

V-RF SERIES LED LIGHT BARS

Set where you like,
Light where you need.



40mm(1.58") Height, Slim & Stylish Design.

From November 2022-



Key Features;

1. Upgraded successor of RF series.
Same "Reflector" system optics design.
2. Slim & Light stylish design: 40mm height
Naturally blends into vehicle's design.
3. 6 length variation: 7"/10"/20"/30"/40"/50"
No need to connect lamps to extend length.
4. ECE: 5 length with ECE R112
(7"/10"/20"/30"/40": ECE, 50": No ECE)

Spec Info: (Size)

NEW: V-RF Series LED Light Bars

NAME	PIAA PN	Width	Height	Depth	Weight
V-RF7	DKVR73E	7" 177mm	40mm	54mm	493g
V-RF10	DKVR105E	10" 246mm	40mm	54mm	640g
V-RF20	DKVR205E	20" 522mm	40mm	54mm	1265g
V-RF30	DKVR305E	30" 798mm	40mm	54mm	1850g
V-RF40	DKVR405E	40" 1005mm	40mm	54mm	2500g
V-RF50	DKVR509	50" 1200mm	40mm	54mm	3100g

S-RF Series LED Light Bars (with ECE)

(Reference)

NAME	PIAA PN	Width	Height	Depth	Weight
S-RF20	DKSR209E	20" 526mm	45mm	52mm	1440g

RF Series LED Light Bars

(Reference)

NAME	PIAA PN	Width	Height	Depth	Weight
RF6	DKRF65X DSRF65X	6" 161mm	60mm	90mm	730g
RF10	DKRF105X DSRF105X	10" 255mm	60mm	90mm	1180g
RF18	DKRF185E DSRF185E	18" 443mm	60mm	90mm	2100g

V-RF: RF series -20mm height. Slim design



40mm

60mm



Spec Info: (Output)

NEW: V-RF Series LED Light Bars

NAME	PIAA PN	Color	Lumen	Candela	Wattage	ECE
V-RF7	DKVR73E	5800K	2,500	99,600	30W	○
V-RF10	DKVR105E	5800K	3,800	112,400	45W	○
V-RF20	DKVR205E	5800K	8,800	233,000	105W	○
V-RF30	DKVR305E	5800K	14,000	263,000	165W	○
V-RF40	DKVR405E	5800K	18,000	247,000	210W	○
V-RF50	DKVR509	5800K	22,000	801,000	250W	-

S-RF Series LED Light Bars (with ECE)

NAME	PIAA PN	Color	Lumen	Candela	Wattage	ECE
S-RF20	DKSR209E	5600K	4,050	153,800	57W	○

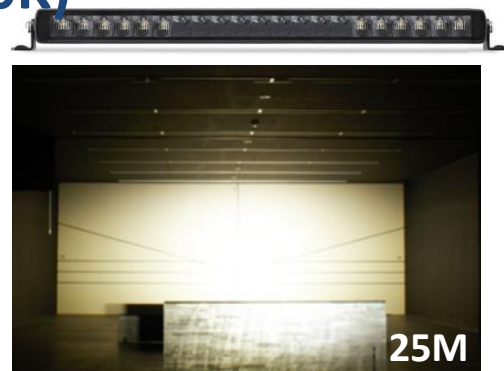
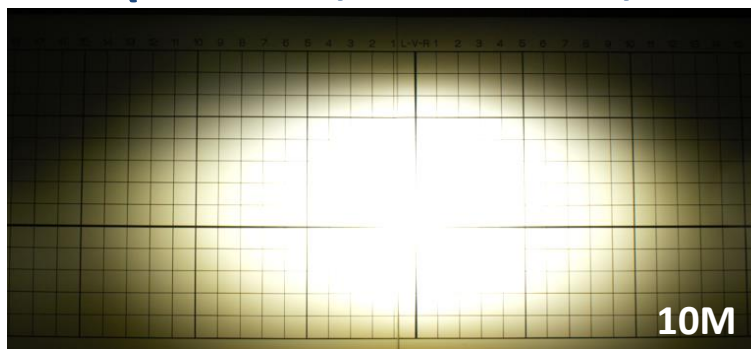
RF Series LED Light Bars

NAME	PIAA PN	Color	Lumen	Candela	Wattage	ECE
RF6	DKRF65X DSRF65X	6000K	750	45,000	17W	○
RF10	DKRF105X DSRF105X	6000K	1,350	70,000	33W	○
RF18	DKRF185E DSRF185E	6000K	2,800	166,000	71W	○

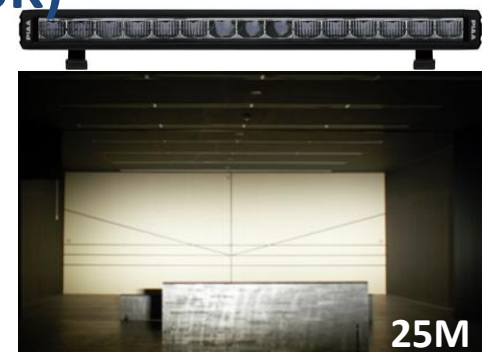
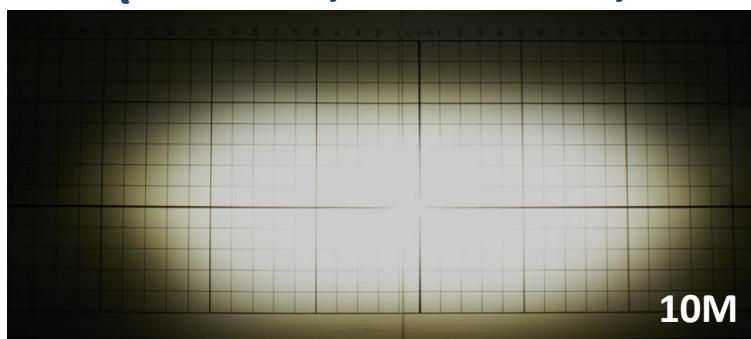
V-RF: x3 Lumen, +40% Candela compared to same length RF lamp. (V-RF20 vs RF18)

Beam image 20" comparison:

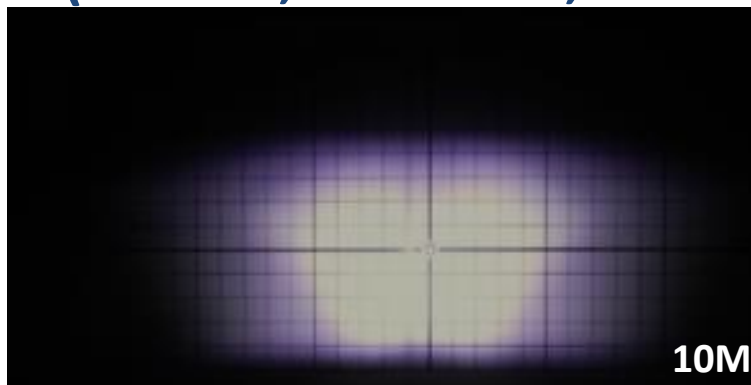
V-RF20 (8800lm, 233000cd, 5800K)



S-RF20 (4050lm, 153800cd, 5600K)



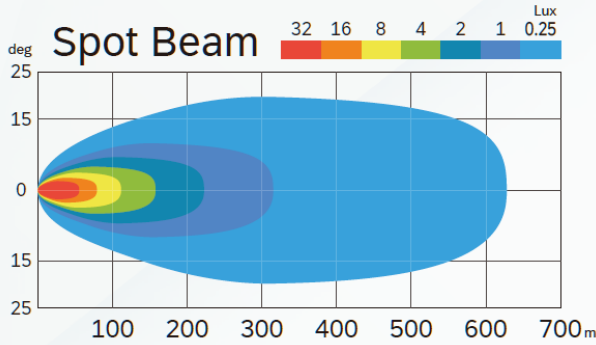
RF18 (2800lm, 166000cd, 6000K)



V-RF: All length symmetric, Oval beam pattern.

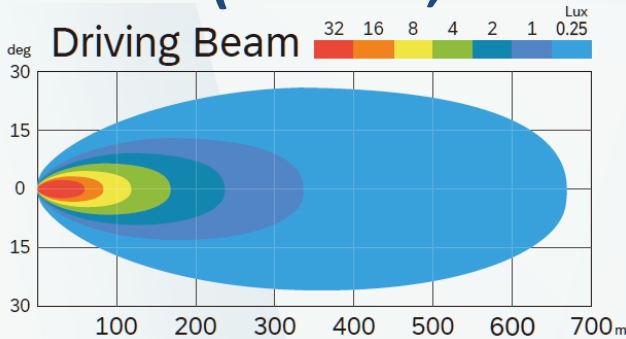
Beam Image (Bird eye)

V-RF7 (2500lm, 99600cd, 5800K) * ECE



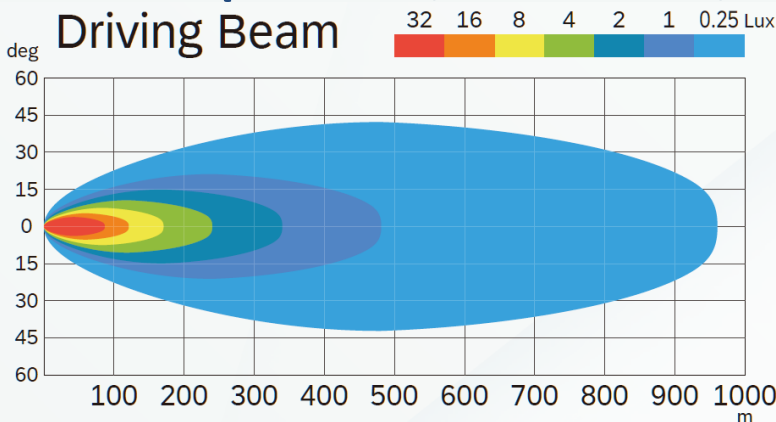
8lux:100M
4lux: 150M
1lux: 300M
0.25lux: 620M

V-RF10 (3800lm, 112400cd, 5800K) * ECE



8lux:120M
4lux: 180M
1lux: 320M
0.25lux: 650M

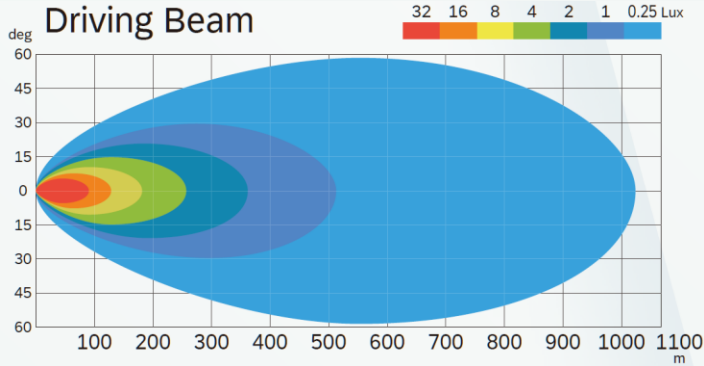
V-RF20 (8800lm, 233000cd, 5800K) * ECE



8lux:150M
4lux: 250M
1lux: 480M
0.25lux: 950M

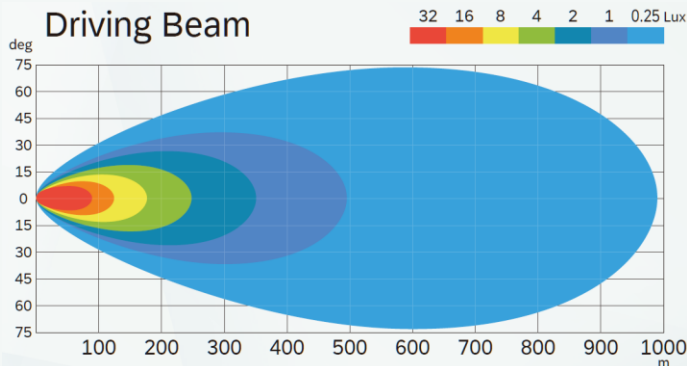
Beam Image (Bird eye)

V-RF30 (14000lm, 263000cd, 5800K) * ECE



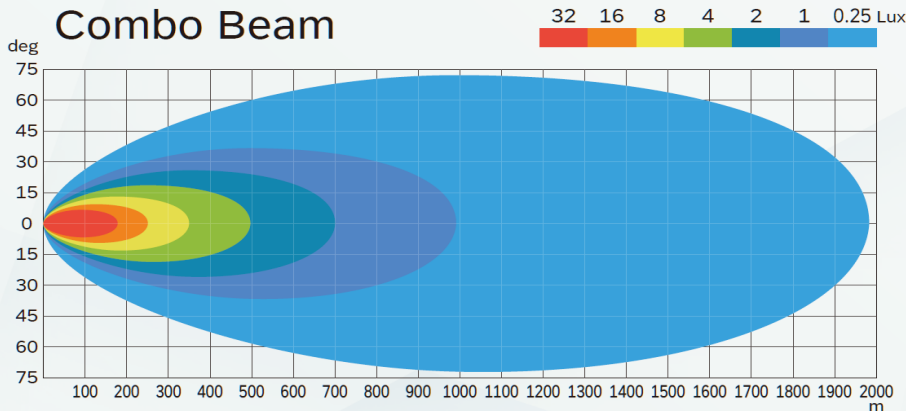
8lux:180M
4lux: 250M
1lux: 500M
0.25lux: 1100M

V-RF40 (18000lm, 247000cd, 5800K) * ECE



8lux:180M
4lux: 250M
1lux: 500M
0.25lux: 1000M

V-RF50 (22000lm, 801000cd, 5800K)



8lux:350M
4lux: 500M
1lux: 1000M
0.25lux: 1800M

Other Features:

- IP67 rated water & dust durability.
- 2 Years factory warranty.
- **Versatile**
- Slim and low profile design for versatile application.
- Both On-road and Off-road vehicle suitable design.
- Lamp design naturally blends into vehicle's style.

Mounting image
Front bumper: V-RF20 / Roof: V-RF30



TOYOTA C-HR

**Slim design: Not only for Heavy duty 4x4,
but for Crossover SUV and Street cars.**

NEW PRODUCT INFORMATION:

Other Features:

- Side & Bottom: 2 Way mounting (same as RF)
- No lamp connection function.
- Can mount upside-down (hanging)



Side bracket



Top-bottom bracket

- New PIAA waterproof switch unit included.

DT connector
lamp socket



Lamp
ON:
Green

- Package Image
- White color + V-RF brand image color: Green

PIAA
V-RF SERIES
LED LIGHT BARS
Established in 1963. The Road to Better Visibility Starts with PIAA.

Set where you like, Light where you need.

105 WATTS 9250 LUMENS Driving BEAM 5800 KELVIN Compatible ECE

20"



40mm[1.58"] Height. Slim & Stylish Design.

Product Launch schedule:

- * From November 2022
 - All length V-RF lamp kits.
- * From Q1 2023-
 - Optional black & amber lamp cover.

Lamp cover image:



Marketing Materials schedule:

- * Product image
 - Still image, white background for web.
 - > November 2022
- * Video materials
 - Introduction video of lamp's features.
 - Lifestyle, image video of V-RF series.
 - > November 2022
 - Will be uploaded on PIAA youtube. Data available.

