



SPECIFICATION SHEET

LED DOWNLIGHT 6" 8" & 9.5" – FIELD ADJUSTABLE SERIES 120



FEATURES

Tunable Wattage
Tunable CCT
IP44 rated
Commercial Grade
50,000 hours lifetime

APPLICATIONS

Aisles
Commercial Facilities
Corridors
Hallways
Museums
Restrooms

CONSTRUCTION

Downlight body and endcaps are both fabricated from aluminum for maximum rigidity. Lightweight aluminum heat sink designed to perform naturally convective cooling.

ELECTRICAL

Uses a -20°C to 40°C (-4°F to 104°F) case temperature drive. 0.90 power factor. Available as 120-277V input.

OPTICAL SYSTEM

Lumiled LED chips. General, medium, aisle distributions available to meet both horizontal and vertical light level requirements. 90° beam angle.

INSTALLATION AND MOUNTING

Use torsion spring clips to install in place.

CONTROLS AND DIMMING

Dimmable range from 0-10V. Optional emergency battery backup and T-Bar mounting kit.

CERTIFICATION AND WARRANTY

Energy Star. CA Title 24. IC-Rated. 5-year limited warranty. Actual performance may differ as a result of end-user environment and application.



ORDERING EXAMPLE: 120-8DWXX-22-40-DIM-EM-TM

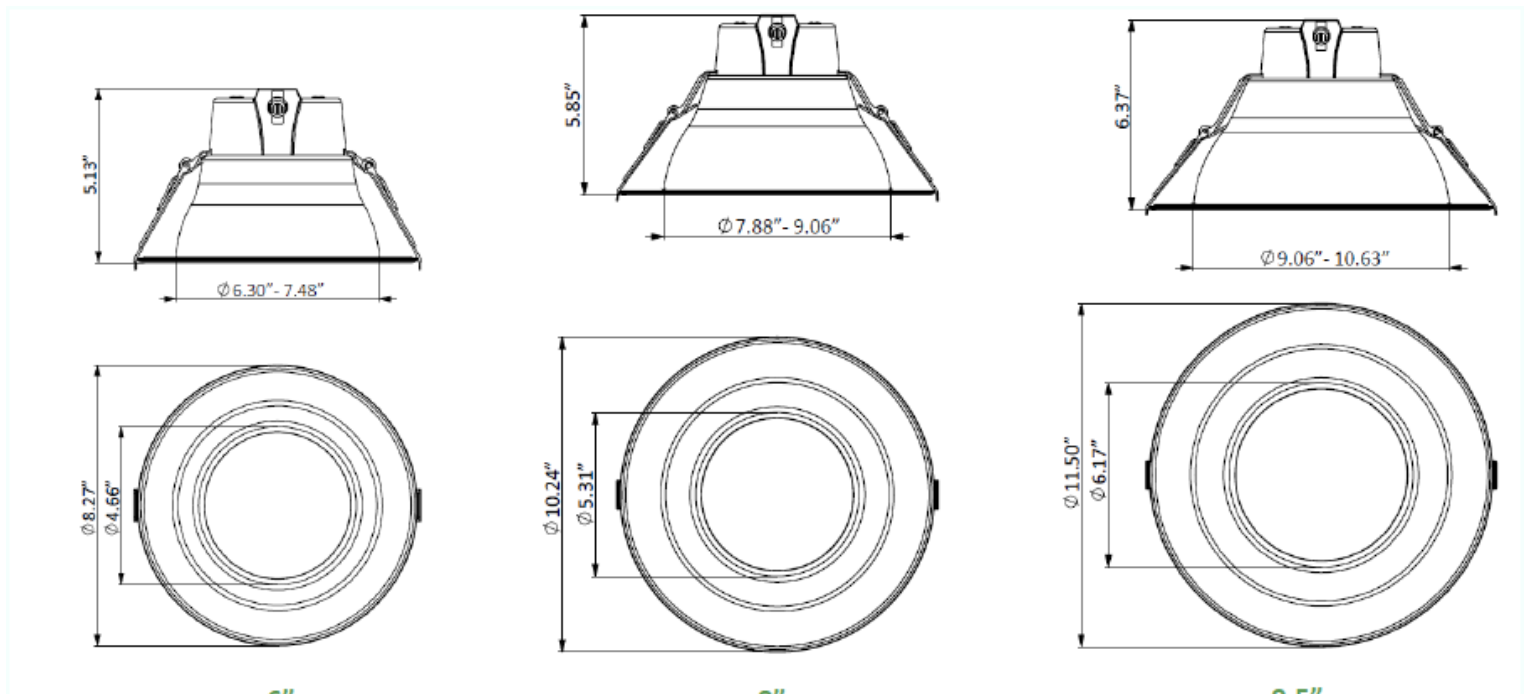
FORM FACTOR	WATTAGE (TUNABLE)	CCT (TUNABLE)	VOLTAGE	DIMMING	ACCESSORIES
120-6DWXX	6"=7W/10W/18W	40=Field Adjustable 3000K/3500K/4000K	[Blank]=120-277V	DIM=0-10V	[Blank]=None
120-8DWXX	8"=10W/15W/22W				EM=Emergency Battery Backup
120-9.5DWXX	9.5"=20W/25W/32W				TM=T-Bar Mounting Kit for Emergency Battery Backup



TECHNICAL PARAMETERS

FIXTURE	120-6DWXX-18-40-DIM			120-8DWXX-22-40-DIM			120-9.5DWXX-32-40-DIM		
Input Voltage (AC)	120-277V								
Rated Wattage	7W	10W	18W	10W	15W	22W	20W	25W	32W
Lumens (lm)	700	1,000	1,500	1,000	1,500	2,000	2,000	2,500	3,000
Efficacy (lm/W)	83.3 lm/W			90.9 lm/W			93.8 lm/W		
CRI	94								
Power Factor	.98			.97			.99		
Dimming	0-10V Dimming								
IP44 Rating	Product is protected from solid particles that are over 1mm in size and from low velocity sprays of water from every direction.								
Lifespan (Hours)	50,000								
Operating Temperature	-4°F to 104°F (-20°C to 40°C)								

PRODUCT DIMENSIONS



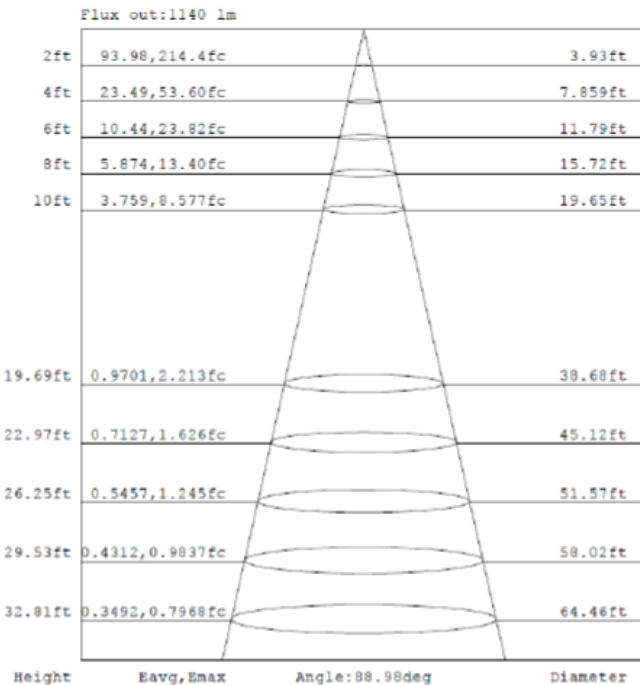
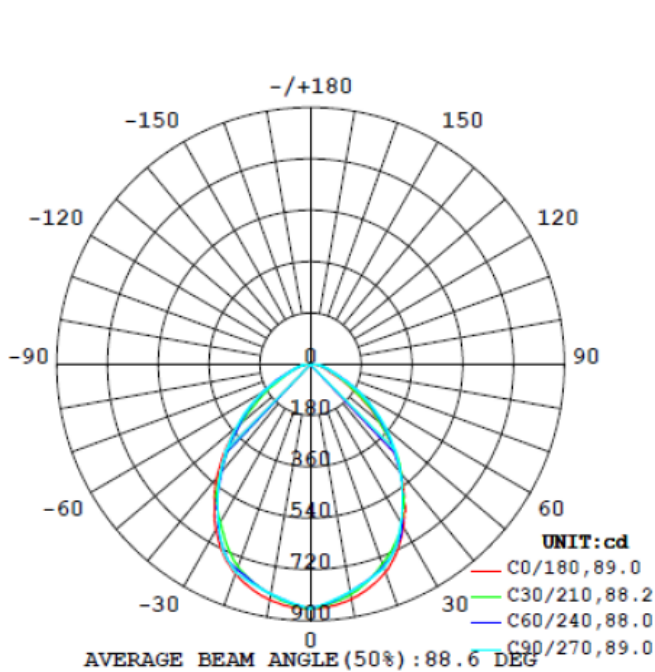
PHOTOMETRIC DATA

RTK Energy, LLC | 41571 Corning Pl., Suite 111 | Murrieta, CA 92562 | 949-870-0958 | www.rtk-energy.com

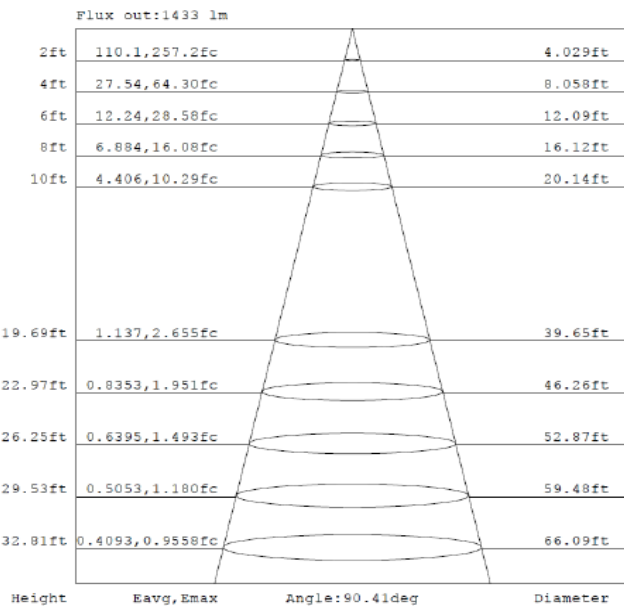
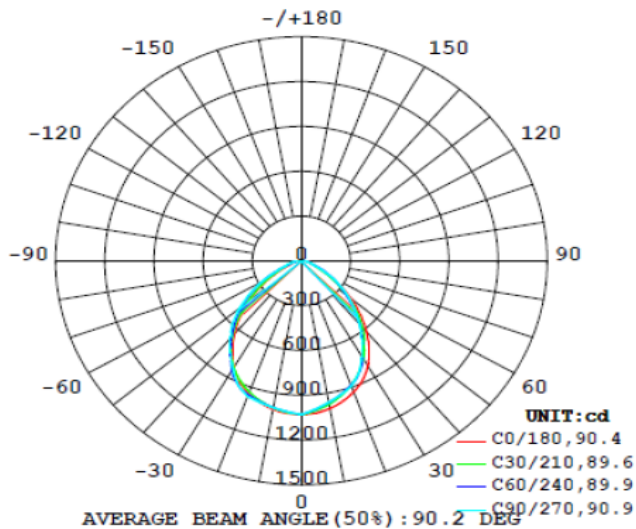
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SERIES 120

6" DOWNLIGHT - The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.



8" DOWNLIGHT - The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.





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9.5" DOWNLIGHT - The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

