

LEDTOUCH DOWNLIGHT 6

Indoor LED spotlights with 6 inch diameter



Areas of application

- Offices
- Shopping malls
- Retail
- Airports
- Hospitals
- Metro stations
- Public areas
- For indoor use only

Product family benefits

- Good glare reduction (UGR < 19)
- Even light distribution thanks to Fresnel and micro lenses
- Clear cast shadows (no ghost shadows) due to Chip-On-Board technology

Product family features

- Available with different wattages, beam angles and in various sizes
- Lifetime: up to 50,000 h



Product family datasheet

Technical data

Product description	Product information	Electrical data			
	Order reference	Operating mode	Connected load	Nominal wattage	Nominal voltage
LDTH DL 6 20 W 827 26°	LDTH DL 620 L26	ECG	20 W	20 W	220...240 V
LDTH DL 6 20 W 827 38°	LDTH DL 620 L38	ECG	20 W	20 W	220...240 V
LDTH DL 6 20 W 830 46°	LDTH DL 620 L46	ECG	20 W	20 W	220...240 V
LDTH DL 6 20 W 840 38°	LDTH DL 620 L38	ECG	20 W	20 W	220...240 V
LDTH DL 6 20 W 840 46°	LDTH DL 620 L46	ECG	20 W	20 W	220...240 V
LDTH DL 6 20 W 827 46°	LDTH DL 620 L46	ECG	20 W	20 W	220...240 V
LDTH DL 6 20 W 830 26°	LDTH DL 620 L26	ECG	20 W	20 W	220...240 V
LDTH DL 6 20 W 840 26°	LDTH DL 620 L26	ECG	20 W	20 W	220...240 V
LDTH DL 6 28 W 830 50°	LDTH DL 628 L50	ECG	28 W	28 W	220...240 V
LDTH DL 6 28 W 840 50°	LDTH DL 628 L50	ECG	28 W	28 W	220...240 V
LDTH DL 6 40 W 830 40°	LDTH DL 640 L40	ECG	40 W	40 W	220...240 V
LDTH DL 6 40 W 830 50°	LDTH DL 640 L50	ECG	40 W	40 W	220...240 V
LDTH DL 6 40 W 840 28°	LDTH DL 640 L28	ECG	40 W	40 W	220...240 V
LDTH DL 6 40 W 827 50°	LDTH DL 640 L50	ECG	40 W	40 W	220...240 V
LDTH DL 6 40 W 830 28°	LDTH DL 640 L28	ECG	40 W	40 W	220...240 V
LDTH DL 6 28 W 827 50°	LDTH DL 628 L50	ECG	28 W	28 W	220...240 V
LDTH DL 6 28 W 830 28°	LDTH DL 628 L28	ECG	28 W	28 W	220...240 V
LDTH DL 6 28 W 830 40°	LDTH DL 628 L40	ECG	28 W	28 W	220...240 V
LDTH DL 6 28 W 840 28°	LDTH DL 628 L28	ECG	28 W	28 W	220...240 V
LDTH DL 6 28 W 840 40°	LDTH DL 628 L40	ECG	28 W	28 W	220...240 V
LDTH DL 6 28 W 827 28°	LDTH DL 628 L28	ECG	28 W	28 W	220...240 V
LDTH DL 6 40 W 827 28°	LDTH DL 640 L28	ECG	40 W	40 W	220...240 V

Product family datasheet

Product description	Product information	Electrical data			
	Order reference	Operating mode	Connected load	Nominal wattage	Nominal voltage
LDTH DL 6 40 W 827 40°	LDTH DL 640 L40	ECG	40 W	40 W	220...240 V
LDTH DL 6 28 W 827 40°	LDTH DL 628 L40	ECG	28 W	28 W	220...240 V
LDTH DL 6 40 W 840 50°	LDTH DL 640 L50	ECG	40 W	40 W	220...240 V
LDTH DL 6 40 W 840 40°	LDTH DL 640 L40	ECG	40 W	40 W	220...240 V
LDTH DL 6 20 W 830 38°	LDTH DL 620 L38	ECG	20 W	20 W	220...240 V

Product description	Supply voltage	Mains frequency	Photometrical data			
			Color temperature [AGMP]	Color temperature	Luminous flux	Color rendering index Ra
LDTH DL 6 20 W 827 26°	220...240 V	50/60 Hz	2700 K	2700 K	1900 lm	>80
LDTH DL 6 20 W 827 38°	220...240 V	50/60 Hz	2700 K	2700 K	1900 lm	>80
LDTH DL 6 20 W 830 46°	220...240 V	50/60 Hz	3000 K	3000 K	1900 lm	>80
LDTH DL 6 20 W 840 38°	220...240 V	50/60 Hz	4000 K	4000 K	2000 lm	>80
LDTH DL 6 20 W 840 46°	220...240 V	50/60 Hz	4000 K	4000 K	2000 lm	>80
LDTH DL 6 20 W 827 46°	220...240 V	50/60 Hz	2700 K	2700 K	1900 lm	>80
LDTH DL 6 20 W 830 26°	220...240 V	50/60 Hz	3000 K	3000 K	1900 lm	>80
LDTH DL 6 20 W 840 26°	220...240 V	50/60 Hz	4000 K	4000 K	2000 lm	>80
LDTH DL 6 28 W 830 50°	220...240 V	50/60 Hz	3000 K	3000 K	2700 lm	>80
LDTH DL 6 28 W 840 50°	220...240 V	50/60 Hz	4000 K	4000 K	2800 lm	>80
LDTH DL 6 40 W 830 40°	220...240 V	50/60 Hz	3000 K	3000 K	3800 lm	>80
LDTH DL 6 40 W 830 50°	220...240 V	50/60 Hz	3000 K	3000 K	3800 lm	>80
LDTH DL 6 40 W 840 28°	220...240 V	50/60 Hz	4000 K	4000 K	4000 lm	>80
LDTH DL 6 40 W 827 50°	220...240 V	50/60 Hz	2700 K	2700 K	3800 lm	>80
LDTH DL 6 40 W 830 28°	220...240 V	50/60 Hz	3000 K	3000 K	3800 lm	>80
LDTH DL 6 28 W 827 50°	220...240 V	50/60 Hz	2700 K	2700 K	2700 lm	>80
LDTH DL 6 28 W 830 28°	220...240 V	50/60 Hz	3000 K	3000 K	2700 lm	>80
LDTH DL 6 28 W 830 40°	220...240 V	50/60 Hz	3000 K	3000 K	2700 lm	>80
LDTH DL 6 28 W 840 28°	220...240 V	50/60 Hz	4000 K	4000 K	2800 lm	>80
LDTH DL 6 28 W 840 40°	220...240 V	50/60 Hz	4000 K	4000 K	2800 lm	>80
LDTH DL 6 28 W 827 28°	220...240 V	50/60 Hz	2700 K	2700 K	2700 lm	>80
LDTH DL 6 40 W 827 28°	220...240 V	50/60 Hz	2700 K	2700 K	3800 lm	>80
LDTH DL 6 40 W 827 40°	220...240 V	50/60 Hz	2700 K	2700 K	3800 lm	>80
LDTH DL 6 28 W 827 40°	220...240 V	50/60 Hz	2700 K	2700 K	2700 lm	>80
LDTH DL 6 40 W 840 50°	220...240 V	50/60 Hz	4000 K	4000 K	4000 lm	>80
LDTH DL 6 40 W 840 40°	220...240 V	50/60 Hz	4000 K	4000 K	4000 lm	>80
LDTH DL 6 20 W 830 38°	220...240 V	50/60 Hz	3000 K	3000 K	935 lm	>80

Product family datasheet

Product description	Color rendering index Ra [AGMP]	Light technical data	Dimensions & weight			Colors & materials
		Beam angle	Length	Diameter	Height	Body material
LDTH DL 6 20 W 827 26°	>80	26 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 20 W 827 38°	>80	38 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 20 W 830 46°	>80	46 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 20 W 840 38°	>80	38 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 20 W 840 46°	>80	46 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 20 W 827 46°	>80	46 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 20 W 830 26°	>80	26 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 20 W 840 26°	>80	26 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 28 W 830 50°	>80	50 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 28 W 840 50°	>80	50 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 40 W 830 40°	>80	40 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 40 W 830 50°	>80	50 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 40 W 840 28°	>80	28 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 40 W 827 50°	>80	50 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 40 W 830 28°	>80	28 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 28 W 827 50°	>80	50 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 28 W 830 28°	>80	28 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 28 W 830 40°	>80	40 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 28 W 840 28°	>80	28 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 28 W 840 40°	>80	40 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 28 W 827 28°	>80	28 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 40 W 827 28°	>80	28 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 40 W 827 40°	>80	40 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 28 W 827 40°	>80	40 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium

Product family datasheet

Product description	Color rendering index Ra [AGMP]	Light technical data	Dimensions & weight			Colors & materials
		Beam angle	Length	Diameter	Height	Body material
LDTH DL 6 40 W 840 50°	>80	50 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 40 W 840 40°	>80	40 °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium
LDTH DL 6 20 W 830 38°	>80	narrow distribution °	0.0 mm	160.0 mm	160.0 mm	diecast aluminium

Product description	Product color	Cover material	Temperatures & operating conditions	Capabilities
			Ambient temperature range	Type of installation
LDTH DL 6 20 W 827 26°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 20 W 827 38°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 20 W 830 46°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 20 W 840 38°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 20 W 840 46°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 20 W 827 46°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 20 W 830 26°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 20 W 840 26°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 28 W 830 50°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 28 W 840 50°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 40 W 830 40°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 40 W 830 50°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 40 W 840 28°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 40 W 827 50°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 40 W 830 28°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 28 W 827 50°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 28 W 830 28°	light grey (RAL 7035)	glass	-15...+40 °C	recessed

Product family datasheet

Product description	Product color	Cover material	Temperatures & operating conditions	Capabilities
			Ambient temperature range	Type of installation
LDTH DL 6 28 W 830 40°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 28 W 840 28°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 28 W 840 40°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 28 W 827 28°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 40 W 827 28°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 40 W 827 40°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 28 W 827 40°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 40 W 840 50°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 40 W 840 40°	light grey (RAL 7035)	glass	-15...+40 °C	recessed
LDTH DL 6 20 W 830 38°	light grey (RAL 7035)	PC	-15...+40 °C	recessed

Product description	Type of connection	Certificates & standards	
		Protection class	Type of protection
LDTH DL 6 20 W 827 26°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 20 W 827 38°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 20 W 830 46°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 20 W 840 38°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 20 W 840 46°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 20 W 827 46°	cable with plug	insulation class II (safety insulation)	IP20

Product family datasheet

Product description	Type of connection	Certificates & standards	
		Protection class	Type of protection
LDTH DL 6 20 W 830 26°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 20 W 840 26°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 28 W 830 50°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 28 W 840 50°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 40 W 830 40°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 40 W 830 50°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 40 W 840 28°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 40 W 827 50°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 40 W 830 28°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 28 W 827 50°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 28 W 830 28°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 28 W 830 40°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 28 W 840 28°	cable with plug	insulation class II (safety insulation)	IP20

Product family datasheet

Product description	Type of connection	Certificates & standards	
		Protection class	Type of protection
LDTH DL 6 28 W 840 40°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 28 W 827 28°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 40 W 827 28°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 40 W 827 40°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 28 W 827 40°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 40 W 840 50°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 40 W 840 40°	cable with plug	insulation class II (safety insulation)	IP20
LDTH DL 6 20 W 830 38°	cable with plug	insulation class II (safety insulation)	IP20

Product family datasheet

Equipment / Accessories

- Safety cable for reflector included (hole for fixing the cable existing)
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Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.