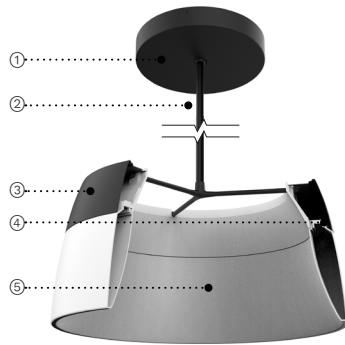**PROJECT NAME:**   **QUANTITY:**   **TYPE:**

ORDERING CODE:

① Heavy duty 30° hang straight swivel, with Ø15" (381mm) canopy and mounting plate.

② Field adjustable suspension stem or silver braided power cable with aircraft safety cable.

③ Spun aluminum housing.

④ Curved LED array.

⑤ **HC2800:** Semi opaque double layer polyethylene lens.
HC2805: Aluminum reflector. Includes an acrylic diffuser disk to eliminate glare from the LED boards.
Inner surface: Specular anodized
Exterior surface: Satin anodized natural aluminum. Exterior of aluminum reflector can be painted to match housing finish (option RP).

All stainless steel hardware

HC2800

HC2805

MATERIALS

Hollowcore is made of an aluminum housing which houses integral drivers, and a die-cast aluminum heat sink which supports the LED engine and shade as well as dissipates heat. Hollowcore is available with a choice of polyethylene lens or aluminium anodized reflector. Hollowcore comes with an array of 4 curved LED boards for the downlight as well as an optional array of 4 curved boards for the uplight. The uplight boards are mounted onto the aluminum housing, with a clear top cover to protect the LEDs from dust and debris.

ELECTRICAL DRIVER

120V/277V driver is 0-10V dimming-ready (min. dim to 1%) with 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -20°C/-4°F to +50°C/122°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery. 347V driver is 0-10V dimming ready (min. dim to 10%) with operating temperature range of -20°C/-4°F to +50°C/122°F, over current and output short circuit protection.

LED LIGHT ENGINE

Offered in 2700K, 3000K, 3500K & 4000K / 80CRI.
70% LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21.

FINISH

Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in dry and damp locations. Rated IP22. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual performance may differ as a result of end-user environment and application.
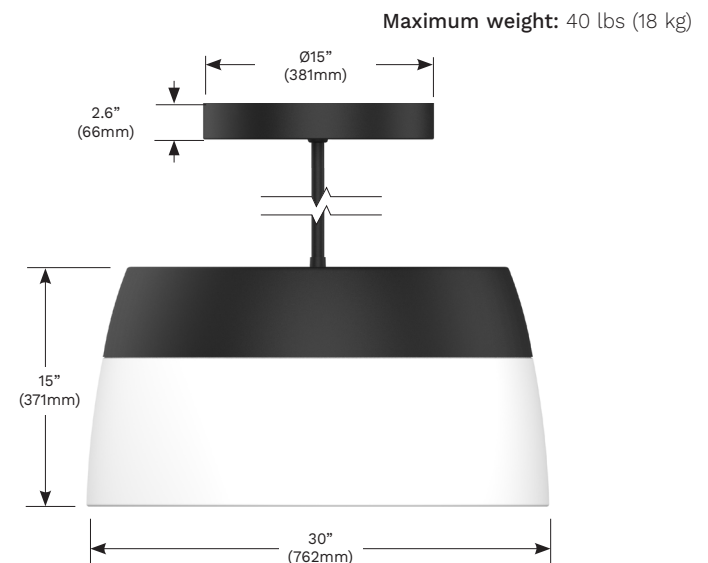
WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: https://www.acuitybrands.com/support/warranty/terms-and-conditions

MOUNTING

The mounting bracket is installed to 13.25" (337mm) C/C mounting holes.

MEASUREMENTS

Maximum weight: 40 lbs (18 kg)

Ø15" (381mm)
2.6" (66mm)
15" (371mm)
30" (762mm)

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HC2800/HC2805
Rev. 04/29/25

ORDERING CODE

*SERIES	*LIGHT OUTPUT	*CCT	*VOLTAGE	ADDITIONAL UPLIGHT
HC2800	**Static White**			**Static White**
	L4L30 3037 lm / 23w	**27K** 2700K	**120** 120V	**UL4L20** 2029 lm / 12W
	L4L75 7558 lm / 59w	**30K** 3000K	**277** 277V	**UL4L50** 5096 lm / 33W
	L4L125 12509 lm / 104w	**35K** 3500K	**347** 347V[4]	**UL4L78** 7805 lm / 55W
	L4L170 17129 lm / 150w	**40K** 4000K	**MVOLT** 120V-277V	
	L4L220 22508 lm / 209w	**WDIM** 2700K-5000K		**Warm Dimming**
		TUWH 2700K-5000K		**UL4LDW** 6435 lm / 57W[1,2]
	Warm Dimming			
	L4LDW 10753 lm / 114w[1,2]			**Tunable White**
				UL4LWT 6435 lm / 57W[1,3]
	Tunable White			
	L4LWT 10753 lm / 114w[1,3]			
	Delivered lumens calculated at 4000K/80CRI for static white. Typical power consumption. Refer to LCF table for outputs at other CCTs. Delivered lumens calculated at 5000K/80CRI for warm dimming and tunable white.			

*MOUNTING	*SUSPENSION LENGTH	MOUNTING ACCESSORY	CONTROLS	LENS/DIFFUSER
SPG Silver braided power cord with aircraft cable[5]	**12IN** 12"	**STC** Set of 3 stabilizer cables[6]	**DMX** DMX/RDM dim to dark 0%[7]	**FDC** Frosted dust cover for optional uplight LED[10]
	24IN 24"		**NLTAIR2** nLight AIR 2.0 control embedded in canopy with black antenna[8,9]	
STM Field-cuttable hang straight stem	**36IN** 36"			
	48IN 48"			
	60IN 60"			
	Available up to 240" in 12" increments.			

FUSE	MOTION SENSOR	DUAL SWITCHING	EMERGENCY	*FINISH			
FS Fuse	**MS** PIR motion sensor[11]	**DS** Dual circuit switching	**EMC10** 10W integral emergency battery, 90 min. Within oversized ceiling canopy.[8,12,13]	**BKT** Jet black		**CMC** Custom matched color[15]	
				BZT Bronze		**RAL** RAL color[16]	
			REM7 Remote emergency battery, 90 min, 7W[8,13,14]	**CHT** Champagne			
				DGT Gun metal			
				GRT Titanium gray			
				MST Matte silver			
		Required field when Additional Uplight is selected.		**SGT** Steel gray			
				WHT Snow white			

NOTES
*- Denotes a required field
1- If downlight has different LED light (White/Tunable White/Warm Dimming) than uplight, it will be controlled with DS.
2- Available only with WDIM.
3- Available only with TUWH.
4- Not available with Tunable White, Warm Dimming, EMC10, REM7, DS and DMX.
5- Not available in 12IN or 24IN suspension lengths.
6- Available only with STM.
7- Not available with HC2800-L4L220, HC2805-L4L170, REM7, EMC10, Tunable White, Warm Dimming and nLight. Default dimming curve is Logarithmic. Factory set to address one unless otherwise specified. Refer to DMX Reference Guide available on website. In Ø15" ceiling canopy with STM or DSPG. Maximum length for STM is 36".
8- 120V or 277V only.

9- Not available with with MS, Tunable White, Warm Dimming, EMC10, REM7 and DMX. Installed in Ø15" canopy with STM/SPG. Refer to the mounting images for more details.
10- Lumen conversion factor (LCF) 0.8. Available only if additional uplight is selected.
11- 360° PIR motion sensor. If the fixture is mounted at 9ft above the floor, the coverage area that the motion sensor detects is a diameter of 12 ft. Not available with additional light, EMC10, REM7 and DMX. MS controls dimming based on selected minimum dim level. Available only with HC2800.
12- Available only with L4L30 and L4L75. Not available with Tunable White, Warm Dimming and DMX. Integral to luminaire within Ø15" ceiling canopy.
13- Powers downlight only.
14- Remote mount 50ft - 12" (305mm) square enclosure with access cover. Cable between fixture and remote box is provided by others. California Title 20 Compliant.
15- Contact factory to coordinate custom matching color.
16- Specify RAL number.

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HC2800/HC2805
Rev. 04/29/25

ORDERING CODE

*SERIES	*LIGHT OUTPUT	*CCT	*VOLTAGE	ADDITIONAL UPLIGHT
HC2805	**Static White** **L4L30** 3046 lm / 30w **L4L75** 7526 lm / 79w **L4L125** 12638 lm / 143w **L4L170** 17248 lm / 209w **Warm Dimming** **L4LDW** 8240 lm / 114w[1,2] **Tunable White** **L4LWT** 8240 lm / 114w[1,3] Delivered lumens calculated at 4000K/80CRI for static white. Typical power consumption. Refer to LCF table for outputs at other CCTs. Delivered lumens calculated at 5000K/80CRI for warm dimming and tunable white.	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K **WDIM** 2700K-5000K **TUWH** 2700K-5000K	**120** 120V **277** 277V **347** 347V[4] **MVOLT** 120V-277V	**Static White** **UL4L20** 2029 lm / 12W **UL4L50** 5096 lm / 33W **UL4L78** 7805 lm / 55W **Warm Dimming** **UL4LDW** 6435 lm / 57W[1,2] **Tunable White** **UL4LWT** 6435 lm / 57W[1,3]

*MOUNTING	*SUSPENSION LENGTH	MOUNTING ACCESSORY	CONTROLS	LENS/DIFFUSER
SPG Silver braided power cord with aircraft cable[5] **STM** Field-cuttable hang straight stem	**12IN** 12" **24IN** 24" **36IN** 36" **48IN** 48" **60IN** 60" Available up to 240" in 12" increments.	**STC** Set of 3 stabilizer cables[6]	**DMX** DMX/RDM dim to dark 0%[7] **NLTAIR2** nLight AIR 2.0 control embedded in canopy with black antenna[8,9]	**FDC** Frosted dust cover for optional uplight LED[10]

FUSE	DUAL SWITCHING	EMERGENCY	REFLECTOR FINISH	*FINISH			
FS Fuse	**DS** Dual circuit switching Required field when Additional Uplight is selected.	**EMC10** 10W integral emergency battery, 90 min. Within oversized ceiling canopy.[9,11,12] **REM7** Remote emergency battery, 90 min, 7W[7,12,13]	**RP** Exterior of aluminum reflector to match housing finish[14]	**BKT** Jet black **BZT** Bronze **CHT** Champagne **DGT** Gun metal **GRT** Titanium gray **MST** Matte silver **SGT** Steel gray **WHT** Snow white		**CMC** Custom matched color[15] **RAL** RAL color[16]	

NOTES

*- Denotes a required field
1- If downlight has different LED light (White/Tunable White/Warm Dimming) than uplight, it will be controlled with DS.
2- Available only with WDIM.
3- Available only with TUWH.
4- Not available with Tunable White, Warm Dimming, EMC10, REM7, DS and DMX.
5- Not available in 12IN or 24IN suspension lengths.
6- Available only with STM.
7- Not available with HC2800-L4L220, HC2805-L4L170, REM7, EMC10, Tunable White, Warm Dimming and nLight. Default dimming curve is Logarithmic. Factory set to address one unless otherwise specified. Refer to DMX Reference Guide available on website. In Ø15" ceiling canopy with STM or DSPG. Maximum length for STM is 36".

8- 120V or 277V only.
9- Not available with with MS, Tunable White, Warm Dimming, EMC10, REM7 and DMX. Installed in Ø15" canopy with STM/SPG. Refer to the mounting images for more details.
10- Lumen conversion factor (LCF) 0.8. Available only if additional uplight is selected.
11- Available only with L4L30 and L4L75. Not available with Tunable White, Warm Dimming and DMX. Integral to luminaire within Ø15" ceiling canopy.
12- Powers downlight only.
13- Remote mount 50ft - 12" (305mm) square enclosure with access cover. Cable between fixture and remote box is provided by others. California Title 20 Compliant.
14- Available only with HC2805.
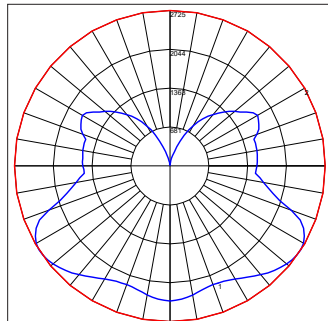15- Contact factory to coordinate custom matching color.
16- Specify RAL number.

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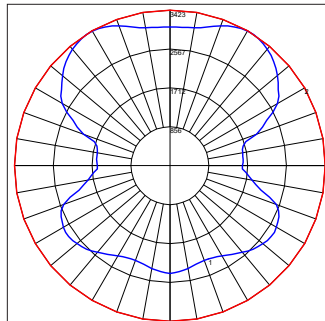260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

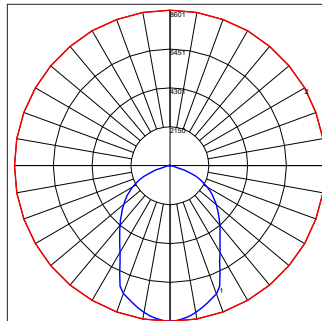HC2800/HC2805
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TYPICAL PHOTOMETRY SUMMARY

HC2800-L4L220

Total Lms: 22508 Lumens
Total Input Watts: 209 W
Efficacy: 107 Lumens/Watt
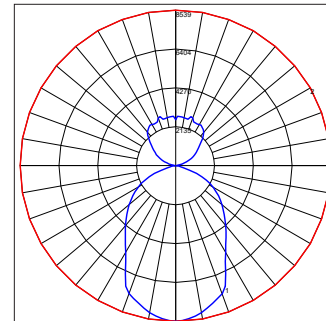**CCT/CRI:** 4000K/80
Maximum Candela: 2716 @ 58°

HC2800-L4L220-UL4L78

Total Lms: 30313 Lumens
Total Input Watts: 263 W
Efficacy: 115 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 3407 @ 148°

HC2805-L4L170

Total Lms: 17248 Lumens
Total Input Watts: 209 W
Efficacy: 82 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 8593 @ 0°

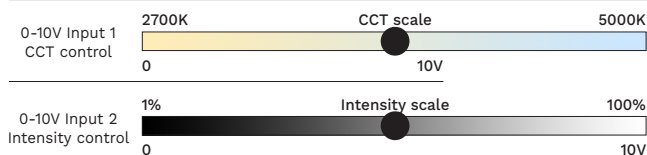### HC2805-L4L170-UL4L78

Total Lms: 25053 Lumens
Total Input Watts: 263 W
Efficacy: 95 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 8501 @ 0°

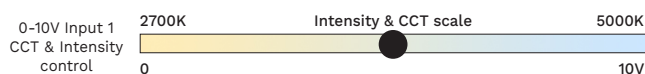| LUMEN CONVERSION FACTOR (LCF)		
CCT	CRI	LCF
2700K	80	0.92
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

TUNABLE WHITE

User can modify the correlated color temperature (CCT) and intensity of the source using two slider controls or an intelligent lighting management system.
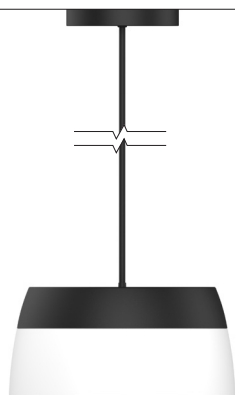
0-10V Input 1 CCT control — 2700K — CCT scale — 5000K — 0 — 10V

0-10V Input 2 Intensity control — 1% — Intensity scale — 100% — 0 — 10V

WARM DIMMING

Warm dimming (0-10V) lowers the LED temperature (CCT) as it is dimmed. The lower the brightness, the warmer the CCT.

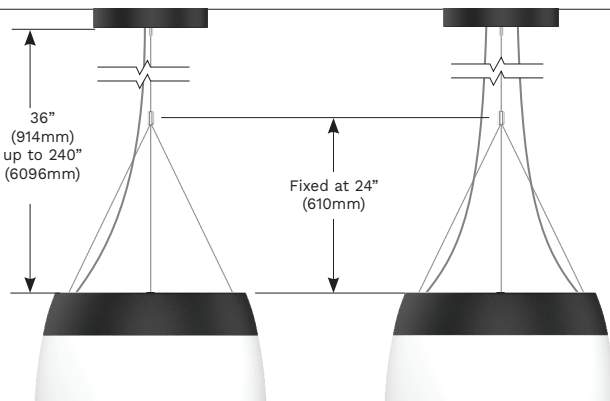0-10V Input 1 CCT & Intensity control — 2700K — Intensity & CCT scale — 5000K — 0 — 10V

All Photometry shown use the 80CRI 4000K LEDs.
Please visit our web site www.luminis.com for complete I.E.S. file.

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OPTION DETAILS

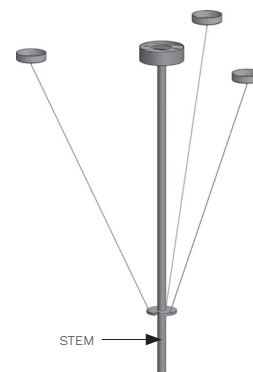**STM**
Heavy duty 30º hang straight swivel, with Ø15" (381mm) canopy and mounting plate. Ø7/8" (22mm) suspension stem with aircraft safety cable.

36"
(914mm)
up to 240"
(6096mm)

Fixed at 24"
(610mm)

SPG
Silver braided power cord with onsite adjustable aircraft safety cable. Second cord added to models with the following options: DMX, DS.

STEM

STC
Set of three stabilizer cables. For stem mount only.
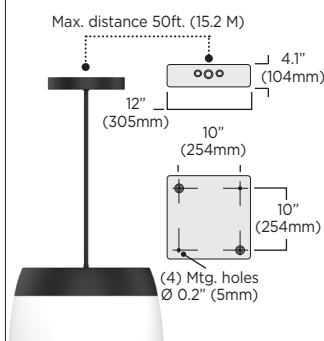
MS (for STM)
The motion sensor device is located in a factory installed enclosure mounted onto the stem tripod casting.

MS (for SPG)
The motion sensor device is mounted at the center of a steel disk, discretely located at the top level of the core of the fixture.

Max. distance 50ft. (15.2 M)

4.1"
(104mm)

12"
(305mm)

10"
(254mm)

10"
(254mm)

(4) Mtg. holes
Ø 0.2" (5mm)

REM7
Remote mount 120/277V emergency battery pack (1110 lm/90 min). Test switch provided within enclosure with 5" (127mm) leads. Applicable for both STM and SPG options.

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OPTION DETAILS

Ø 15"
(391mm)
2.6"
(66mm)

Junction box
opening

Ø 13.25"
(336.6mm)
(4) Mtg. holes
Ø 0.2" (5.1mm)

NLTAIR2 (STM & SPG)
Ø15" canopy with nLight AIR
Control gen2 and black antenna.

Ø 15"
(391mm)
2.6"
(66mm)

Junction box
opening

Ø 13.25"
(336.6mm)
(4) Mtg. holes
Ø 0.2" (5.1mm)

NLTAIR2 (STM & SPG)
Ø15" canopy with nLight AIR
Control gen2 and black antennas.
Dual Switching option.

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