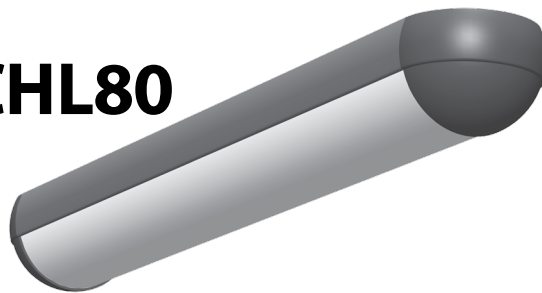


The image shows the exterior of a Lidl supermarket. A large red sign with the Lidl logo and the word 'MARKET' is visible on the left. The building has a grey facade with vertical slats. Two cylindrical ICHL LED luminaires are mounted on the ceiling of the entrance area. In the foreground, there is a red newspaper rack, a black trash bin, and a row of shopping carts. A silver car is partially visible on the left.

# ICHL LED LUMINAIRE FOR INDOOR LIGHTING fixing at the ceiling

- WORLDWIDE POWERED
- HIGH ENERGY EFFICIENCY
- NO MAINTENANCE COSTS
- LONG LIFECYCLE
- HIGH QUALITY AREA ILLUMINATION
- ERGONOMICAL – CLOSE TO NATURAL LIGHT
- ECOLOGICAL – MERCURY AND LEAD FREE

# ICHL11, ICHL18, ICHL17 ICHL30, ICHL40, ICHL60, ICHL80

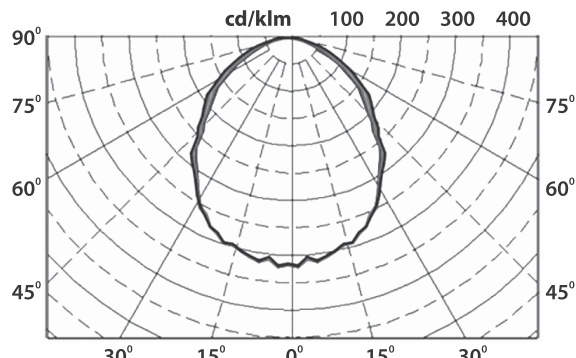


## APPLICATION

The ICHL luminaires are meant for lighting different kinds of indoor areas as per the architectural projects. They have been designed for ceiling fixing. "Pendant installation" is possible too.

## SPECIFICATIONS

	ICHL11	ICHL18	ICHL17	ICHL30	ICHL40	ICHL60	ICHL80	
AC Input Voltage	180 ÷ 264 VAC or 90 ÷ 132 VAC			90 ÷ 305 V				
DC Input Voltage	-			127 ÷ 431 V				
Mains Frequency	-			47 ÷ 63 Hz				
LED Power	8.2 W	14.4 W	13.6 W	30.4 W	36.9 W	57.6 W	73.8 W	
Power Efficiency	78 %	83 %	83 %	88 %	91 %	91 %	91 %	
Total Power	10.5 W	17.4 W	16.4 W	34.5 W	40 W	63 W	80 W	
LED Luminous Flux	990 lm	1840 lm	2222 lm	2821 lm	3752 lm	5357 lm	8216 lm	
Junction Temperature	70°C	70°C	60°C	70°C	70°C	75°C	70°C	
Optical Cover Efficiency (Matt)				84 %				
Real Luminaire Efficacy (LER)	81 lm/W	89 lm/W	108 lm/W	75 lm/W	79 lm/W	72 lm/W	79 lm/W	
Real Lamp Luminous Flux for								
Outdoor White (4000 ÷ 6200 K)	789 lm	1553 lm	1775 lm	2372 lm	3152 lm	4900 lm	6305 lm	
Neutral White (3700 ÷ 5000 K)	693 lm	1364 lm	1559 lm	2073 lm	2766 lm	3950 lm	5532 lm	
Warm White (2600 ÷ 4300 K)	607 lm	1195 lm	1366 lm	1865 lm	2489 lm	3555 lm	4978 lm	
Color Rendering Index for	Outdoor White Neutral White Warm White		CRI – 70 typical CRI > 70 CRI > 80					
Setting light intensity by a remote control				option				
Operating Temperature				- 20° ÷ +55°C				
Operating Humidity				10 ÷ 95 % RH				
Lifespan L70				> 120 000 h				
Ingress protection rating				IP 64				
Electrical Safety Class				Class II				
Body	Marine Grade Aluminium Alloy and coloured UV protected polycarbonate							
Optical cover (matt)	PMMA or polycarbonate							
Dimensions	L	360 mm	440 mm	700 mm	445 mm	550 mm	650 mm	1040 mm
	W				107 mm			
	H				82 mm			
Weight		1 kg	1.25 kg	2.1 kg	1.5 kg	1.7 kg	2 kg	3.3 kg



Eulumdat (.ldt) files will be sent upon request

## ORDERING ICHL

	ICHL11	ICHL18	ICHL17	ICHL30	ICHL40	ICHL60	ICHL80
Power	11 - 10.5 W	18 - 17.4 W	17 - 16.4 W	30 - 34.5 W	40 - 40.0 W	60 - 63.0 W	80 - 80.0 W
* Input Voltage	0 - 220 VAC	1 - 110 VAC					
Color temperature	0 - Outdoor White	1 - Neutral White	2 - Warm White				
Installation parts for suspended lamp						0 - no	1 - yes
Remote control						0 - no	1 - yes

\* Marker input voltage is only used for lighting ICHL11 and ICHL18.