

The fixture disappears, the light stays.

Discreet, small-aperture downlights
let your space do all the talking.

RAB®

Five ways to finish the platform.

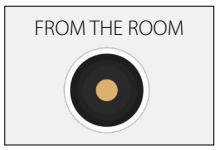
All small-aperture downlights include a remote driver, eliminating the need for a recessed housing or junction box. What changes across the family is how the aperture meets the ceiling plane, and that one variable controls glare, shadow line, and how much the fixture announces itself.

- Field-adjustable color temperature at 90 CRI
- New construction or remodel applications
- Cut-out template and quick-connect driver lead
- Spring-loaded retention clips pull the trim flush to the ceiling
- Five trim styles: deep regress, trimless, gimbal, regressed gimbal, and floating gimbal
- Round and square in white or black

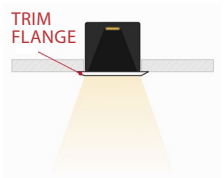
Select by aperture.

R
Recessed

Source set deep behind the aperture

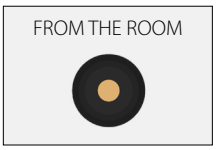


CROSS SECTION

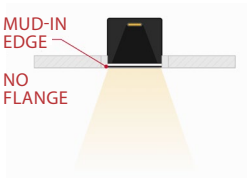


R…TL
Trimless

Flange plasters in; no trim ring



CROSS SECTION

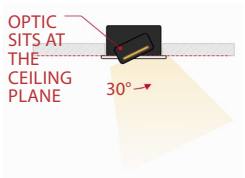


G
Gimbal

Aims 30° at the trim plane

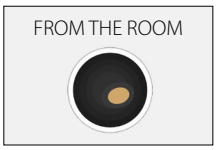


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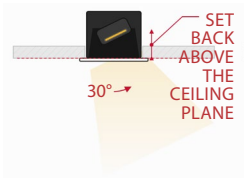


GR
Recessed Gimbal

Aims 30° from behind the aperture

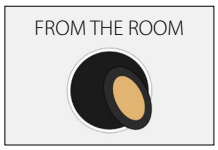


CROSS SECTION

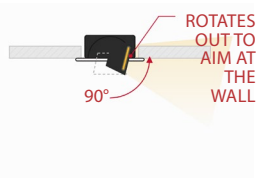


GF
Floating Gimbal

90° tilt, aimable



CROSS SECTION



APERTURE	RECESSED	TRIMLESS RECESSED	TRIMLESS RECESSED GIMBAL	GIMBAL	RECESSED GIMBAL	FLOATING
2″	R2-10 · 820 lm R2-15 · 1,230lm	R2TL · 550 lm	GR2TL · 400 lm	G2 · 400 lm	GR2 · 400 lm	—
3″	R3-9 · 750 lm R3-15 · 1,230 lm	R3TL · 1,000 lm	GR3TL · 600 lm	G3 · 750 lm	GR3 · 750 lm	GF3 · 600 lm
4″	R4-22 · 2,000 lm R4-32 · 2,800 lm	R4TL · 1,600 lm	GR4TL · 1,000 lm	G4 · 1,250 lm	GR4 · 1,250 lm	GF4 · 1,000 lm
6″	—	—	—	—	—	GF6 · 1,250 lm

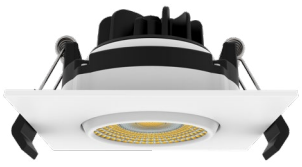
Select shape and finish.



Round · White



Round · Black



Square · White



Square · Black

Every aperture size is offered round and square forms, in white or black, so a single ceiling plan can hold one shape throughout or be deliberately mixed without leaving the family.

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Deep Regress

Flanged

A deep regress sets the light source well behind the aperture, so the ceiling reads as a small dark opening rather than a bright disc.







2″ · 10W — 820 lm · 75W equiv · 120V · IC rated

CATALOG #	SHAPE	FINISH / TRIM	UPC	CASE
R2-10	Round	White	192552060745	12
R2-10-K	Round	Black	192552060752	12
R2S-10	Square	White	192552060769	12
R2S-10-K	Square	Black	192552060776	12

2″ · 15W — 1,230 lm · 125W equiv · 120–277V

CATALOG #	SHAPE	FINISH / TRIM	UPC	CASE
R2-15	Round	White	192552060783	12
R2-15-K	Round	Black	192552060790	12
R2S-15	Square	White	192552060806	12
R2S-15-K	Square	Black	192552060813	12

3″ · 9W — 750 lm · 65W equiv · 120V · IC rated

CATALOG #	SHAPE	FINISH / TRIM	UPC	CASE
R3-9	Round	White · Smooth	192552029087	12
R3-9-K	Round	Black · Smooth	192552060820	12
R3-9B	Round	White · Baffle	192552029063	12
R3S-9	Square	White · Smooth	192552060844	12
R3S-9-K	Square	Black · Smooth	192552060868	12
R3S-9B	Square	White · Baffle	192552029100	12

3″ · 15W — 1,230 lm · 125W equiv · 120V · IC rated

CATALOG #	SHAPE	FINISH / TRIM	UPC	CASE
R3-15	Round	White · Smooth	192552029094	12
R3-15-K	Round	Black · Smooth	192552060837	12
R3-15B	Round	White · Baffle	192552029070	12
R3S-15	Square	White · Smooth	192552060851	12
R3S-15-K	Square	Black · Smooth	192552060875	12
R3S-15B	Square	White · Baffle	192552029117	12

4″ · 9/14/22W — 1,000/1,500/2,000 lm · 100–150W equiv · 120V · IC rated

CATALOG #	SHAPE	FINISH / TRIM	UPC	CASE
R4-22	Round	White	192552060882	12
R4-22-K	Round	Black	192552060899	12
R4S-22	Square	White	192552060905	12
R4S-22-K	Square	Black	192552060912	12

4″ · 20/26/32W — 2,000/2,500/2,800 lm · 150–250W equiv · 120–277V

CATALOG #	SHAPE	FINISH / TRIM	UPC	CASE
R4-32	Round	White	192552060929	12
R4-32-K	Round	Black	192552060936	12
R4S-32	Square	White	192552060943	12
R4S-32-K	Square	Black	192552060950	12

Both 4″ models offer selectable wattage and color temperature.

Deep Regress

Trimless

All models include a flange that plasters into the ceiling so the aperture reads as a clean opening.





2" Trimless · 9W			550 lm · 120V	
CATALOG #	SHAPE	FINISH	UPC	CASE
R2TL	Round	White	192552033756	12
R2TLB	Round	Black	192552033763	12
R2STL	Square	White	192552033770	12
R2STLB	Square	Black	192552033787	12

3" Trimless · 15W			1,000 lm · 120V	
CATALOG #	SHAPE	FINISH	UPC	CASE
R3TL	Round	White	192552033794	12
R3TLB	Round	Black	192552033800	12
R3STL	Square	White	192552033817	12
R3STLB	Square	Black	192552033824	12

4" Trimless · 20W			1,600 lm · 120V	
CATALOG #	SHAPE	FINISH	UPC	CASE
R4TL	Round	White	192552033831	6
R4TLB	Round	Black	192552033848	6
R4STL	Square	White	192552033855	6
R4STLB	Square	Black	192552033862	6



Gimbal

Gimbal

Unlike a fixed downlight, a trim-plane gimbal can tilt up to 30° with the same apertures, same color rendering quality, and same mounting.





2″ · 6W			400 lm · 50W equiv · 30° tilt	
CATALOG #	SHAPE	FINISH / BEAM	UPC	CASE
G2	Round	White · 38°	192552029124	12
G2NB	Round	White · 20°	192552029131	12
G2-K	Round	Black · 38°	192552060967	12
G2S	Square	White · 38°	192552060998	12
G2S-K	Square	Black · 38°	192552061025	12

3″ · 9W			750 lm · 65W equiv · 30° tilt	
CATALOG #	SHAPE	FINISH / TRIM	UPC	CASE
G3	Round	White	192552029148	12
G3-K	Round	Black	192552060974	12
G3S	Square	White	192552061001	12
G3S-K	Square	Black	192552061032	12

4″ · 15W			1,250 lm · 125W equiv · 30° tilt	
CATALOG #	SHAPE	FINISH / TRIM	UPC	CASE
G4	Round	White	192552029155	12
G4-K	Round	Black	192552060981	12
G4S	Square	White	192552061018	12
G4S-K	Square	Black	192552061049	12

Recessed Gimbal

Aims like a gimbal, hides like a recessed. The source stays behind the aperture through the full 30° tilt, so it stays out of view from a seated position.



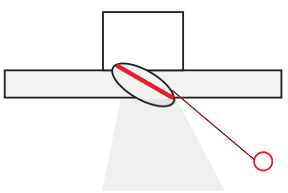


2″ · 6W			400 lm · 50W equiv · 30° tilt	
CATALOG #	SHAPE	FINISH / BEAM	UPC	CASE
GR2	Round	White · 38°	192552029162	12
GR2NB	Round	White · 20°	192552029179	12
GR2-K	Round	Black · 38°	192552061056	12
GR2S	Square	White · 38°	192552061087	12
GR2S-K	Square	Black · 38°	192552061117	12

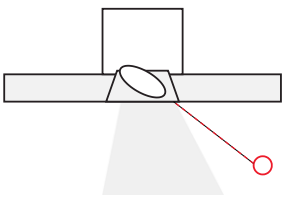
3″ · 9W			750 lm · 65W equiv · 30° tilt	
CATALOG #	SHAPE	FINISH / TRIM	UPC	CASE
GR3	Round	White	192552029186	12
GR3-K	Round	Black	192552061063	12
GR3S	Square	White	192552061094	12
GR3S-K	Square	Black	192552061124	12

4″ · 15W			1,250 lm · 125W equiv · 30° tilt	
CATALOG #	SHAPE	FINISH / TRIM	UPC	CASE
GR4	Round	White	192552029193	12
GR4-K	Round	Black	192552061070	12
GR4S	Square	White	192552061100	12
GR4S-K	Square	Black	192552061131	12

Why recess the gimbal?



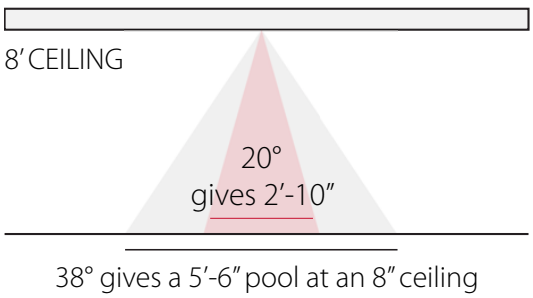
G
Source Visible at Tilt



GR
Source Shielded

Beam angle

Narrow beam available on 2″ round models only — G2NB and GR2NB.



Gimbal *(cont'd)*

Also available trimless*





2" Trimless · 6W			400 lm · 120V	
CATALOG #	SHAPE	FINISH	UPC	CASE
GR2TL	Round	White	192552033879	12
GR2TLB	Round	Black	192552033886	12
GR2STL	Square	White	192552033893	12
GR2STLB	Square	Black	192552033909	12

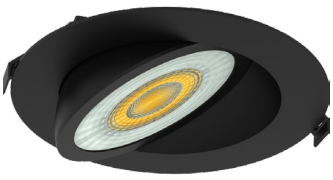
3" Trimless · 9W			600 lm · 120V	
CATALOG #	SHAPE	FINISH	UPC	CASE
GR3TL	Round	White	192552033916	12
GR3TLB	Round	Black	192552033923	12
GR3STL	Square	White	192552033930	12
GR3STLB	Square	Black	192552033947	12

4" Trimless · 15W			1,000 lm · 120V	
CATALOG #	SHAPE	FINISH	UPC	CASE
GR4TL	Round	White	192552033954	6
GR4TLB	Round	Black	192552033961	6
GR4STL	Square	White	192552033978	6
GR4STLB	Square	Black	192552033985	6

**Trimless recessed gimbal offers the same 30° tilt and field-adjustable CCT as the standard trim models.*

Floating Gimbal

These models provide 90° of tilt, a 360° rotation and a trim that recedes so the aperture reads as an opening in the ceiling rather than a fixture. Round only, in three sizes — including the only 6" aperture in the family.







Floating Gimbal		90° Tilt · 38° Beam · 120V TRIAC/ELV · IC rated		
CATALOG #	APERTURE	FINISH	UPC	CASE
GF3	3" round	White	192552061148	12
GF3-K	3" round	Black	192552061155	12
GF4	4" round	White	192552029209	12
GF4-K	4" round	Black	192552061162	12
GF6	6" round	White	192552061179	12
GF6-K	6" round	Black	192552061186	12

Accessories

We offer various plates, cables, and universal-voltage drivers built for small-aperture downlights.

New-construction mounting plates — match to aperture

APERTURE	TYPE	FIXTURES	PLATE	IMAGE	DETAIL
2″	Gimbal	G2 series · GR2 series	DLPLATE-2/NB		2″ hole
2″	Recessed	R2-10 series · R2-15 series	DLPLATE-2.5/NB		2.5″ hole · 2.5″ cutout
3″	All types	R3 series · G3 series · GR3 series · GF3 series	DLPLATE-3/NB		3″ hole
4″	All types	R4 series · G4 series · GR4 series · GF4 Series	DLPLATE-4/NB		4″ hole

Also compatible with existing RAB plates DLPLATE/AS/23456, DLPLATE/ASL/23456, DLPLATE/WFR3456 and DLPLATE/WFR3456/BP.

Universal-voltage drivers — 120–277V field conversion

Every fixture ships as 120V. When the job requires 120–277V, order the matching universal driver and swap it in the field — same fixture, same aperture, same ceiling detail. All drivers dim on TRIAC/ELV or 0-10V.

FIXTURES	DRIVER	DETAIL
R2-10 series · G3 series · GR3 series · GR3TL	R2-DRI-9-UNV	9W · cylinder · 2.5″
R2-15 series · R3TL	R2-DRI-15-UNV	15W · cylinder · 2.5″
R3-9	R3-DRI-9-UNV	9W · square · 3″
R3-15 · G4, GR4, GR4TL · GF6	R3-DRI-15-UNV	15W · square · 3″
R4TL - R4-22	R4-DRI-20S-UNV	9/14/20W selectable · square
GF4 · GF4-K	R2-DRI-12-UNV / R3-DRI-12-UNV / R4-DRI-12S-UNV	12W cylinder 2.5″ · 12W square 3″ · 8/10/12W selectable square

Emergency battery drivers — 90 minutes of egress light

With the below drivers, any downlight in this family becomes an emergency luminaire. Match the driver to the fixture's maximum wattage — the driver must equal or exceed it. Rated 100–347V and 0–10V dimmable, so an emergency driver also carries a 120V fixture onto a commercial voltage service.

IMAGE	DRIVER	DETAIL	COVERS	FIXTURES
	EMB-9	9W · 100–347V · 0–10V dim	Up to 9W	All 6W, 7W and 9W models — every 2″ gimbal and recessed gimbal, all 3″ gimbals, GF3, R3-9 series, 2″ trimless
	EMB-15	15W · 100–347V · 0–10V dim	Up to 15W	10W, 12W and 15W model — R2-10, R2-15, R3-15, all 4″ gimbals, GF4, GF6, 3″ and 4″ trimless gimbal
	EMB-25	25W · 100–347V · 0–10V dim	Up to 25W	R4-22 series and 4″ trimless recessed

R4-32 series exceeds 25W at full output; set the selector to 20W to pair with EMB-25.

Accessories *(cont'd)*

Extension cables — compatible with all fixtures

IMAGE	CATALOG #	LENGTH
	EXTCBL-6-3P	6 ft
	EXTCBL-10-3P	10 ft
	EXTCBL-20-3P	20 ft

Specifications and Ordering

FIELD ADJ. · NO HOUSING REQUIRED · IC RATED* · WET RATED · 120V* · 50,000 HRS · TRIAC/ELV DIMMABLE · 90 CRI · RoHS · CAN BE USED TO COMPLY WITH TITLE 24 PART 6 JA8 HIGH EFFICACY LED LIGHT SOURCE REQUIREMENTS

**The following SKUs run universal voltage with 0-10V dimming and are not IC rated: R2-15, R2-15-K, R2S-15, R2S-15-K, R4-32, R4-32-K, R4S-32, R4S-32-K.*

SERIES	CEILING CUTOUT	TRIM DIAMETER	DEPTH
R2-10 · R2-15	2 5/8"	3 1/8"	2 3/8"
R3-9 · R3-15	3"	3 3/4"	2 9/16"
R4-22 · R4-32	3 15/16"	5"	2 15/16"
G2	2 3/16"	2 9/16"	1 1/4"
G3	3"	3 3/8"	1 9/16"
G4	4 5/16"	5"	2"
GR2	2 3/16"	3"	1 7/8"
GR3	3"	3 9/16"	2 7/16"
GR4	4 5/16"	5 1/8"	3"
GF3	3"	3 9/16"	1 3/16"
GF4	4 5/16"	4 7/8"	1 7/16"
GF6	6"	6 7/8"	1 15/16"

Square models share the cutout and depth of their round counterpart; trim dimension is the stated figure square. Depth excludes the remote driver box, which mounts separately: 4 1/4 × 5 × 2" on 2" and 3" gimbal models, 4 15/16 × 2 1/2 × 1 3/16" on all others. Trimless dimensions on request. No mounting plate is offered for the 6" aperture; GF6 is a retrofit or cut-in installation.

Narrow beam available on 2" round models only. Floating gimbal available in 3", 4" and 6" round only. Baffle trim available on 3" recessed only. Trimless available in recessed and recessed gimbal, 2"- 4". On trimless catalog numbers B denotes black finish; on fixed-trim recessed catalog numbers B denotes baffle trim.

5 YEAR NO-COMPROMISE WARRANTY

Industry-leading warranty.

The RAB 5-year, no-compromise warranty covers light output, color stability, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Specifications and Ordering *(cont'd)*

Ordering Matrices

Family	Size	Shape		Wattage/Size	Trim		Finish
R			-			-	
R Deep Regress Recessed	2 2″ 3 3″ 4 4″	Blank Round S Square		9 9W, 3″ 10 10W, 2″ 15 15W, 2″ and 3″ 22 10/16/22W, 4″ 32 20/26/32W, 4″	Blank Smooth Baffle Baffle, 3″ only		Blank White K Black

Family	Size/ Wattage	Shape	Beam		Finish
G				-	
G Gimbal	2 2″, 6W 3 3″, 9W 4 4″, 15W	Blank Round S Square	Blank 38° NB 20°, 2″ round only		Blank White K Black
GR				-	
GR Recessed Gimbal	2 2″, 6W 3 3″, 9W 4 4″, 15W	Blank Round S Square	Blank 38° NB 20°, 2″ round only		Blank White K Black

Family	Size/ Wattage		Shape
GF		-	
GF Floating Gimbal	3 3″, 7W 4 4″, 12W 6 6″, 15W		Blank White K Black

Trimless

Family	Size	Shape	Trim	Finish
			TL	
R Deep Regress GR Recessed Gimbal	2 2″ 3 3″ 4 4″	Blank Round S Square	TL Trimless	Blank White B Black