

510C high intensity recessed downlight

This is a high intensity recessed suitable for replacement of traditional downlight using metal halide or halogen lamp. Its exquisite and noble outlook is designed for high-end concourse and shops lighting applications.



General Characteristic

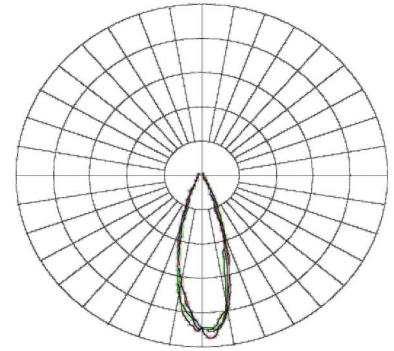
Material of housing	Die-cast aluminium alloy
Reflector	Multifaceted aluminium
Trim color	Ivory white
Rated life span	50000 hours (accumulative)
Ingress protection	IP44
Industrial standard	IEC 62384 / LM-80
Certification	CE, RoHS

Light Characteristic

Light source	Lustrous COB or equivalent
Color rendering index	CRI≥80 Ra
Color temperature	3200K (K3); 4200K (K4); 6500K
Luminous efficacy	85 lumen per watt
Standard function	Non-dimmable
Dimmable (dimmer switch)	TRIAC driver (optional)
Dimmable (central dimming)	Potentiometer driver (optional)

Electrical Characteristic

Input power	85~265VAC, 50/60Hz
Power supply	Built-in LED driver
Power factor	≥0.95
Operation temp	-20°C ~+50°C
Overload protection	95%~108% constant current limiting, auto-recovery
Over voltage protection	110%~140% rated output voltage
Operation humidity	95% Rh @-20°C to 50°C
Wire interface	No polarity
Safety standards	UL60950-1, UL1012, TUV EN60950-1, EN61347-1-13 61347-2-
EMC standards	EN55015, EN55022 class B, EN61000-3-2 class C., EN61000-4-2, 3, 4, 5, 6, 8, 11, EN50204, EN61547



Typical Spectral Distribution

Product Specification

Model #	Power		Lumen	Size Overall (mm)			Compatibility	
	Rated	System		Trim	High	Cut-out	Halogen	HID
510C-060W05Kx	5.0W	5.3W	400~450lm	Ø73.0	40.0	Ø60 (2.4")	55W PAR lamp	38W R111
510C-100W10Kx	10.0W	10.5W	800~900lm	Ø110.0	68.0	Ø100 (4.0")	90W PAR lamp	39W MH PAR
510C-130W15Kx	15.0W	15.8W	1200~1350lm	Ø150.0	77.0	Ø130 (5.0")	100W PAR lamp	50W MH CMH
510C-130W20Kx	20.0W	21.0W	1600~1800lm	Ø150.0	82.0	Ø130 (5.0")	-	70W MH PAR
510C-160W15Kx	15.0W	15.8W	1200~1350lm	Ø180.0	90.0	Ø160 (6.3")	-	50W MH CMH
510C-160W20Kx	20.0W	21.0W	1600~1800lm	Ø180.0	90.0	Ø160 (6.3")	-	70W MH PAR
510C-160W25Kx	25.0W	26.3W	2000~2250lm	Ø180.0	90.0	Ø160 (6.3")	-	70W MH E28
510C-200W18Kx	18.0W	18.9W	1440~1620lm	Ø230.0	98.0	Ø200 (8.0")	-	2 x 18W CFL
510c-200W25Kx	25.0W	26.3W	2000~2250lm	Ø230.0	98.0	Ø200 (8.0")	-	70W CMH
510C-200W30Kx	30.0W	31.6W	2400~2700lm	Ø230.0	98.0	Ø200 (8.0")	-	70W MH ED28
510C-200W40Kx	40.0W	42.1W	3200~3600lm	Ø230.0	98.0	Ø200 (8.0")	-	100W CMH

