AIREY-THOMPSON™
Manufacturing Quality Luminaires

20LDR DOUBLE ROW LED SYMMETRIC COVE LIGHTING AIMABLE SPEC GRADE / MADE IN USA

FEATURES

- Smooth symmetrical beam pattern
- Adjustable / Aimable mounting 85˚ range
- Lensed and non-lensed options
- Multiple lumen packages to choose from
- Integral 120/277V 0-10V dimmable driver
- Made in the USA / Buy America compliant

HANDCRAFTED IN THE USA

120/277v
Integral Driver

ETL LISTED CM US
Intertek

COLOR CONSISTENCY <3 SDMC

L70>72,000
80+CRI
90+AVAIL.

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SPECIFICATIONS

LED ARRAY

High density LED arrays are used to maximize visual appeal. Only premium quality LED chips are used and are available in 2700K, 3000K, 3500K, 4000K and 5000Kwith a tested CRI of 85, 90+ is available. Color consistency less than 3 SDCM. Arrays are mounted to an aluminum cover for enhanced thermal management to extend LED life

ELECTRICAL

Integral 120/277V, 0-10V dimmable drivers are standard. 1% 0-10V dimming driver optional.

CONSTRUCTION

Satin anodized extruded aluminum housing and LED mounting. Lens is extruded clear acrylic for maximum efficacy. Aluminum end caps with no visible screws. Stainless steel lens mounting clip. Adjustable angle mounting brackets.

PERFORMANCE

136 Lumens per watt for 4000K. Three standard light output options: Normal 5 watts and 675 lumens per foot, High 7 watts and 945 lumens per foot, Very high 10 watts and 1350 lumens per foot. Custom lumen programming available up to 1800 lumens per foot. L70 > 72,000 Hours. CRI 80+ standard, 90+ is optionally available.

WARRANTY

Luminaire warranted for 5 years from the date of manufacturing.

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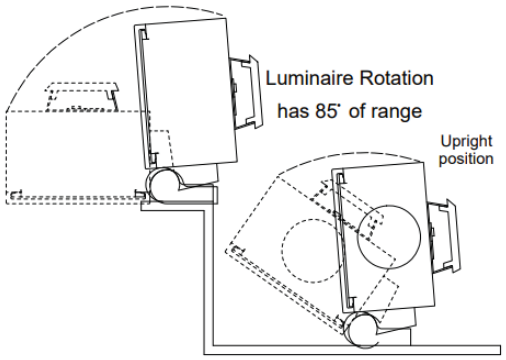
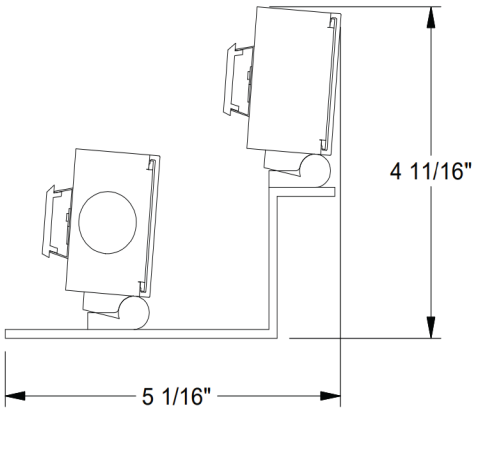
How to build a part number	Product Series	Light Output	Color Temperature	Length in Inches	Housing Color	Dimming Options	Beam Selection
Part number format	20LDR	N	40K	96	0	-D10	-AS1
Choices	20LDR	N= Normal H= High V= Very High CUSTOM*	27K 30K 35K 40K 50K	12 24 36 48 60 72 84 96	0= Satin	-D10 10% 0-10V dimmable driver -D11 1% 0-10V dimming	-AS1 Asymmetrical beam

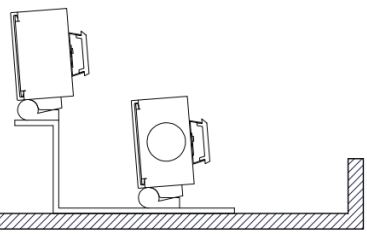
*For custom outputs, specify lumen target per foot up to 3600LM/FT





Cove example

Adjustable aim mounting brackets allow quick and easy field aiming of each fixture individually to put light right where your application needs it with 85 degrees of adjustability.



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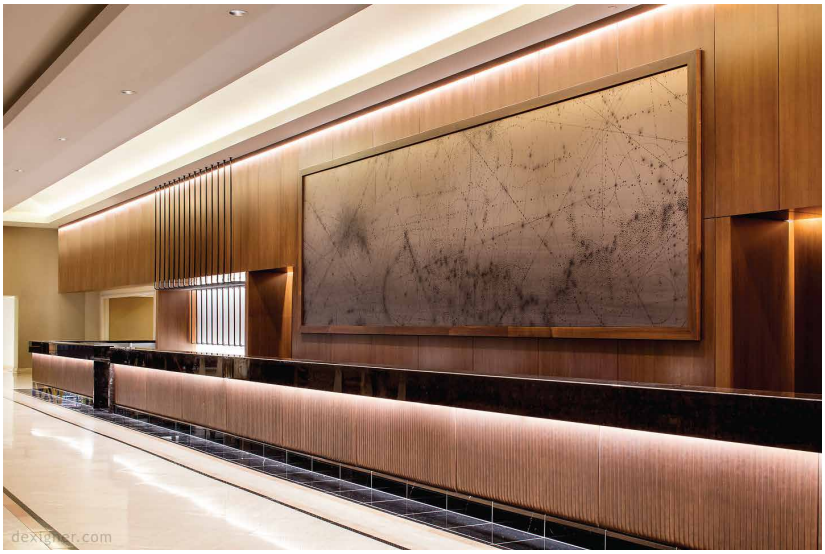
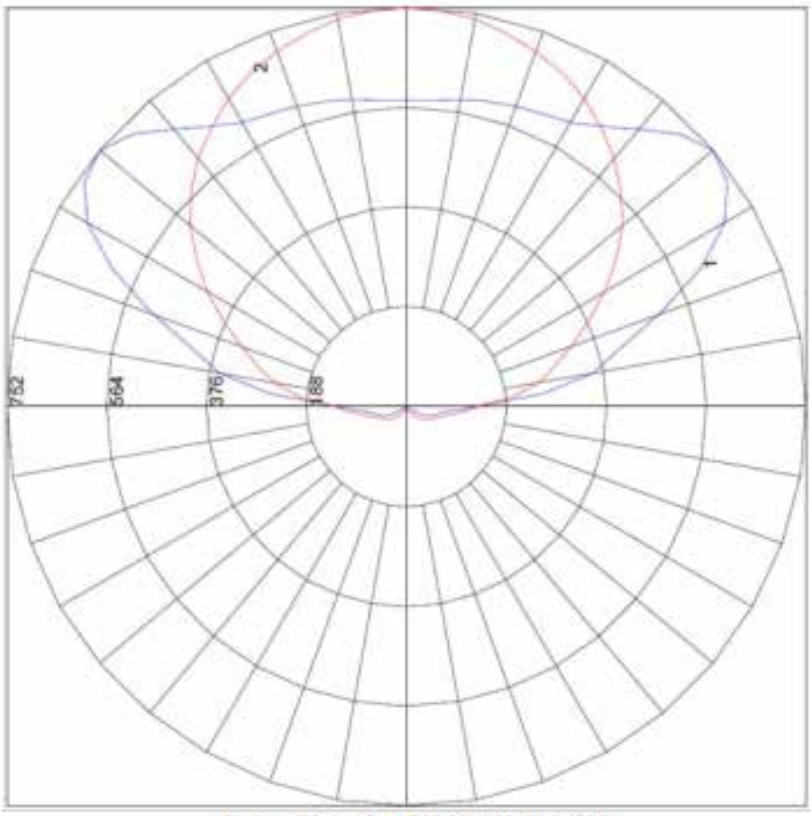
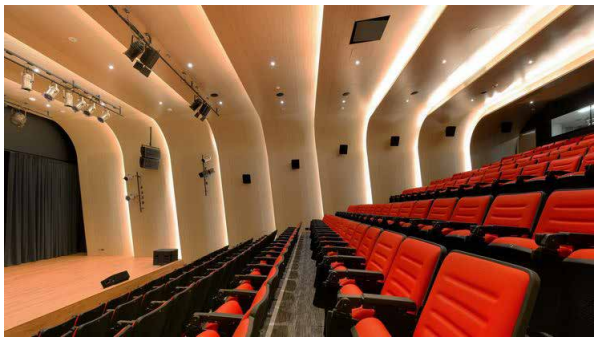


SM1 BEAM NORMAL OUTPUT		
LENGTH	WATTAGE	LUMENS
24"	10	1360
48"	19.77	2719
96"	39.54	5438

SM1 BEAM HIGH OUTPUT		
LENGTH	WATTAGE	LUMENS
24"	14	1904
48"	27.78	3806
96"	55.56	7613

SM1 BEAM VERY HIGH OUTPUT		
LENGTH	WATTAGE	LUMENS
24"	20	2750
48"	39.68	5500
96"	79.36	11000



Polar Chart for 20LN40K48-0-SM1
adjusted to flat position