

PHILIPS

Lighting

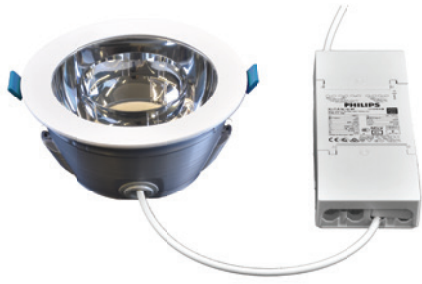
Tailored creations



Downlights

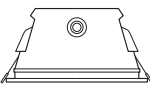
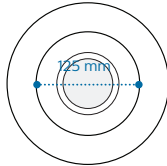
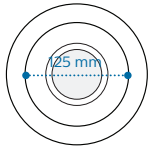
TT Series

A damp-rated and insect-free durable solution with customizable trim options



TT150

TT175



150 mm
CEILING CUT-OUT

175 mm
CEILING CUT-OUT

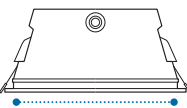
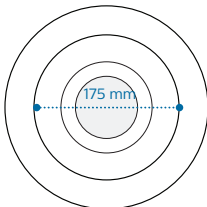
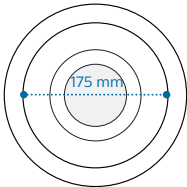


Lumens	CCT	CRI
1100	3000K 4000K	80+

Lumens	CCT	CRI
1100	3000K 4000K	80+

TT200

TT225



200 mm
CEILING CUT-OUT

225 mm
CEILING CUT-OUT



Lumens	CCT	CRI
2000	3000K 4000K	80+

Lumens	CCT	CRI
2000	3000K 4000K	80+

Project notes

CUSTOMER

PROJECT

DATE

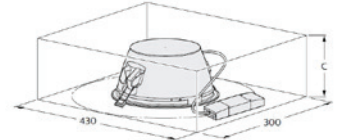
Finish options

HOUSING	3D PRINTED UV-STABILIZED POLYCARBONATE PLASTIC, HOUSING AND TRIM. POLYCARBONATE CLEAR COVER (PCC) LENS		
TRIM COLOR	WHITE	SILVER	BLACK
RAL CODE	RAL9003	RAL9006	RAL9004

Mounting

DESCRIPTION RECESSED WITH SPRING CLIP RETAINERS AND REMOTE DRIVER

FIXTURE WEIGHT MAX 0.99kg



Electrical

DESCRIPTION PHILIPS XITANIUM MINI DRIVERS (PSU-E): NO DC EMERGENCY LIGHTING, NO THROUGH-WIRING
PHILIPS XITANIUM WH DRIVERS (PSE-E, PSED-E): DC EMERGENCY LIGHTING, WITH THROUGH-WIRING

	PSU-E	PSE-E	PSED-E
CONTROL	NON DIM	NON DIM	DALI
DC EMERGENCY	NO	YES	YES
CONNECTION	SINGLE	THROUGH-WIRING	THROUGH-WIRING
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 AND CLEAR LENS

CCT 3000K, 4000K (OTHER CCT'S ON-DEMAND)

CRI 80+ (CRI 90+ ON-DEMAND)

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 IP54 (LUMINAIRE) IP20 (DRIVER), IK08, Electrical Class II

AMBIENT RANGE -15° to +40° C

CERTIFICATIONS CE, RoHS

GLOW WIRE TEST 750°

WARRANTY 5 YEARS



Driver and optics performance matrix

Size	UGR	Color	Driver Type	mA	IP20			IP54		
					Flux [lm]	Power (W)	Eff. [lm/W]	Flux [lm]	Power (W)	Eff. [lm/W]
TT150/175	22	830	PSE-E	220	1100	9,8	110	1050	9,8	105
TT150/175	22	840	PSE-E	220	1125	9,8	114	1075	9,8	109
TT150/175	22	PW930	PSE-E	280	1125	11,9	95	1075	11,9	91
TT150/175	22	PW940	PSE-E	280	1225	11,9	103	1150	11,9	98
TT150/175	19	830	PSE-E	220	1050	9,8	107	1000	10,2	100
TT150/175	19	840	PSE-E	220	1075	9,8	111	1025	10,2	103
TT150/175	19	PW930	PSE-E	280	1100	11,9	93	1025	11,9	86
TT150/175	19	PW940	PSE-E	280	1200	11,9	100	1100	11,9	93
TT150/175	22	830	PSE-D	220	1100	9,0	120	1050	9,0	114
TT150/175	22	840	PSE-D	220	1125	9,0	124	1075	9,0	118
TT150/175	22	PW930	PSE-D	280	1125	11,1	103	1000	11,1	98
TT150/175	22	PW940	PSE-D	280	1225	11,1	111	1025	11,1	106
TT150/175	19	830	PSE-D	220	1050	9,0	117	1000	9,0	109
TT150/175	19	840	PSE-D	220	1075	9,0	121	1025	9,0	113
TT150/175	19	PW930	PSE-D	280	1100	11,1	100	1050	11,1	93
TT150/175	19	PW940	PSE-D	280	1125	11,1	108	1075	11,1	100
TT200/225	22	830	PSE-E	425	2100	16,8	126	2000	16,8	120
TT200/225	22	840	PSE-E	425	2200	16,8	131	2100	16,8	125
TT200/225	22	PW930	PSE-E	520	2100	20,7	101	2000	20,7	97
TT200/225	22	PW940	PSE-E	520	2250	20,7	109	2150	20,7	104
TT200/225	19	830	PSE-E	425	2025	19,4	120	1925	19,4	114
TT200/225	19	840	PSE-E	425	2100	19,4	125	2000	19,4	119
TT200/225	19	PW930	PSE-E	520	2000	20,7	97	1900	20,7	92
TT200/225	19	PW940	PSE-E	520	2160	20,7	104	2050	20,7	99
TT200/225	22	830	PSE-D	425	2100	16,8	126	2000	16,8	120
TT200/225	22	840	PSE-D	425	2200	16,8	131	2100	16,8	125
TT200/225	22	PW930	PSE-D	520	2100	20,3	103	2000	20,3	98
TT200/225	22	PW940	PSE-D	520	2250	20,3	111	2150	20,3	106
TT200/225	19	830	PSE-D	425	2025	16,8	120	1925	16,8	114
TT200/225	19	840	PSE-D	425	2100	16,8	125	2000	16,8	119
TT200/225	19	PW930	PSE-D	520	2000	20,3	98	1900	20,3	94
TT200/225	19	PW940	PSE-D	520	2150	20,3	106	2050	20,3	101
TT200/225	22	830	PSE-E	600	2900	23,3	124	2750	23,3	118
TT200/225	22	840	PSE-E	600	3050	23,5	130	2900	23,5	124
TT200/225	22	PW930	PSE-E	660	2675	25,7	104	2550	25,7	99
TT200/225	22	PW940	PSE-E	660	2875	25,7	112	2750	25,7	107
TT200/225	19	830	PSE-E	600	2775	23,3	118	2625	23,3	112
TT200/225	19	840	PSE-E	600	2900	23,5	124	2775	23,5	118
TT200/225	19	PW930	PSE-E	660	2550	25,7	99	2425	25,7	96
TT200/225	19	PW940	PSE-E	660	2750	25,7	107	2750	25,7	103