Hilo-L Series

Versatile, recessed downlight Hilo champions functionality. When swiveled, it functions as a powerful accent lighting tool or a wall washer and when flush, it offers comfortable, yet powerful general light.

Extreme Flexibility

With adjustable power and lumen packages, interchangeable optics, and variety of light colors, Hilo is designed to cater all LED lighting needs for retail sector and commercial premises. Hilo downlight is the perfect combination of style and performance, allowing you complete control over your lighting needs.

Interchangeable Optics

The optics within and between Hilo -L and -R are easily interchangeable by twist lock front-ring:

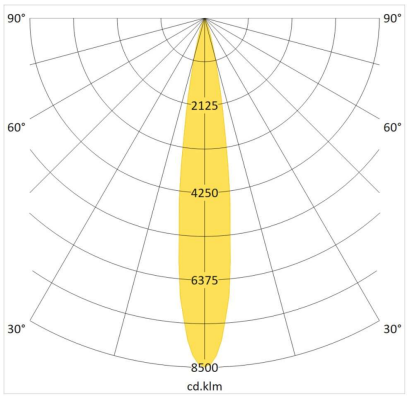
- The "-L" version uses sophisticated TIR lens technology for more concentrated light, delivering uniform light cone without color drift within the beam.
- The "-R" version uses a highly reflective, efficient aluminium reflector.

Hilo-L is available with honeycomb accessory.

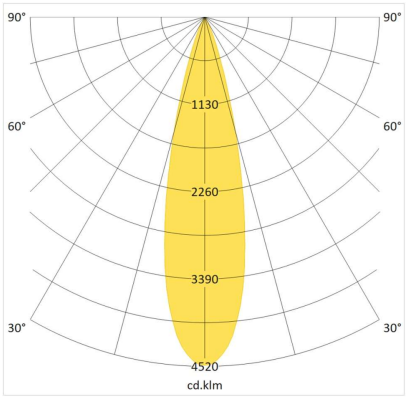
Technical Family Data

Power Range	11 – 43W (Dip Switch: 300 – 1050mA)
Installation	Recessed, Ceiling Mounted
Connection	220-240Vac, 50/60Hz
Control Types	On/Off, Dimmable by Request
Color Tolerance	2-SDCM
Optics	Diamond Facet TIR Lens: Spot 16°, Narrow 25°, Flood 38°
Lumen Maintenance	L90B50 >50.000h, L80B10 >60.000h
Material	Powder Coated Die Cast Aluminium
Protection	Class I, IP 20
Weight	~1170g
Colors	White, Black

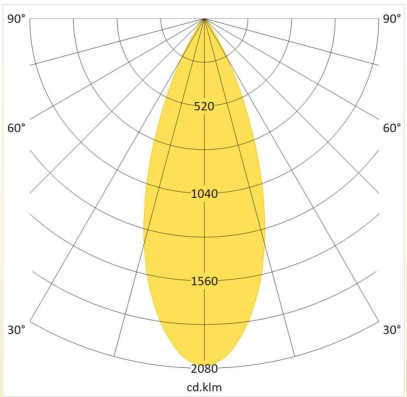
Light Distribution



Spot 16°

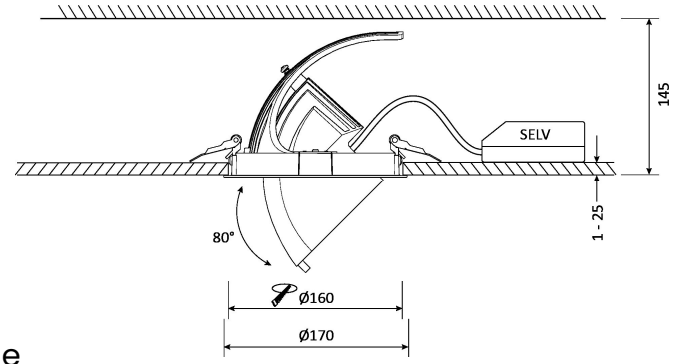


Narrow 25°



Flood 38°

Dimensional Sketch



Technical Performance Table

LED Type*	Input Current	COB Flux	COB Power	System Flux**	Total Consumption
CRI90+ 2700K Below BBL Warm White	1050mA	3900 Lm	38,5 W	3400 Lm	42,7 W
	850mA	3350 Lm	30,6 W	2900 Lm	34,0 W
	650mA	2700 Lm	22,8 W	2350 Lm	25,3 W
	400mA	1750 Lm	13,6 W	1500 Lm	15,1 W
	300mA	1350 Lm	10,0 W	1150 Lm	11,1 W
CRI90+ 3000K Below BBL Clean White	1050mA	4100 Lm	38,5 W	3550 Lm	42,7 W
	850mA	3500 Lm	30,6 W	3000 Lm	34,0 W
	650mA	2800 Lm	22,8 W	2450 Lm	25,3 W
	400mA	1850 Lm	13,6 W	1600 Lm	15,1 W
	300mA	1400 Lm	10,0 W	1200 Lm	11,1 W
CRI90+ 3500K Below BBL	1050mA	4150 Lm	38,5 W	3600 Lm	42,7 W
	850mA	3550 Lm	30,6 W	3050 Lm	34,0 W
	650mA	2850 Lm	22,8 W	2450 Lm	25,3 W
	400mA	1850 Lm	13,6 W	1600 Lm	15,1 W
	300mA	1450 Lm	10,0 W	1250 Lm	11,1 W
CRI90+ 4000K Cold White	1050mA	4350 Lm	38,5 W	3800 Lm	42,7 W
	850mA	3700 Lm	30,6 W	3200 Lm	34,0 W
	650mA	3000 Lm	22,8 W	2600 Lm	25,3 W
	400mA	1950 Lm	13,6 W	1700 Lm	15,1 W
	300mA	1500 Lm	10,0 W	1300 Lm	11,1 W
2000K Meat	1050mA	2800 Lm	37,8 W	2450 Lm	42,0 W
	850mA	2300 Lm	29,9 W	2000 Lm	33,2 W
	650mA	1800 Lm	22,3 W	1550 Lm	24,8 W
	400mA	1150 Lm	13,2 W	1000 Lm	14,7 W
	300mA	900 Lm	9,8 W	800 Lm	10,9 W
2400K Bakery / Pastry	1050mA	3300 Lm	37,8 W	2850 Lm	42,0 W
	850mA	2750 Lm	29,9 W	2400 Lm	33,2 W
	650mA	2150 Lm	22,3 W	1850 Lm	24,8 W
	400mA	1350 Lm	13,2 W	1150 Lm	14,7 W
	300mA	1050 Lm	9,8 W	900 Lm	10,9 W

**Light source EPREL energy efficiency class E (CRI90+ 3000K, 3500K, 4000K, Bakery), F (Meat)*
***System flux based on spot light distribution*

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

Product Family Imagery

HILO-**L**
Lens

HILO-**R**
Reflector

HILO-**L**
Lens

HILO-**R**
Reflector

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