

PHILIPS

Lighting

Tailored creations



GreenSpace

Perfect Fit

Hassle no more! Ever got stuck with a hole in a ceiling when replacing downlights? With PerfectFit you'll get the downlight that always fits and looks better at the same time. Perfect Fit is available for cut outs from 150-280 mm.



Project notes

CUSTOMER
PROJECT
DATE

Finish options

HOUSING 3D PRINTED UV-STABILIZED POLYCARBONATE PLASTIC, HOUSING AND TRIM. FOR TT150-TT245 VERSIONS POLYCARBONATE COVER (PCC & PCO).

Optional Accessories

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No optional accessories	UGR19 Shield	UGR19 Shield + PCC clear cover IP54	PCC clear cover IP54	PCO opal cover IP54 UGR25
	Combination of UGR19 shield and PCO opal cover is not possible.			

Emergency options

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No integrated emergency lighting	TrustSight ELP3 Pro 3 hrs. Includes self testing with indicator LED	TrustSight ELD3 Dali 3 hrs. Includes self testing with indicator LED

Trim color options

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
White trim	Silver trim	Black trim

Cabling options

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
None	EW	EWD	BW	BWD



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 RECESSED WITH SPRING CLIP RETAINERS AND REMOTE DRIVER

FIXTURE WEIGHT MAX 1 kg



Electrical

DESCRIPTION PHILIPS XITANIUM WH DRIVERS (PSU-E, PSD-E): DC FEATURE, WITH THROUGH-WIRING



	PSU-E	PSD-E
CONTROL	NON DIM	DALI
DC FEATURE	YES	YES
CONNECTION	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 FOR TT150-TT245
COB LED WITH WHITE 3D PRINTED REFLECTOR FOR TT250-TT280

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 / IP 54 for PCO & PCC / IP 20 for PCO + ELP3 or ELD3, IK02 / IK 06 for PCO & PCC, Electrical Class II

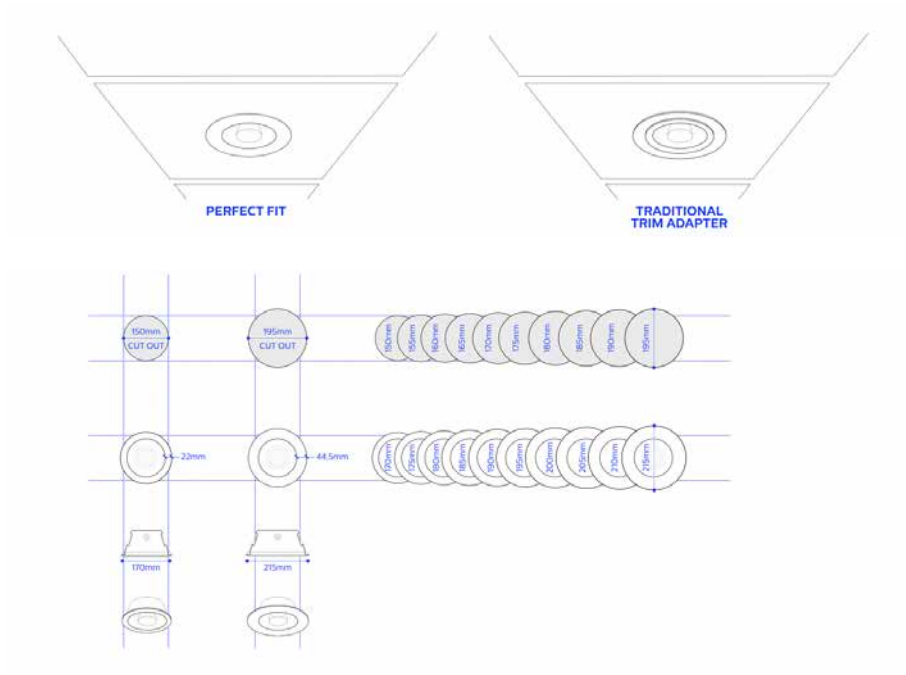
AMBIENT RANGE +10° TO +40° / -15° TO +40° FOR PCO & PCC / +10° TO +35° FOR 4000 LUMEN VERSIONS

CERTIFICATIONS CE, RoHS

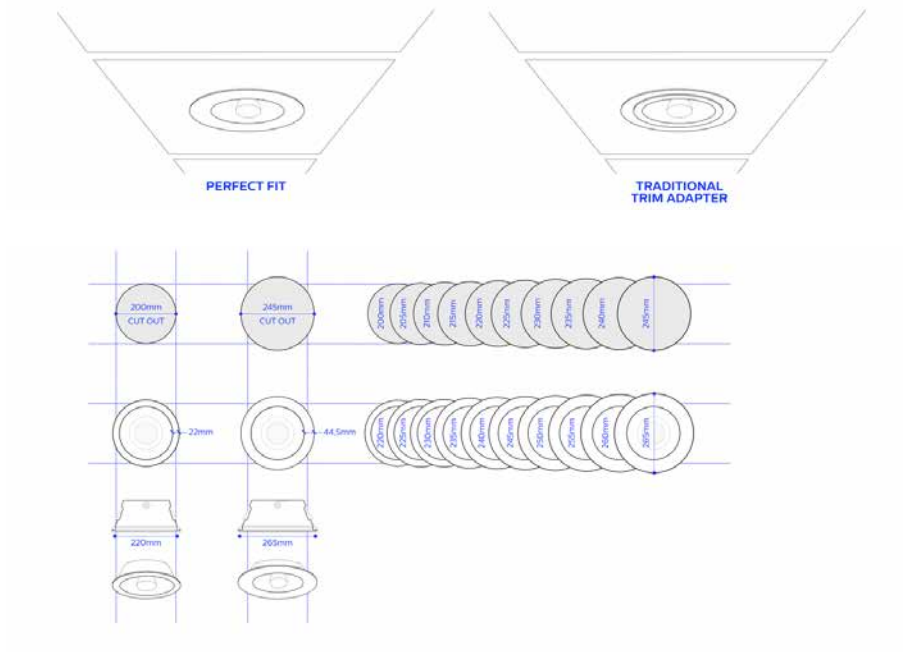
GLOWWIRE TEST 750°

WARRANTY 5 YEARS

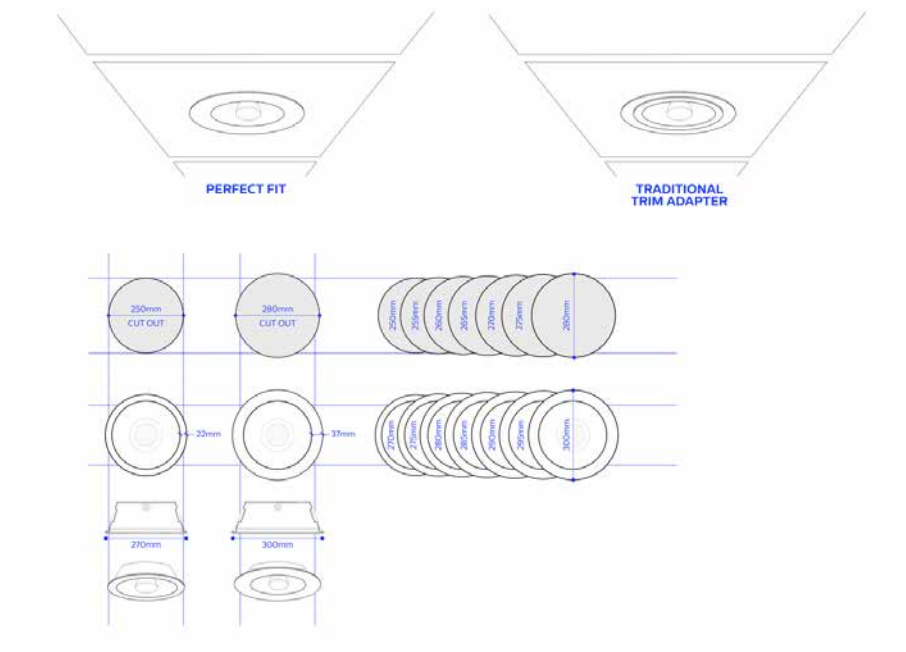
TT150-TT195



TT200-TT245



TT250-TT280



Driver and optics performance matrix

Emergency versions will have an increased system power of 6W when the battery is charging.

Product type	Optical characteristics		System power (W)		Efficiency (lumen / W)	
	CCT, CRI	flux sys [lm]	PSU-E	PSD-E	PSU-E	PSD-E
TT 150-170 8S 830 UGR 22	830	851	7,6	8,1	112	105
TT 150-170 8S 840 UGR 22	840	905	7,6	8,1	119	111
TT 150-170 8S 830 UGR 19	830	831	7,6	8,1	109	102
TT 150-170 8S 840 UGR 19	840	883	7,6	8,1	116	109
TT 150-170 8S PW930 UGR 22	PW930	850	9,9	9,3	92	86
TT 150-170 8S PW940 UGR 22	PW940	916	9,9	9,3	99	93
TT 150-170 8S PW930 UGR 19	PW930	830	9,9	9,3	90	84
TT 150-170 8S PW940 UGR 19	PW940	894	9,9	9,3	97	91
TT 150-170 11S 830 UGR 22	830	1083	9,8	9,0	110	120
TT 150-170 11S 840 UGR 22	840	1122	9,8	9,0	114	124
TT 150-170 11S 830 UGR 19	830	1057	9,8	9,0	107	117
TT 150-170 11S 840 UGR 19	840	1096	9,8	9,0	111	121
TT 150-170 11S PW930 UGR 22	PW930	1136	11,9	11,1	95	103
TT 150-170 11S PW940 UGR 22	PW940	1226	11,9	11,1	103	111
TT 150-170 11S PW930 UGR 19	PW930	1109	11,9	11,1	93	100
TT 150-170 11S PW940 UGR 19	PW940	1196	11,9	11,1	100	108
TT 175-195 11S 830 UGR 22	830	1083	9,8	9,0	110	120
TT 175-195 11S 840 UGR 22	840	1122	9,8	9,0	114	124
TT 175-195 11S 830 UGR 19	830	1057	9,8	9,0	107	117
TT 175-195 11S 840 UGR 19	840	1122	9,8	9,0	114	124
TT 175-195 11S PW930 UGR 22	PW930	1136	11,9	11,1	95	103
TT 175-195 11S PW940 UGR 22	PW940	1226	11,9	11,1	103	111
TT 175-195 11S PW930 UGR 19	PW930	1109	11,9	11,1	93	100
TT 175-195 11S PW940 UGR 19	PW940	1196	11,9	11,1	100	108
TT 175-195 20S 830 UGR 22	830	2011	16,8	16,8	120	120
TT 175-195 20S 840 UGR 22	840	2097	16,8	16,8	125	125
TT 175-195 20S 830 UGR 19	830	1963	16,8	16,8	117	117
TT 175-195 20S 840 UGR 19	840	2048	16,8	16,8	122	122
TT 175-195 17S PW930 UGR 22	PW930	1656	16,8	16,8	99	98
TT 175-195 17S PW940 UGR 22	PW940	1795	16,8	16,8	107	107
TT 175-195 17S PW930 UGR 19	PW930	1617	16,8	16,8	96	96
TT 175-195 17S PW940 UGR 19	PW940	1752	16,8	16,8	104	104
TT 200-220 20S 830 UGR 22	830	2115	16,8	16,8	126	126
TT 200-220 20S 840 UGR 22	840	2200	16,8	16,8	131	131
TT 200-220 20S 830 UGR 19	830	2019	16,8	16,8	120	120
TT 200-220 20S 840 UGR 19	840	2100	16,8	16,8	125	125
TT 200-220 20S PW930 UGR 22	PW930	2094	20,7	20,3	101	103
TT 200-220 20S PW940 UGR 22	PW940	2260	20,7	20,3	109	111
TT 200-220 20S PW930 UGR 19	PW930	1998	20,7	20,3	97	98
TT 200-220 20S PW940 UGR 19	PW940	2157	20,7	20,3	104	106
TT 200-220 30S 830 UGR 22	830	2898	23,3	22,9	124	126
TT 200-220 30S 840 UGR 22	840	3057	23,3	23,1	130	133
TT 200-220 30S 830 UGR 19	830	2761	23,3	22,9	118	120
TT 200-220 30S 840 UGR 19	840	2914	23,3	23,1	124	126
TT 200-220 27S PW930 UGR 22	PW930	2677	25,7	25,2	104	106
TT 200-220 27S PW940 UGR 22	PW940	2882	25,7	25,3	112	114
TT 200-220 27S PW930 UGR 19	PW930	2551	25,7	25,2	99	101
TT 200-220 27S PW940 UGR 19	PW940	2747	25,7	25,3	107	109
TT 225-245 20S 830 UGR 22	830	2115	16,8	16,8	126	126
TT 225-245 20S 840 UGR 22	840	2200	16,8	16,8	131	131
TT 225-245 20S 830 UGR 19	830	2019	16,8	16,8	120	120
TT 225-245 20S 840 UGR 19	840	2100	16,8	16,8	125	125
TT 225-245 20S PW930 UGR 22	PW930	2094	20,7	20,3	101	103
TT 225-245 20S PW940 UGR 22	PW940	2260	20,7	20,3	109	111
TT 225-245 20S PW930 UGR 19	PW930	1998	20,7	20,3	97	98
TT 225-245 20S PW940 UGR 19	PW940	2157	20,7	20,3	104	106
TT 225-245 30S 830 UGR 22	830	2898	23,3	22,9	124	126
TT 225-245 30S 840 UGR 22	840	3057	23,3	23,1	130	133
TT 225-245 30S 830 UGR 19	830	2761	23,3	22,9	118	120
TT 225-245 30S 840 UGR 19	840	2914	23,3	23,1	124	126
TT 225-245 27S PW930 UGR 22	PW930	2677	25,7	25,2	104	106
TT 225-245 27S PW940 UGR 22	PW940	2882	25,7	25,3	112	114
TT 225-245 27S PW930 UGR 19	PW930	2551	25,7	25,2	99	101
TT 225-245 27S PW940 UGR 19	PW940	2747	25,7	25,3	107	109
TT 250-280 30S 830 UGR25	830	2795	23,3	22,9	112	114
TT 250-280 30S 840 UGR25	840	2950	23,3	23,1	118	120
TT 250-280 40S 830 UGR25	830	3842	32,9	31,8	117	121
TT 250-280 40S 840 UGR25	840	4048	32,9	31,8	123	127

