SU-5E-CL, SU-5E-IL, SU-5S-H, Sensors. | 6-Luminaire will be compatible with Leviton Intellect App & Keypad Room Controller | 7-Luminaire will be compatible with EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors | 8-Luminaire will be compatible with Philips field and wireless switch. | 9-Luminaire will be compatible with DLM Room control system LMPB-100. DLM control system must be order through Legrand. |