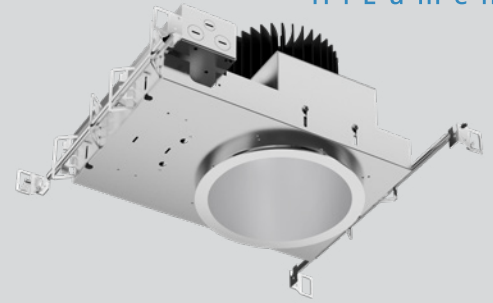


Part #	Prepared By
Project	Date
Type	

8" Round, F-Class HiLumen

Open, LED Downlight, 4000-15000 Lumens - HiLumen Shallow



Features & Construction

ELECTRICAL SYSTEM

- 4000 - 15000 lumens
- Efficient LED system up to 130 LPW Lumens Per Watt
- 3000K - 5000K CCT
- 80 CRI with 3 SDCM color consistency
- 0-10V 10% dimming standard
- 120V - 277V Universal Input Volts, 347V option
- Minimum 50,000 hour lifetime at L70
- -20°C to 30°C Ambient Operating Temperature Range

OPTICS

- Precision spun architectural-grade reflector
- Reflectors available in Alzak® and painted finishes
- Distribution is free of streaks, striations and hotspots
- 60° Medium Distribution or 100° Wide Distribution
- 45° Cutoff

FRAME & MOUNTING

- Anticorrosive galvanized steel frame with integrated junction box featuring hinged access covers with spring retaining latches
- Rigid formed mounting brackets accept a variety of mounting bars with auxiliary nail holes and T-bar slots
- T-Bars included, suitable for joist spacing from 12" to 24"
- Supports straight conduit runs - (3) 3/4" knockouts
- Through branch wiring - (8) #12 AWG (4 in, 4 out), 90°C conductors
- Accessibility to all LED components from below ceiling
- Flush to the ceiling reflectors, secured by screw and keyslot features

Listings

- ETL certified to UL 1598 and UL8750 requirements
- Tested according to LM-79 and LM-80 standards
- Damp Location and Wet Location Under Covered Ceiling (per NEC 410 & UL 1598)
- Buy American Act (BAA Compliant)
- Flicker Free (per NEMA 77-2017)

Warranty & Notes

- 5-year limited warranty on LED module and driver
- www.vantageltg.com/product-warranty
- Photometric tests performed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures
- Insulation must be kept 3" away from luminaire

Lumens*

Nominal Lumens	Wattage	Medium Delivered Lumens	Lumens Per Watt	Wide Delivered Lumens	Lumens Per Watt
4000	32.5	3685	113.38	3933	121.02
5000	39.9	4606	115.44	4916	123.21
6000	46.7	5527	118.35	5899	126.32
8000	62.1	7370	118.68	7866	126.67
10000	79.2	9212	116.31	9832	124.14
12000	90.7	11055	121.89	11798	130.08
15000	115	13818	120.16	14748	128.24

All measured at 4000K with a standard medium & wide distribution

*Actual Wattage/Lumens may vary.

Ordering Information

EXAMPLE: A8VOFHLU-8040K-L8060-SGC-SDM

Series	Voltage	Lumens	Kelvin (CCT)	Reflector	Reflector Finish	Dimming Options*	Additional Options**
A8VOFHL	U - 120V-277V 1 - 120V 2 - 277V 3 - 347V (347V Step Down Transformer) *Must provide voltage when optional drivers are selected.	40 - 4000 50 - 5000 60 - 6000 80 - 8000 100 - 10000 120 - 12000 150 - 15000	30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	L8060 60° Medium Open Reflector W8060 100° Wide Open Reflector	SCL Specular Clear SGC Soft Glow Clear WHT White Matte *All trims supplied standard with white painted flange.	SDM (standard) ZDMHL TDMHL DMX DCA	HCR EM17 EM117 EM20 EM120 PF

* Dimming Options Notes

SDM - 0-10V 10% dimming driver. (standard)
 ZDMHL - 0-10V 1% dimming driver (up to 10000 Lumens)
 TDMHL - Triac (Forward Phase, 120V only) dimming driver. (up to 12000 lumens)
 DMX - DMX with RDM dimming driver. Available up to 10,000 lumens.
 DCA - Daisy Chain Adapter (must be used when daisy chaining DMX fixtures)

** Additional Options Notes

HCR - High CRI, 90+ minimum.
 EM17 - Battery Backup W/remote Test Button & Indicator Light (for up to 5000 Lumen Luminares)
 EM117 - Battery Backup W/Integral Test Button & Indicator Light (for up to 5000 Lumen Luminares)
 EM20 - Battery Backup W/remote Test Button & Indicator Light (for Greater Than 5000 Lumen Luminares)
 EM120 - Battery Backup W/Integral Test Button & Indicator Light (for Greater Than 5000 Lumen Luminares)
 PF - Polished Flange

Reflector Finishes



8" Round, F-Class HiLumen

Open, LED Downlight, 4000-15000 Lumens - HiLumen Shallow

F-CLASS
HiLumen

Photometry

L8060 - 60° Medium Distribution

Model
A8VOFHL-15040K-L8060-SCL

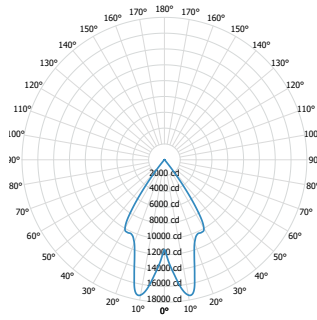
Lumens
13818

Watts
115

Efficacy
120.16

SC
1.23

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	177 fc	10.0 ft
10.0 ft	114 fc	12.5 ft
12.0 ft	79 fc	15.0 ft
14.0 ft	58 fc	17.5 ft
16.0 ft	44 fc	20.0 ft
20.0 ft	28 fc	25.0 ft
24.0 ft	20 fc	30.0 ft
30.0 ft	13 fc	37.5 ft

Candela Table

	0.00°
0.00°	11352
5.00°	14633
10.00°	17361
15.00°	14750
20.00°	11150
30.00°	9954
40.00°	591
50.00°	108
60.00°	52
70.00°	24
80.00°	8
90.00°	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	10344	75%
0° - 40°	13534	98%
0° - 60°	13762	100%
60° - 90°	56	0%
0° - 20°	5542	40%
20° - 50°	8152	59%
50° - 70°	104	1%
70° - 90°	20	0%
0° - 90°	13818	100%
90° - 180°	0	0%
Total	13818	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	9.8 ft	~ 177 fc
10 ft	12.3 ft	~ 114 fc
12 ft	14.8 ft	~ 79 fc
8 ft	7.4 ft	~ 315 fc
10 ft	9.2 ft	~ 202 fc
12 ft	11.1 ft	~ 140 fc
8 ft	4.9 ft	~ 710 fc
10 ft	6.2 ft	~ 454 fc
12 ft	7.4 ft	~ 315 fc

* approximate direct light level at floor based on spacing criterion overlap

W8060 - 100° Wide Distribution

Model
A8VOFHL-15040K-W8060-SCL

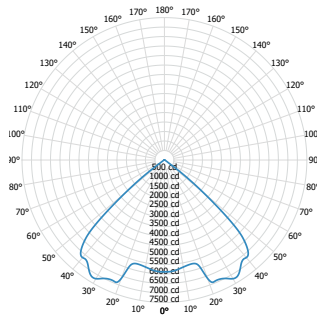
Lumens
14748

Watts
115

Efficacy
128.24

SC
1.71

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	92 fc	18.2 ft
10.0 ft	59 fc	22.8 ft
12.0 ft	41 fc	27.3 ft
14.0 ft	30 fc	31.9 ft
16.0 ft	23 fc	36.4 ft
20.0 ft	15 fc	45.6 ft
24.0 ft	10 fc	54.7 ft
30.0 ft	7 fc	68.3 ft

Candela Table

	0.00°
0.00°	5888
5.00°	5856
10.00°	5723
15.00°	5655
20.00°	6626
30.00°	7216
40.00°	6706
50.00°	2712
60.00°	106
70.00°	49
80.00°	21
90.00°	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	5434	37%
0° - 40°	9798	66%
0° - 60°	14632	99%
60° - 90°	116	1%
0° - 20°	2205	15%
20° - 50°	11768	80%
50° - 70°	729	5%
70° - 90°	46	0%
0° - 90°	14748	100%
90° - 180°	0	0%
Total	14748	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	13.7 ft	~ 92 fc
10 ft	17.1 ft	~ 59 fc
12 ft	20.5 ft	~ 41 fc
8 ft	10.3 ft	~ 164 fc
10 ft	12.8 ft	~ 105 fc
12 ft	15.4 ft	~ 73 fc
8 ft	6.8 ft	~ 368 fc
10 ft	8.6 ft	~ 236 fc
12 ft	10.3 ft	~ 164 fc

* approximate direct light level at floor based on spacing criterion overlap

MULTIPLIER

CRI	Multiplier	Kelvin	Multiplier	Reflector Finish	Multiplier
80	1	3000K	0.965	SCL	1
90	0.8	3500K	0.975	SGC	0.95
		4000K	1	WHT	0.87
		5000K	1.098		

8" Round, F-Class HiLumen

Open, LED Downlight, 4000-15000 Lumens - HiLumen Shallow

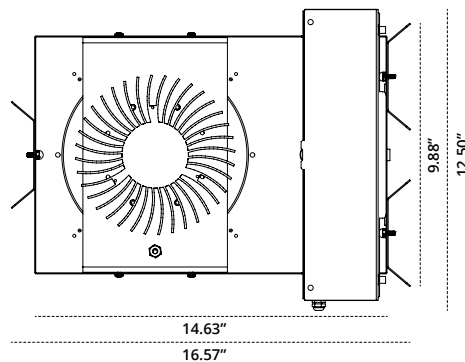
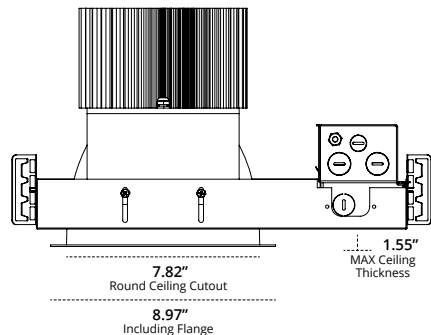
F-CLASS
HiLumen

Dimensional Data

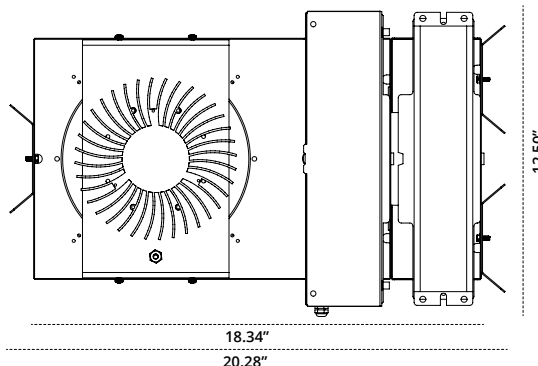
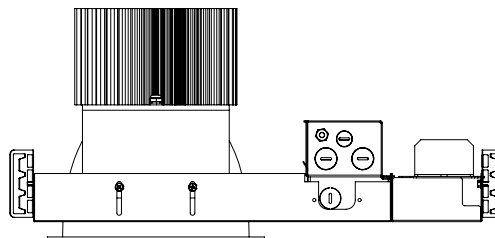
Medium Reflector - L8060

6.90"
4000LM-12000LM
with 5/8 Ceiling

8.71"
15000LM
with 5/8 Ceiling



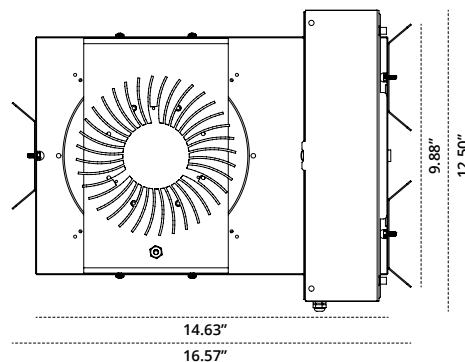
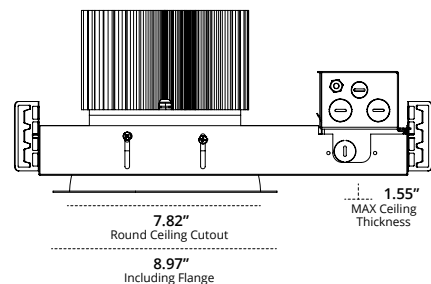
EM17/EM20



Wide Reflector - W8060

5.36"
4000LM-12000LM
with 5/8 Ceiling

6.54"
15000LM
with 5/8 Ceiling



EM17/EM20

