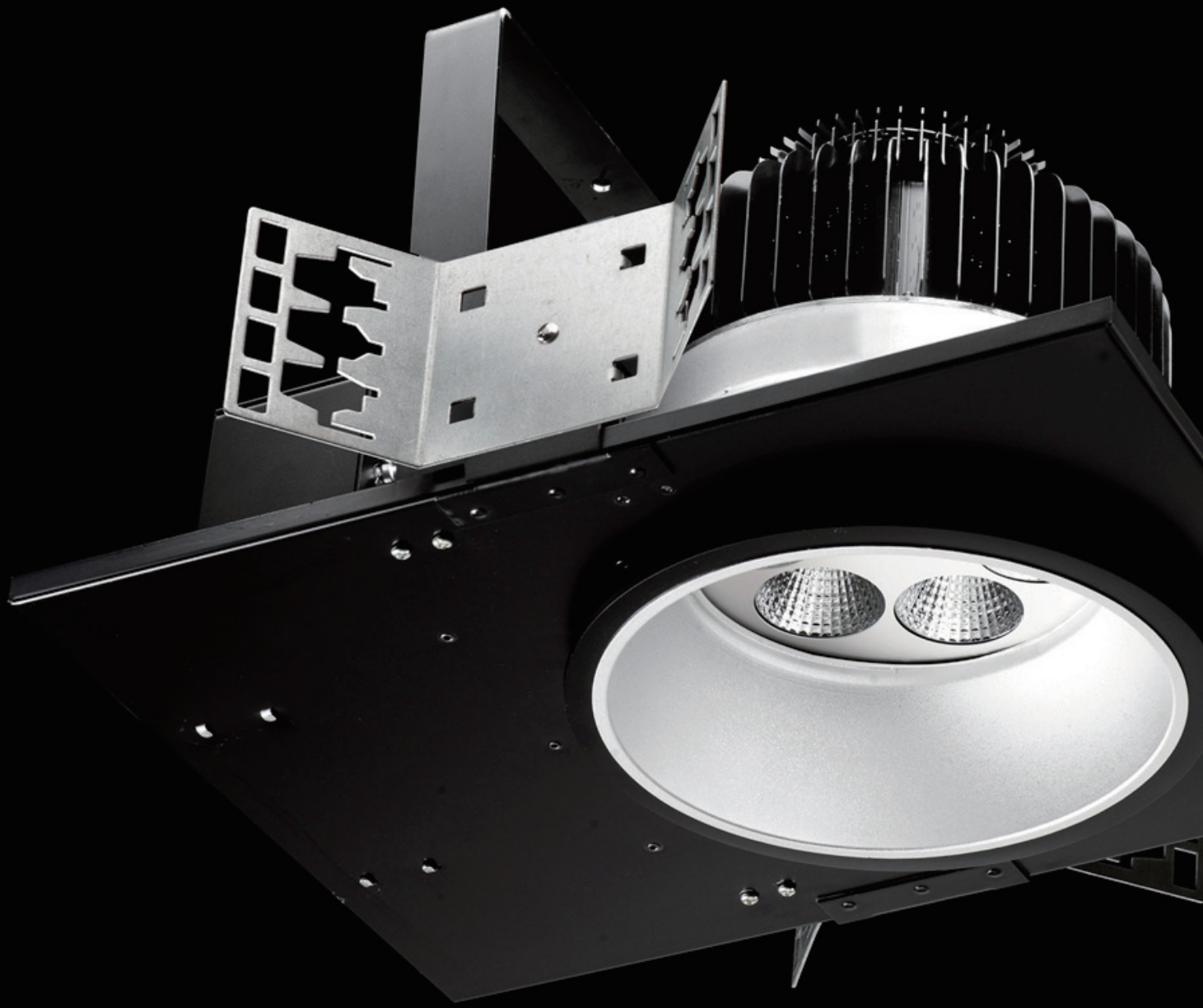


REvolutionary

Recessed Downlight

6500-12500 lm



Highest Lumen Output

UP to **12500lm**



Industry Leading Efficiency
86 LPW

30'H
Lobby

Lumen package : 7500lm / 95W
Beam angle: 35 deg

50'H Auditorium

Lumen package : 10000lm / 125W
Beam angle: 35 deg

**0-10V
dim to < 1%**

Smooth dimming with
Lutron or **ANY** standard dimmer

60'-80H

Theater/Concert Hall

Lumen package : 12500lm / 145W

Beam angle: 20 deg

VX DMX technology

Flicker-Free Video Recordings



25'H
Showroom

Lumen package : 8000lm / 95W

Beam angle: 20 deg

Precise Color

CRI 97



48'H
Shopping mall

Lumen package : 12000lm / 125W
Beam angle: 35 deg

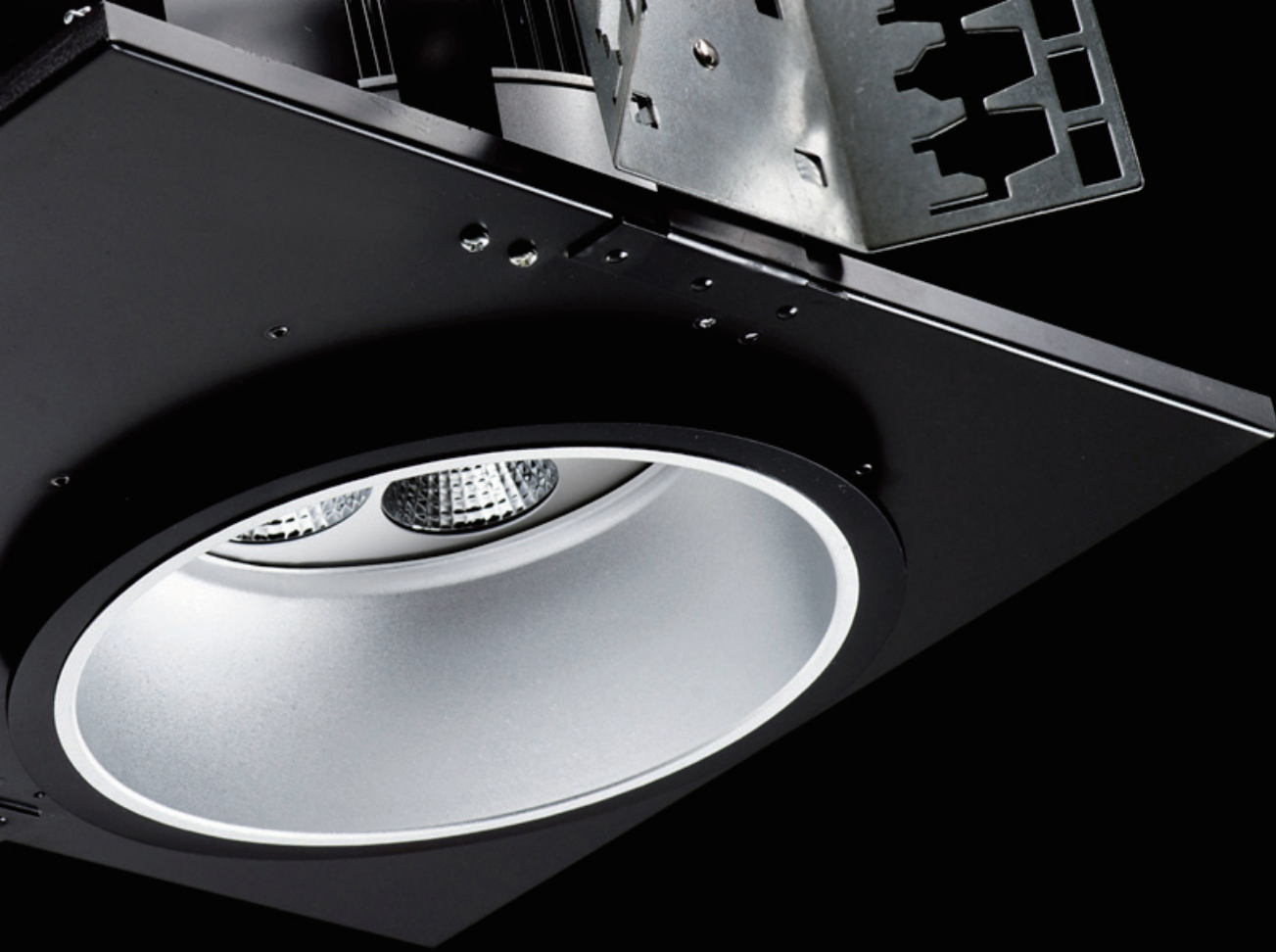
18'H

Exterior canopy

Lumen package : 6500lm / 95W

Beam angle: 100 deg





REV Series

High Lumen Recessed Downlight

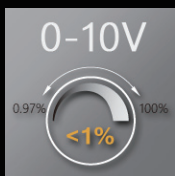
- Offers wide range of lumen packages, from 6500 to 12500 delivered lumens, to cover a wide range of high ceiling applications from 18' hotel lobbies to 40' airport halls to 80' theaters.
- Incorporating the latest zippered fin heatsink for optimized thermal management, the luminaire delivers 86 lm/W efficacy. Contemporary aesthetic complements a variety of architectural settings.

Model	Color Temp	Voltage	Beam Angle	CRI	Dimming	Trim Finish	Optional
RS-95	27K (2700K)*	120 (120V)	20	CRI 85	None	W (White)	DF Diffuser(100deg)*
RS-125	30K (3000K)	270 (270V)*	35	CRI 97*	0-10V*	B (Black)	
RS-145	35K (3500K)*		50		DMX*		
	40K (4000K)				VX DMX*		
					DALI*		

Note: * additional lead time or cost required.



Sophisticated Dimming Capabilities



0-10V

0.97% 100%

<math><1\%</math>

Dims to <math><1\%</math>

Ultra smooth dimming.

Compatible with **all** standard 0-10V dimming controls.



DALI



Digital Addressable Lighting Interface

Intelligent light dimming control can dim to 1%.



DMX
16 bit

High Resolution Dimming to <math><0.4\%</math>

16-bit DMX control with 4,096 steps.

Delivers ultra smooth dimming effect similar to incandescent dimming.



VX
DRIVER

DMX Optimized for Digital Video

Majority of LEDs utilize PWM dimming driver which results in visible flicker in recorded material on smartphones, cameras, and camcorders. VX DMX delivers digital video optimized DMX dimming technology for high quality digital video with no flickering. Ideal for installation in theaters, movie studios, churches, and anyplace where video recordings takes place.



Anatomy

1 Thermal management

Zippered fin heatsink implements stack effect to achieve increased cooling performance by 18% compared with traditional heatsink.

2 Optical Design

Dual-optical reflector designed for superior light distribution. First level specular reflector controls beam spread with 92+% reflectivity. Second level matte reflector reduces cut-off angles and aperture brightness, delivering zero glare and uniform light pattern at floor level.

3 Latest LED emitter Technology

METEOR utilizes the latest generation of Chip On Board (COB) Efficacy > 119 lm/W (@ 3500K) with High circular uniformity 3-Step MacAdam Ellipse CRI up to 97 to ensure stability of the lighting fixture.

4 Damp Location Listed

5 Ultra Smooth Dimming

Specially engineered dimming curves that matches human eye perception.

Photometrics

CCT MULTIPLIER			
27K	30K	35K	40K
0.88	0.96	baseline	1.02

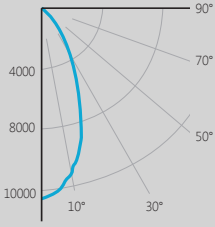
REV - 95W

RS-95 20deg

CCT: 3500K / 85CRI
 Input Watts: 97.1
 Delivered Lumens: 8,228.9
 Efficacy: 84.7

Zonal Lumen		
Zone	Lumens	% Luminaire
0-40	8,074.40	98.90%
0-60	8,154.20	99.80%
0-90	8,166.70	100%
90-180	0	0.00%
0-180	8,166.70	100%

Candela Distribution	
Deg	Candela
0	30146
5	29832
15	11341
25	5349
35	1746
45	93
55	7
65	4
75	2
85	1
90	1

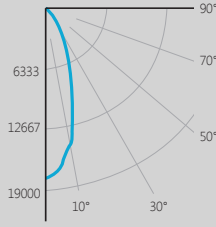


RS-95 35deg

CCT: 3500K / 85CRI
 Input Watts: 97.4
 Delivered Lumens: 7,870.5
 Efficacy: 80.8

Zonal Lumen		
Zone	Lumens	% Luminaire
0-40	7,571.90	96.70%
0-60	7,802.0	99.6%
0-90	7,834.30	100%
90-180	0	0.00%
0-180	7,834.30	100%

Candela Distribution	
Deg	Candela
0	18056
5	16839
15	10415
25	4671
35	1337
45	273
55	33
65	18
75	4
85	1
90	0

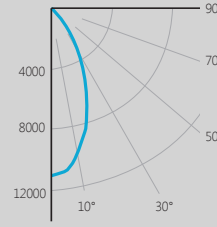


RS-95 50deg

CCT: 3500K / 85CRI
 Input Watts: 97.8
 Delivered Lumens: 7,156.6
 Efficacy: 73.2

Zonal Lumen		
Zone	Lumens	% Luminaire
0-40	6,847.40	96%
0-60	7,108.40	99.60%
0-90	7,134.80	100%
90-180	0	0.00%
0-180	7,134.80	100%

Candela Distribution	
Deg	Candela
0	11270
5	10870
15	8178
25	4783
35	1244
45	126
55	33
65	19
75	4
85	1
90	1



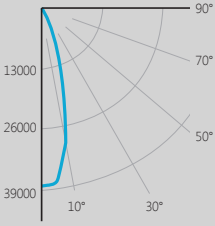
REV - 125W

RS-125 20deg

CCT: 3500K / 85CRI
 Input Watts: 125.4
 Delivered Lumens: 10,485.1
 Efficacy: 83.6

Zonal Lumen		
Zone	Lumens	% Luminaire
0-40	10,288.30	98.90%
0-60	10,389.90	99.80%
0-90	10,405.90	100%
90-180	0	0.00%
0-180	10,405.90	100%

Candela Distribution	
Deg	Candela
0	38412
5	38011
15	14450
25	6815
35	2225
45	118
55	9
65	4
75	2
85	1
90	1

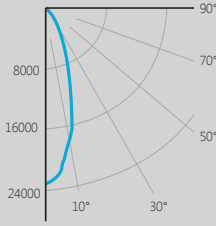


RS-125 35deg

CCT: 3500K / 85CRI
 Input Watts: 125.4
 Delivered Lumens: 10,094.3
 Efficacy: 80.5

Zonal Lumen		
Zone	Lumens	% Luminaire
0-40	9,711.30	96.70%
0-60	10,006.40	99.60%
0-90	10,047.80	100%
90-180	0	0.00%
0-180	10,047.80	100%

Candela Distribution	
Deg	Candela
0	23157
5	21597
15	13358
25	5991
35	1714
45	350
55	42
65	23
75	5
85	2
90	0

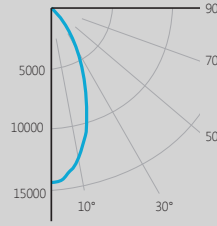


RS-125 50deg

CCT: 3500K / 85CRI
 Input Watts: 125.6
 Delivered Lumens: 9,191.9
 Efficacy: 73.2

Zonal Lumen		
Zone	Lumens	% Luminaire
0-40	8,794.70	96%
0-60	9,123.50	99.60%
0-90	9,163.70	100%
90-180	0	0.00%
0-180	9,163.70	100%

Candela Distribution	
Deg	Candela
0	14475
5	13961
15	10503
25	6144
35	1598
45	162
55	42
65	24
75	5
85	2
90	0



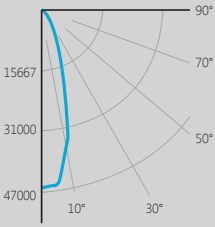
REV - 145W

RS-145 20deg

CCT: 3500K / 85CRI
 Input Watts: 145.5
 Delivered Lumens: 12,659.9
 Efficacy: 87

Zonal Lumen		
Zone	Lumens	% Luminaire
0-40	12,422.30	98.90%
0-60	12,544.9	99.80%
0-90	12,564.20	100%
90-180	0	0.00%
0-180	12,564.20	100%

Candela Distribution	
Deg	Candela
0	46379
5	45896
15	17447
25	8229
35	2686
45	143
55	10
65	5
75	3
85	1
90	1

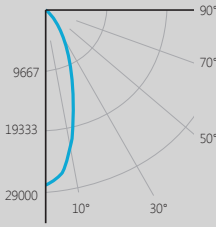


RS-145 35deg

CCT: 3500K / 85CRI
 Input Watts: 145.4
 Delivered Lumens: 12,208.9
 Efficacy: 84

Zonal Lumen		
Zone	Lumens	% Luminaire
0-40	11,745.60	96.70%
0-60	12,102.50	99.60%
0-90	12,152.60	100%
90-180	0	0.00%
0-180	12,152.60	100%

Candela Distribution	
Deg	Candela
0	28008
5	26121
15	16156
25	7245
35	2074
45	424
55	51
65	28
75	6
85	2
90	1

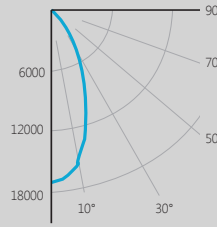


RS-145 50deg

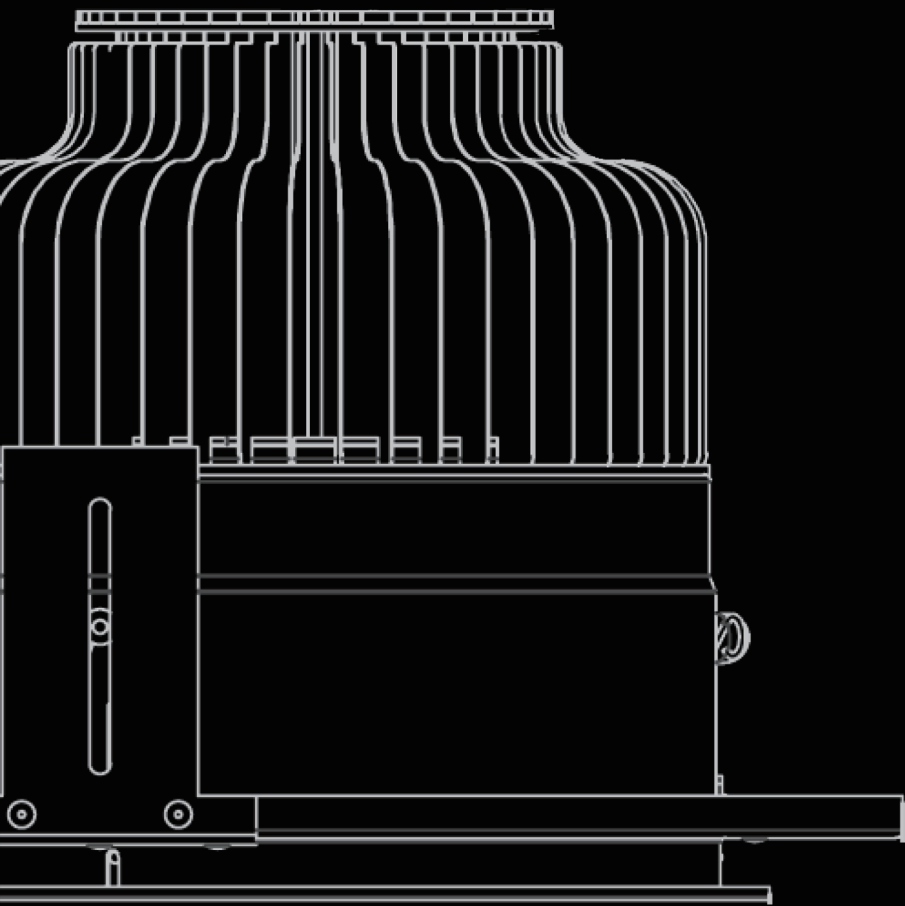
CCT: 3500K / 85CRI
 Input Watts: 145.4
 Delivered Lumens: 11,163.1
 Efficacy: 76.8

Zonal Lumen		
Zone	Lumens	% Luminaire
0-40	10,680.70	96%
0-60	11,080.10	99.6%
0-90	11,128.90	100%
90-180	0	0.00%
0-180	11,128.90	100%

Candela Distribution	
Deg	Candela
0	17579
5	16955
15	12756
25	7461
35	1940
45	196
55	51
65	30
75	7
85	2
90	1



- Note.
1. Tested in accordance with IESNA LM-79-08.
 2. CRI: 85 typical.
 3. Actual performance may vary in the field.
 4. Actual wattage may differ by 8%.



REvolutionary Recessed Downlight

6500lm-12500lm

METEOR

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