

FIXTURE SPECIFICATIONS

INTENDED USE

This specification-grade LED high bay has a built-in driver which supports a compacy pendant light facilities, gymnasiums, and over head ligh. Perfect for warehouses, industrial and commercial spaces. The dome shade ensures e and enhanced visual comfort with its deep-set LED optics.

DETAILS

Construc tion: Heavy duty spun aluminum alloy and integral driver in shade

Voltage: 120/277V, 50/60Hz

Dimming: EL V & 0-10V (dims to 10%), TRIAC (dims to 20%)

Emergency Back-up: Optional external mounted battery with a Test Switch, that operates luminaire for 90 minutes when fully charged

CRI: 90+

Beam Angle: 100°

Life: 61,000 hours at L70

Warranty: 5 years carefree for parts and components (Labor not included)

Listings: cULus Listed for damp locations, ENERGY STAR certified, Complies with California Title 24 JA8-20 22, Assembled in the USA



Alcon Lighting 15240 Deep Dome Architectural LED Round High Bay



ORDERING INFORMATION Example:

Model	Size Wattage Lumens		Mount Type ¹		Color Temp		Shade Finish	Options	
15240	12L	8" 15W 1200lm	AC8	96" Cable	30K	3000K	WHWH	EM20	20W External Emergency Back-up Battery with Test Switch
	22L	8" 30W 2200lm	AC20	240" Cable	35K	3500K	White Outer White		
					40K	4000K	Inner		
	20L	10" 23W 2000lm	ST1	12" Stem			BKWH		
	30L	10" 36W 3000lm	ST2	24" Stem			Black Outer White		
			ST3	36" Stem			Inner		
	25L	16" 27W 2500lm	ST4	48" Stem			GMWH		
	38L	16" 48W 3800lm	ST5	60" Stem			Gun Metal Outer		
			ST6	72" Stem			White Inner		
			ST7	84" Stem					
			ST8	96" Stem					

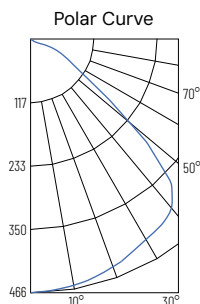
¹ The swivel canopy is suitable for sloped ceilings with a pitch ranging from 1/12 to 10/12

PHOTOMETRY

15240 8" Cable Mount , 15W, 1200 lm, 3000K, 90 CRI

15240-12L-AC8-30K-WHWH

Lumens: 1228 lm
Wattage: 13.81 W
Efficacy: 89 lpw
Spacing Criteria (0°-180°): 1.4
Spacing Criteria (90°-270°): 1.4



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	29.1fc	10'-2"
6'	12.9fc	15'-2"
8'	7.3fc	20'-4"
10'	4.7fc	25'-5"
12'	3.2fc	30'-6"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	307	25
0-40	526	42.8
0-60	1050	85.5
0-90	1211	98.6
90-180	17	1.4
0-180	1228	100

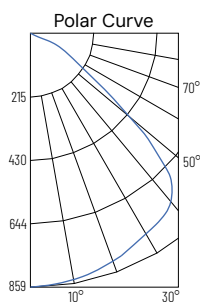
Candela Table

Vertical Angles	Candela
0	466
5	464
15	454
25	436
35	420
45	372

15240 8" Cable Mount , 30W, 2200 lm, 3000K, 90 CRI

15240-22L-AC8-30K-WHWH

Lumens: 2260 lm
Wattage: 28.22 W
Efficacy: 80 lpw
Spacing Criteria (0°-180°): 1.4
Spacing Criteria (90°-270°): 1.4



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	53.7fc	10'-2"
6'	23.9fc	15'-2"
8'	13.4fc	20'-4"
10'	8.6fc	25'-5"
12'	6fc	30'-6"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	690	30.6
0-40	1174	52
0-60	1961	86.8
0-90	2229	98.6
90-180	31	1.4
0-180	2260	100

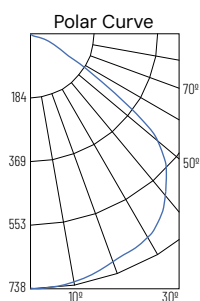
Candela Table

Vertical Angles	Candela
0	859
5	857
15	837
25	804
35	773
45	665

15240 10" Cable Mount , 23W, 2000 lm, 3000K, 90 CRI

15240-20L-AC8-30K-WHWH

Lumens: 1921 lm
Wattage: 23.1 W
Efficacy: 83 lpw
Spacing Criteria (0°-180°): 1.38
Spacing Criteria (90°-270°): 1.38



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	46fc	11'-1"
6'	20.4fc	16'-8"
8'	11.5fc	22'-2"
10'	7.4fc	27'-10"
12'	5.1fc	33'-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	591	30.8
0-40	1000	52.1
0-60	1732	90.2
0-90	1906	99.2
90-180	15.5	0.8
0-180	1921	100

Candela Table

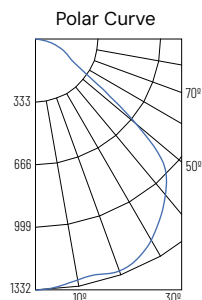
Vertical Angles	Candela
0	736
5	734
15	717
25	689
35	657
45	562

PHOTOMETRY

15240 10" Cable Mount, 36W, 3000 lm, 3000K, 90 CRI

15240-30L-AC8-30K-WHWH

Lumens: 3223 lm
Wattage: 34.7 W
Efficacy: 93 lpw
Spacing Criteria (0°-180°): 1.36
Spacing Criteria (90°-270°): 1.36



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	83.3fc	9'-8"
6'	37fc	14'-6"
8'	20.8fc	19'-5"
10'	13.3fc	24'-2"
12'	9.3fc	29'

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1086	33.7
0-40	1812	56.2
0-60	2894	89.8
0-90	3223	100
90-180	0	0
0-180	3223	100

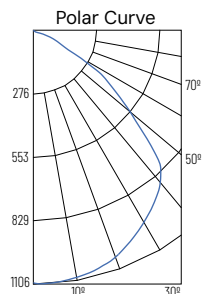
Candela Table

Vertical Angles	Candela
0	1332
5	1321
15	1294
25	1288
35	1159
45	978

15240 16" Cable Mount, 31W, 2500 lm, 3000K, 90 CRI

15240-25L-AC8-30K-WHWH

Lumens: 2654 lm
Wattage: 27.3 W
Efficacy: 97 lpw
Spacing Criteria (0°-180°): 1.3
Spacing Criteria (90°-270°): 1.2



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	68.8fc	10'-5"
6'	30.6fc	15'-7"
8'	17.2fc	20'-10"
10'	11fc	26'
12'	7.6fc	31'-2"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	868	32.7
0-40	1440	54.3
0-60	2394	90.2
0-90	2633	99.2
90-180	21	0.8
0-180	2654	100

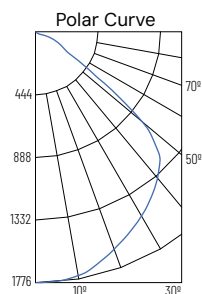
Candela Table

Vertical Angles	Candela
0	1100
5	1094
15	1079
25	998
35	914
45	806

15240 16" Cable Mount, 48W, 3800 lm, 3000K, 90 CRI

15240-38L-AC8-30K-WHWH

Lumens: 4099 lm
Wattage: 50 W
Efficacy: 83 lpw
Spacing Criteria (0°-180°): 1.28
Spacing Criteria (90°-270°): 1.26



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	111fc	10'-1"
6'	49.3fc	15'-1"
8'	27.7fc	20'-1"
10'	17.7fc	25'-5"
12'	12.3fc	30'-2"

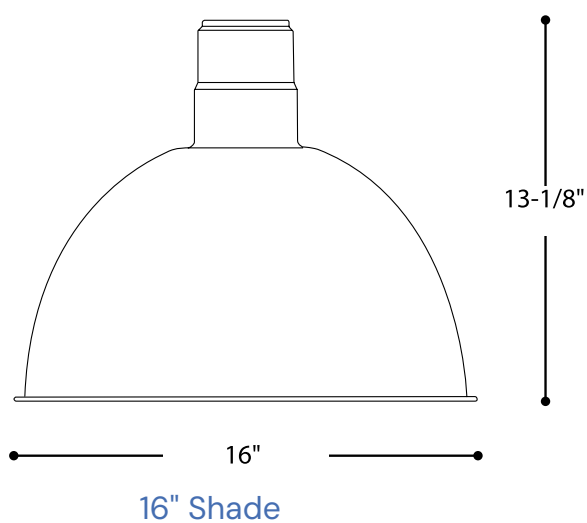
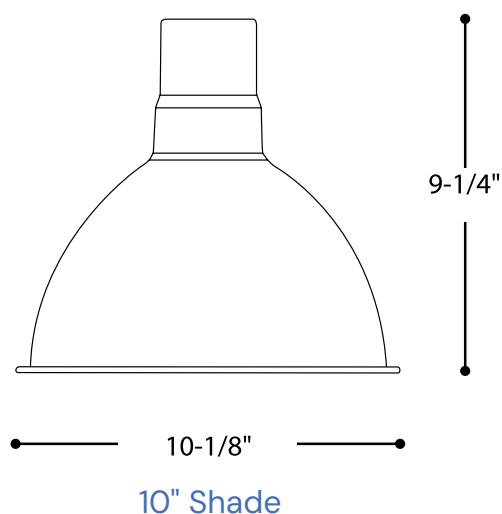
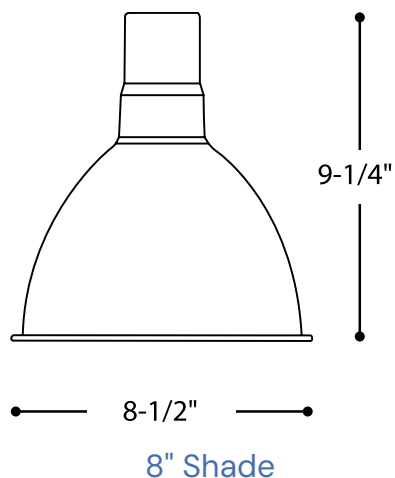
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1366	33.3
0-40	2257	55.1
0-60	3708	90.5
0-90	4067	99.2
90-180	32	0.8
0-180	4099	100

Candela Table

Vertical Angles	Candela
0	1775
5	1773
15	1697
25	1565
35	1427
45	1252

LINEDRA WINGS



Cable Mount



Stem Mount



Cable Mount



Stem Mount



Cable Mount



Stem Mount



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COMPATIBLE DIMMERS

	0-10 V	ELV	TRIAC
	2100 2101 2102		
	Nova NFTV Diva DDTV	DVELV 300P SELV 300P	DVCL-153P
	IP710-DL		

COLOR TEMPERATURE GUIDE

