



Signature-R Series

Signature-R is a compact, high efficiency lighting tool for all budgets. With adjustable power and lumen packages, interchangeable optics, and variety of light colors, it is designed to cater all LED lighting needs for retail sector and commercial premises. Great option for customers looking to replace metal halide luminaires for equivalent amount of LED light at significantly reduced demand for electricity. Crafted with precision and attention to detail, this lighting tool combines versatility with minimalist design. Installation to 3-Circuit tracks and orientation to store merchandise is made easy by 350° rotation and 90° vertical adjustability.

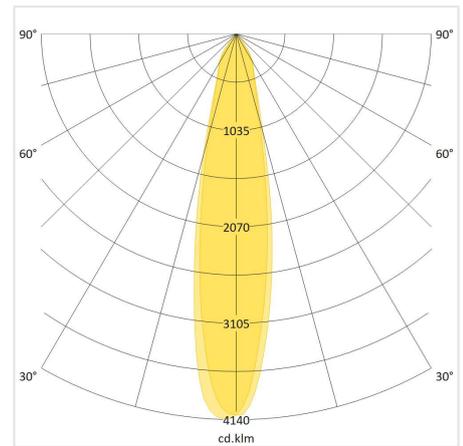
Champion Energy Efficiency

Powered by industry leading HE light source and high reflectivity optics, Signature-R is one of the most efficient lighting tools in the market.

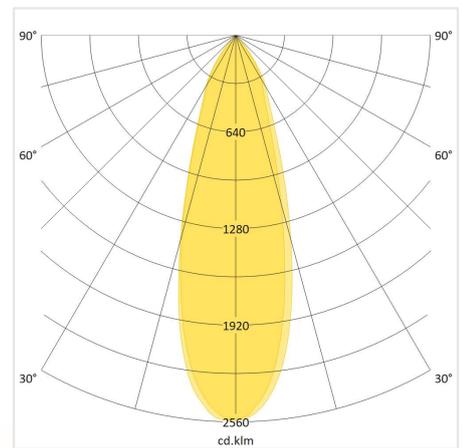
Technical Family Data

Power Range	11-25 W (Dip Switch: 300-650mA)
Installation	3-Circuit Tracks
Connection	220-240Vac, 50/60Hz
Control Types	On/Off, Dimmable by Request
Color Tolerance	2-SDCM
Optics	High Efficiency Reflector: Narrow 20°, Flood 30°, Wide Flood 40°
Lumen Maintenance	L90B50 >50.000h, L80B10 >60.000h
Material	Powder Coated Die Cast Aluminium
Protection	Class II, IP 20
Weight	450g
Colors	White, Black

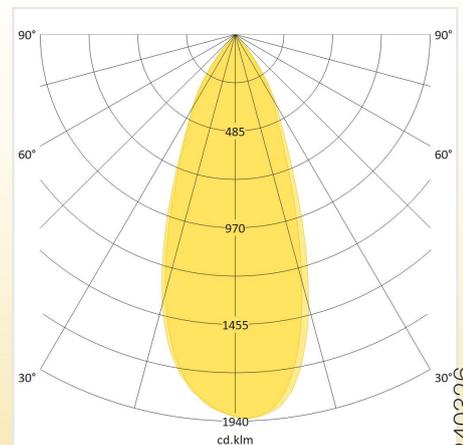
Light Distribution



Narrow 20°



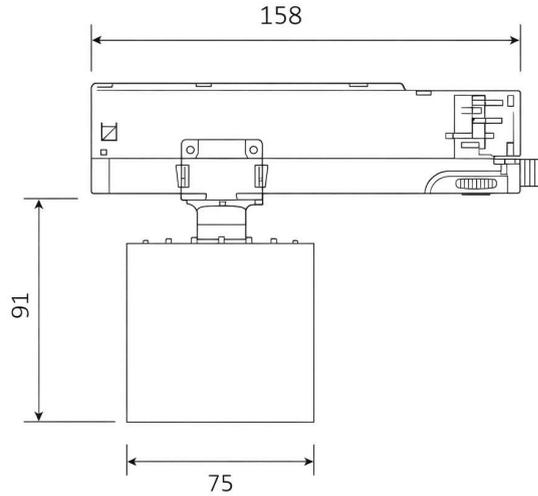
Flood 30°



Wide Flood 40°

V03-240326

Dimensional Sketch



Technical Performance Table

LED Type*	Input Current	COB Flux	COB Power	System Flux**	Total Consumption
CRI90+ 3000K Below BBL Efficient White	650mA	3 750 Lm	22,2 W	3 400 Lm	24,9 W
	600mA	3 475 Lm	20,4 W	3 150 Lm	22,9 W
	550mA	3 225 Lm	18,6 W	2 900 Lm	20,9 W
	500mA	2 950 Lm	16,8 W	2 650 Lm	18,9 W
	400mA	2 400 Lm	13,3 W	2 150 Lm	15,1 W
	350mA	2 125 Lm	11,5 W	1 900 Lm	13,1 W
	300mA	1 850 Lm	9,8 W	1 650 Lm	11,3 W
CRI90+ 3500K Below BBL Efficient White	650mA	3 875 Lm	22,2 W	3 500 Lm	24,9 W
	600mA	3 600 Lm	20,4 W	3 250 Lm	22,9 W
	550mA	3 325 Lm	18,6 W	3 000 Lm	20,9 W
	500mA	3 050 Lm	16,8 W	2 750 Lm	18,9 W
	400mA	2 475 Lm	13,3 W	2 250 Lm	15,1 W
	350mA	2 200 Lm	11,5 W	2 000 Lm	13,1 W
	300mA	1 900 Lm	9,8 W	1 700 Lm	11,3 W
CRI90+ 4000K Efficient Cool	650mA	3 925 Lm	22,2 W	3 550 Lm	24,9 W
	600mA	3 650 Lm	20,4 W	3 300 Lm	22,9 W
	550mA	3 375 Lm	18,6 W	3 050 Lm	20,9 W
	500mA	3 100 Lm	16,8 W	2 800 Lm	18,9 W
	400mA	2 500 Lm	13,3 W	2 250 Lm	15,1 W
	350mA	2 225 Lm	11,5 W	2 000 Lm	13,1 W
	300mA	1 925 Lm	9,8 W	1 750 Lm	11,3 W

*Light source EPREL energy efficiency class D (CRI90+ 3000K, 3500K, 4000K)

**System flux based on narrow light distribution

Technical details are subject to change. Luminous flux, connected load and efficiency values have +/- 10% tolerance.

