

PHILIPS

Lighting

Tailored creations



Downlights

KT Series

Bringing glare control of downlights to open ceilings by having surface mounting, track mounting and pendant, with a variety of finish options



Project notes

CUSTOMER
PROJECT
DATE

Finish options

HOUSING 3D PRINTED UV-STABILIZED POLYCARBONATE PLASTIC HOUSING AND CANOPY. AVAILABLE WITH POLYCARBONATE COVER (PCC & PCO).

Choose color

WH401 Satin White (9003)	GR402 Satin Grey (9006)	BK402 Satin Black (9004)	GR403 Satin Dark Grey (7043)	SL400 Satin Silver	BL410 Metallic Blue
GN410 Metallic Green	GO400 Satin Gold	PK410 Rose Gold (Metallic Pink)	PL410 Metallic Purple		

Choose texture

TH02
Layered Fine

Optional Accessories

No optional accessories	UGR19 Shield Combination of UGR19 shield and PCO opal cover is not possible.	UGR19 Shield + PCC clear cover IP54 if surface mounted	PCC clear cover IP54 if surface mounted	PCO opal cover IP54 if surface mounted UGR25

CONSULT THE ONLINE CONFIGURATOR ON POSSIBLE COMBINATIONS OF OPTIONS

[HTTPS://WWW.TAILORED.LIGHTING.PHILIPS.COM/EN-US/SERIES.ASPX](https://www.tailored.lighting.philips.com/en-us/series.aspx)

Mounting

DESCRIPTION TRACK MOUNTED, SURFACE MOUNTED, PENDANT SURFACE MOUNTED OR PENDANT TRACK MOUNTED

FIXTURE WEIGHT MAX 1.3 kg

Electrical

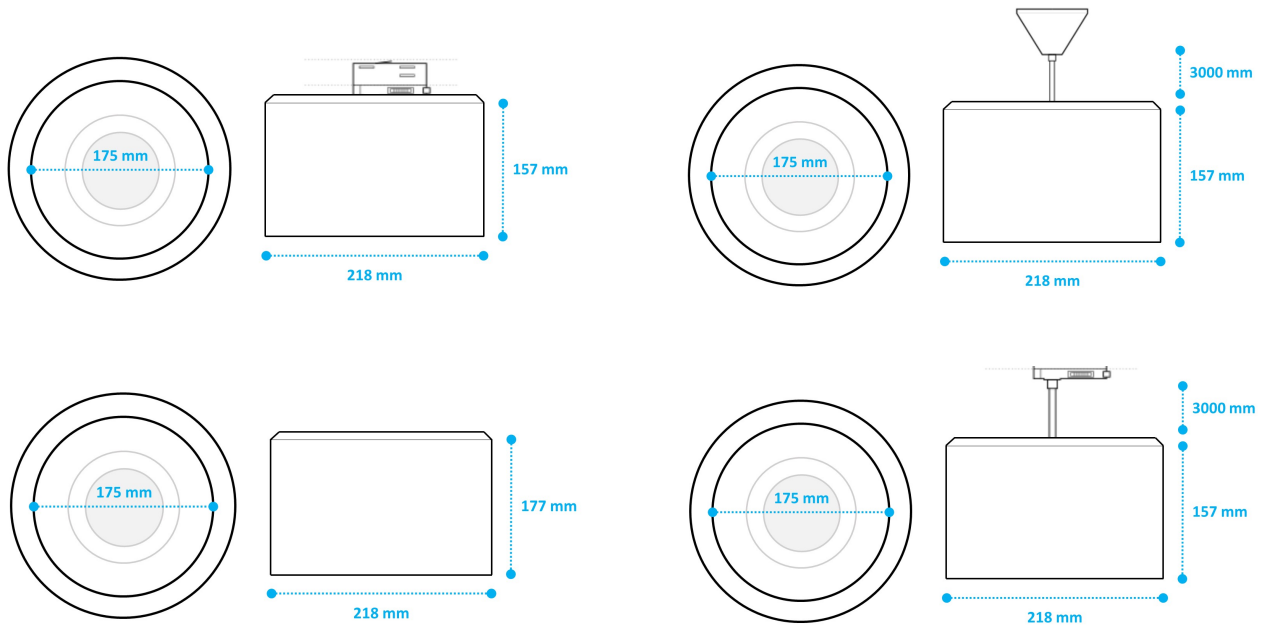
DESCRIPTION	PHILIPS XITANIUM WH DRIVERS (PSE, PSU, PSD): DC FEATURE AND THROUGH-WIRING POSSIBLE		
	PSE	PSU	PSD
CONTROL	NON DIM	NON DIM	DALI
DC FEATURE	YES	NO	YES
VLC POSSIBLE	NO	NO	YES
CONNECTION	THROUGH-WIRING POSSIBLE FOR SURFACE MOUNTED VERSIONS		
INPUT VOLTAGE	220-240vac		
FREQUENCY	50-60hz		
POWER FACTOR	MIN. 0.9		
DRIVER FAIL RATE	<1% @ 5,000hrs		

Optical

DESCRIPTION	COB LED WITH SPECULAR REFLECTOR
CCT	3000K, 4000K (OTHER CCT'S ON-DEMAND)
CRI	80+ / 90+
BINNING	3000K (0.44, 0.40) SDCM<5 4000K (0.38, 0.38) SDCM<5
LIFETIME	50,000hrs to L80/B50 @ 25° C

Operational & certifications

PROTECTION CLASS	IP20 / IK02 for all optics and mounting options IP54 / IK06 for PCO & PCC and Surface Mounted Electrical Class II
AMBIENT RANGE	+10° TO +40° / -15° TO +40° FOR PCO & PCC
CERTIFICATIONS	CE, RoHS
GLOWWIRE TEST	750°
WARRANTY	5 YEARS



Driver and optics performance matrix

Product type	Optical Characteristics			System Power [W]		Efficiency [lm/W]	
	CRI, CCT	Optics	System Flux [lm]	PSE/PSU	PSD	PSE/PSU	PSD
KT 11S	830	UGRI9	1095	8.4	8.3	130.6	132.1
KT 11S	830	UGRI9PCC	1042	8.4	8.3	124.0	125.4
KT 11S	830	UGR22	1146	8.4	8.3	136.8	138.4
KT 11S	830	UGR22PCC	1090	8.4	8.3	129.9	131.5
KT 11S	830	UGR25PCO	1069	9.6	9.5	111.6	112.9
KT 11S	840	UGRI9	1139	8.4	8.3	135.8	137.4
KT 11S	840	UGRI9PCC	1083	8.4	8.3	129.0	130.5
KT 11S	840	UGR22	1191	8.4	8.3	142.2	143.8
KT 11S	840	UGR22PCC	1133	8.4	8.3	135.1	136.7
KT 11S	840	UGR25PCO	1112	9.6	9.5	116.2	117.6
KT 11S	PW930	UGRI9	1152	10.7	10.6	107.4	108.7
KT 11S	PW930	UGRI9PCC	1093	10.7	10.6	101.7	102.9
KT 11S	PW930	UGR22	1208	10.7	10.6	112.8	114.1
KT 11S	PW930	UGR22PCC	1146	10.7	10.6	106.9	108.1
KT 11S	PW930	UGR25PCO	983	10.8	10.7	91.2	92.3
KT 11S	PW940	UGRI9	1248	10.7	10.6	116.5	117.8
KT 11S	PW940	UGRI9PCC	1185	10.7	10.6	110.4	111.7
KT 11S	PW940	UGR22	1306	10.7	10.6	122.1	123.5
KT 11S	PW940	UGR22PCC	1242	10.7	10.6	115.9	117.3
KT 11S	PW940	UGR25PCO	1066	10.8	10.6	99.1	100.3
KT 20S	830	UGRI9	2073	16.5	16.3	125.4	126.9
KT 20S	830	UGRI9PCC	1959	16.6	16.4	118.3	119.7
KT 20S	830	UGR22	2181	16.5	16.3	132.2	133.7
KT 20S	830	UGR22PCC	2062	16.5	16.3	124.7	126.2
KT 20S	830	UGR25PCO	2049	19.6	19.3	104.7	106.0
KT 20S	840	UGRI9	2167	16.5	16.3	131.2	132.7
KT 20S	840	UGRI9PCC	2050	16.6	16.4	123.8	125.3
KT 20S	840	UGR22	2279	16.5	16.3	138.2	139.9
KT 20S	840	UGR22PCC	2156	16.5	16.3	130.5	132.0
KT 20S	840	UGR25PCO	2148	19.3	19.3	111.1	111.1
KT 20S	PW930	UGRI9	2033	19.6	20.1	103.5	101.1
KT 20S	PW930	UGRI9PCC	1912	19.7	20.1	97.1	95.3
KT 20S	PW930	UGR22	2146	20.3	20.1	105.7	106.9
KT 20S	PW930	UGR22PCC	2022	19.6	20.1	102.9	100.6
KT 20S	PW930	UGR25PCO	1943	22.8	22.6	85.2	86.1
KT 20S	PW940	UGRI9	2147	19.5	19.3	110.0	111.2
KT 20S	PW940	UGRI9PCC	2024	18.9	19.3	107.1	104.7
KT 20S	PW940	UGR22	2265	19.5	19.3	116.2	117.5
KT 20S	PW940	UGR22PCC	2136	19.5	19.3	109.3	110.6
KT 20S	PW940	UGR25PCO	1971	20.2	20.6	97.6	95.5
KT 27S	830	UGR25PCO	2698	24.6	24.6	109.9	109.9
KT 27S	840	UGR25PCO	2710	23.3	23.0	116.3	117.6
KT 27S	PW930	UGRI9	2620	25.3	25.3	103.6	103.6
KT 27S	PW930	UGRI9PCC	2489	25.3	25.3	98.4	98.4
KT 27S	PW930	UGR22	2760	25.3	25.3	109.2	109.2
KT 27S	PW930	UGR22PCC	2612	25.3	25.3	103.3	103.3
KT 27S	PW930	UGR25PCO	2329	25.3	25.3	92.1	92.1
KT 27S	PW940	UGRI9	2608	23.3	23.0	111.9	113.1
KT 27S	PW940	UGRI9PCC	2690	25.3	25.3	106.2	106.2
KT 27S	PW940	UGR22	2760	23.3	23.0	118.6	120.0
KT 27S	PW940	UGR22PCC	2850	25.6	25.3	111.4	112.7
KT 27S	PW940	UGR25PCO	2580	26.1	26.1	98.8	98.8
KT 30S	830	UGRI9	2997	24.4	24.2	122.6	124.0
KT 30S	830	UGRI9PCC	3034	26.1	26.1	116.3	116.3
KT 30S	830	UGR22	3026	23.3	23.0	130.0	131.5
KT 30S	830	UGR22PCC	2986	24.4	24.2	122.1	123.5
KT 30S	840	UGRI9	2957	22.5	22.3	131.2	132.7
KT 30S	840	UGRI9PCC	3016	24.5	24.2	123.2	124.6
KT 30S	840	UGR22	3124	22.5	22.2	138.9	140.5
KT 30S	840	UGR22PCC	2946	22.5	22.3	130.7	132.2

