

ECORA TLED



version: 200314

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PRODUCT DESCRIPTION

ECORA TLED is a plasterboard ceiling mounted infrared heating panel with lightning unit in aluminum frame. It is designed to be modern, efficient and healthy light and heating solution for buildings of any kind. Multiple models are produced with different size, power, colour temperature and colour scheme.

ECORA TLED is class I product.

COMPLIANCES

All models of ECORA TLED product line are compliant with following standards:

IEC 60335-1:2010
IEC 60335-2-30:2009

PRODUCT LINE OVERVIEW

GENERAL PARAMETERS

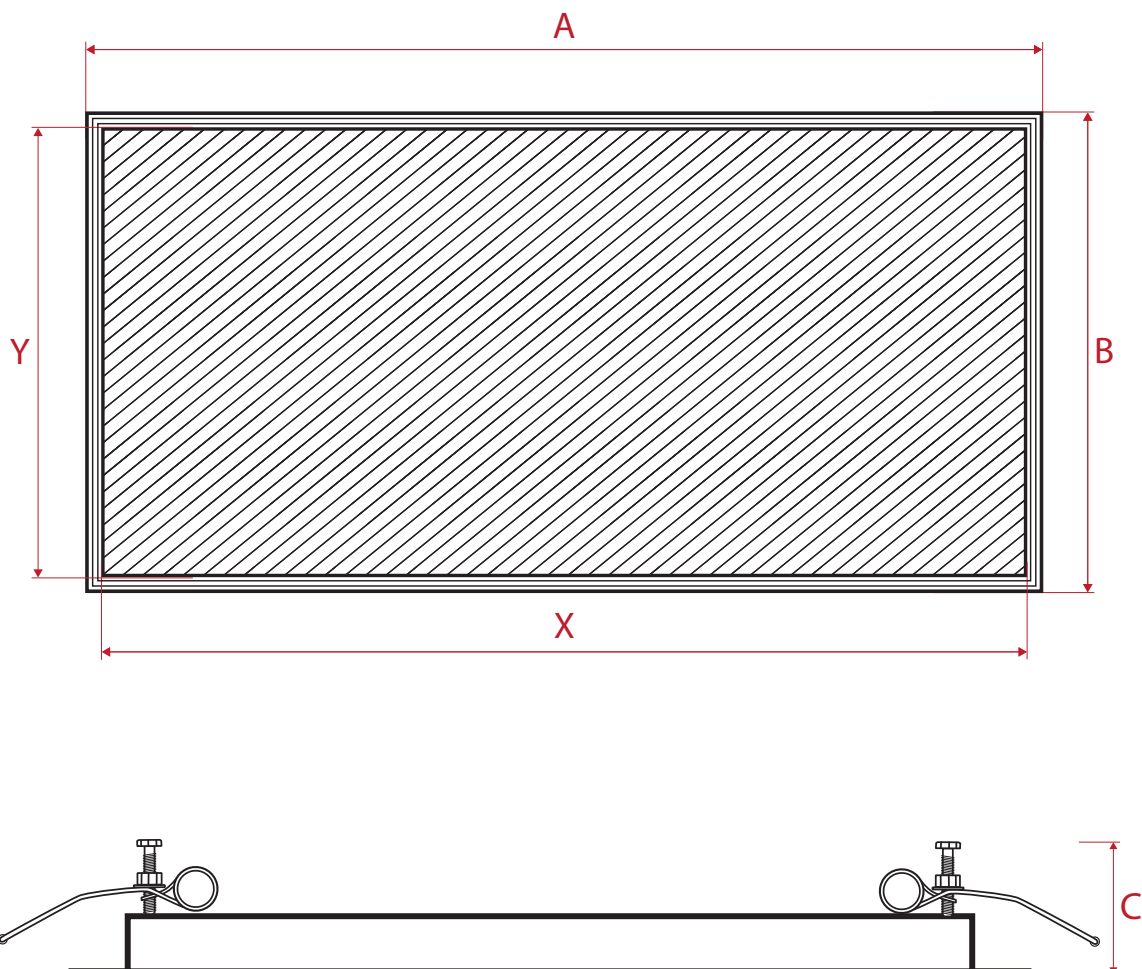
MODEL	VOLTAGE	HEATING ELEMENT POWER ¹	MAX. HEATING ELEMENT CURRENT CONSUMPTION	LIGHT POWER ¹	MAX. LIGHT UNIT CURRENT CONSUMPTION	IP	AMBIENT WORKING TEMP.	WORKING HUMIDITY
ECORA TLED 80	230 V/50 Hz	80 W	0.39 A	33 W	0.32 A	IP 44	-20°C to 50°C	5% - 95 % RH
ECORA TLED 150	230 V/50 Hz	150 W	0.72 A	60 W	0.55 A	IP 44	-20°C to 50°C	5% - 95 % RH
ECORA TLED 200	230 V/50 Hz	200 W	0.96 A	52 W	0.49 A	IP 44	-20°C to 50°C	5% - 95 % RH
ECORA TLED 200dl	230 V/50 Hz	200 W	0.96 A	68 W	0.62 A	IP 44	-20°C to 50°C	5% - 95 % RH
ECORA TLED 250	230 V/50 Hz	250 W	1.18 A	70 W	0.62 A	IP 44	-20°C to 50°C	5% - 95 % RH
ECORA TLED 300	230 V/50 Hz	300 W	1.4 A	68 W	0.61 A	IP 44	-20°C to 50°C	5% - 95 % RH
ECORA TLED 400	230 V/50 Hz	400 W	1.83 A	76 W	0.66 A	IP 44	-20°C to 50°C	5% - 95 % RH
ECORA TLED 500	230 V/50 Hz	500 W	2.29 A	75 W	0.66 A	IP 44	-20°C to 50°C	5% - 95 % RH
ECORA TLED 500dl	230 V/50 Hz	500 W	2.29 A	84 W	0.73 A	IP 44	-20°C to 50°C	5% - 95 % RH

1 Actual power is within range specified by IEC 60335-1:2010.

PRODUCT LINE OVERVIEW cont.

DIMENSIONS & WEIGHTS

MODEL	A (mm)	B (mm)	C (mm)	X (mm)	Y (mm)	WEIGHT (kg)
ECORA TLED 80	455	275	50	435	255	3.5
ECORA TLED 150	855	275	50	835	255	4.6
ECORA TLED 200	555	555	50	535	535	5
ECORA TLED 200dl	855	405	50	835	385	5.5
ECORA TLED 250	1055	305	50	1035	285	6
ECORA TLED 300	655	655	50	635	635	6.2
ECORA TLED 400	905	555	50	885	535	6.6
ECORA TLED 500	995	655	50	975	635	7.6
ECORA TLED 500dl	1055	555	50	1035	535	7.5



PRODUCT LINE OVERVIEW cont.

HEATING ELEMENT PARAMETERS

MODEL	AVERAGE SURFACE TEMP.	HEAT UP TIME	RESISTANCE (Ohm) ¹	SURFACE EMISSIVITY ϵ	RADIANT HEATING
ECORA TLED 80	110°C	10 mins.	657.1	0.95	74% - 76%
ECORA TLED 150	110°C	10 mins.	348.5	0.95	74% - 76%
ECORA TLED 200	110°C	10 mins.	264.4	0.95	74% - 76%
ECORA TLED 200dl	110°C	10 mins.	264.4	0.95	74% - 76%
ECORA TLED 250	110°C	10 mins.	211	0.95	74% - 76%
ECORA TLED 300	110°C	10 mins.	175.6	0.95	74% - 76%
ECORA TLED 400	110°C	10 mins.	132.2	0.95	74% - 76%
ECORA TLED 500	110°C	10 mins.	105.5	0.95	74% - 76%
ECORA TLED 500dl	110°C	10 mins.	105.5	0.95	74% - 76%

1 Actual resistance when fully heated up and within range according to IEC 60335-1:2010.

LIGHT PARAMETERS

MODEL	LUMINOUS FLUX
ECORA TLED 80	2050 lm
ECORA TLED 150	3265 lm
ECORA TLED 200	3304 lm
ECORA TLED 200dl	3565 lm
ECORA TLED 250	3709 lm
ECORA TLED 300	3689 lm
ECORA TLED 400	4058 lm
ECORA TLED 500	4936 lm
ECORA TLED 500dl	4537 lm

VARIATION	COLOR TEMP.	CRI
WARM	~ 2700 K	~ 82
NEUTRAL	~ 4100 K	~ 86
COLD	~ 6000 K	~ 84

PACKING DIMENSIONS & WEIGHTS

MODEL	PACKAGE WIDTH (mm)	PACKAGE LENGTH (mm)	PACKAGE HEIGHT (mm)	MODEL PACKAGE WEIGHT (kg)	STORAGE TEMPERATURE	STORAGE HUMIDITY
ECORA TLED 80	565	350	60	4.1	5°C to 25°C	5% - 95 % RH
ECORA TLED 150	915	570	60	5.2	5°C to 25°C	5% - 95 % RH
ECORA TLED 200	665	665	60	5.6	5°C to 25°C	5% - 95 % RH
ECORA TLED 200dl	995	665	60	6.1	5°C to 25°C	5% - 95 % RH
ECORA TLED 250	1250	665	60	6.6	5°C to 25°C	5% - 95 % RH
ECORA TLED 300	715	665	60	6.9	5°C to 25°C	5% - 95 % RH
ECORA TLED 400	965	665	60	7.3	5°C to 25°C	5% - 95 % RH
ECORA TLED 500	1250	665	60	8.3	5°C to 25°C	5% - 95 % RH
ECORA TLED 500dl	1250	665	60	8.2	5°C to 25°C	5% - 95 % RH

PRODUCT LINE OVERVIEW cont.

Following table describes all ECORA TLED variations and their respective EAN 13 codes.

MODEL VARIATIONS

MODEL	FRAME COLOR	SURFACE TYPE	SURFACE COLOR	COLOUR TEMP.	EAN 13
ECORA TLED 80	CUSTOM	FLAT	WHITE	COLD	8595670631033
ECORA TLED 80	CUSTOM	FLAT	WHITE	NEUTRAL	8595670631040
ECORA TLED 80	CUSTOM	FLAT	WHITE	WARM	8595670631026
ECORA TLED 80	CUSTOM	SANDED	CUSTOM	COLD	8595670631101
ECORA TLED 80	CUSTOM	SANDED	CUSTOM	NEUTRAL	8595670631088
ECORA TLED 80	CUSTOM	SANDED	CUSTOM	WARM	8595670631095
ECORA TLED 80	CUSTOM	SANDED	WHITE	COLD	8595670631057
ECORA TLED 80	CUSTOM	SANDED	WHITE	NEUTRAL	8595670631071
ECORA TLED 80	CUSTOM	SANDED	WHITE	WARM	8595670631064
ECORA TLED 80	WHITE	FLAT	CUSTOM	COLD	8595670631118
ECORA TLED 80	WHITE	FLAT	CUSTOM	NEUTRAL	8595670631125
ECORA TLED 80	WHITE	FLAT	CUSTOM	WARM	8595670631132
ECORA TLED 80	WHITE	FLAT	WHITE	COLD	8595670631163
ECORA TLED 80	WHITE	FLAT	WHITE	NEUTRAL	8595670631156
ECORA TLED 80	WHITE	FLAT	WHITE	WARM	8595670631149
ECORA TLED 80	WHITE	SANDED	CUSTOM	COLD	8595670631187
ECORA TLED 80	WHITE	SANDED	CUSTOM	NEUTRAL	8595670631194
ECORA TLED 80	WHITE	SANDED	CUSTOM	WARM	8595670631170
ECORA TLED 80	WHITE	SANDED	WHITE	COLD	8595670631200
ECORA TLED 80	WHITE	SANDED	WHITE	NEUTRAL	8595670631224
ECORA TLED 80	WHITE	SANDED	WHITE	WARM	8595670631217

MODEL	FRAME COLOR	SURFACE TYPE	SURFACE COLOR	COLOUR TEMP.	EAN 13
ECORA TLED 150	CUSTOM	FLAT	WHITE	COLD	8595670631255
ECORA TLED 150	CUSTOM	FLAT	WHITE	NEUTRAL	8595670631231
ECORA TLED 150	CUSTOM	FLAT	WHITE	WARM	8595670631248
ECORA TLED 150	CUSTOM	SANDED	CUSTOM	COLD	8595670631316
ECORA TLED 150	CUSTOM	SANDED	CUSTOM	NEUTRAL	8595670631293
ECORA TLED 150	CUSTOM	SANDED	CUSTOM	WARM	8595670631309
ECORA TLED 150	CUSTOM	SANDED	WHITE	COLD	8595670631262
ECORA TLED 150	CUSTOM	SANDED	WHITE	NEUTRAL	8595670631286
ECORA TLED 150	CUSTOM	SANDED	WHITE	WARM	8595670631279
ECORA TLED 150	WHITE	FLAT	CUSTOM	COLD	8595670631347
ECORA TLED 150	WHITE	FLAT	CUSTOM	NEUTRAL	8595670631330
ECORA TLED 150	WHITE	FLAT	CUSTOM	WARM	8595670631323
ECORA TLED 150	WHITE	FLAT	WHITE	COLD	8595670631361
ECORA TLED 150	WHITE	FLAT	WHITE	NEUTRAL	8595670631378
ECORA TLED 150	WHITE	FLAT	WHITE	WARM	8595670631354
ECORA TLED 150	WHITE	SANDED	CUSTOM	COLD	8595670631385
ECORA TLED 150	WHITE	SANDED	CUSTOM	NEUTRAL	8595670631408
ECORA TLED 150	WHITE	SANDED	CUSTOM	WARM	8595670631392
ECORA TLED 150	WHITE	SANDED	WHITE	COLD	8595670631415
ECORA TLED 150	WHITE	SANDED	WHITE	NEUTRAL	8595670631439
ECORA TLED 150	WHITE	SANDED	WHITE	WARM	8595670631422
ECORA TLED 200	CUSTOM	FLAT	WHITE	COLD	8595670631446
ECORA TLED 200	CUSTOM	FLAT	WHITE	NEUTRAL	8595670631460
ECORA TLED 200	CUSTOM	FLAT	WHITE	WARM	8595670631453
ECORA TLED 200	CUSTOM	SANDED	CUSTOM	COLD	8595670631521
ECORA TLED 200	CUSTOM	SANDED	CUSTOM	NEUTRAL	8595670631514
ECORA TLED 200	CUSTOM	SANDED	CUSTOM	WARM	8595670631507
ECORA TLED 200	CUSTOM	SANDED	WHITE	COLD	8595670631484
ECORA TLED 200	CUSTOM	SANDED	WHITE	NEUTRAL	8595670631491
ECORA TLED 200	CUSTOM	SANDED	WHITE	WARM	8595670631477
ECORA TLED 200	WHITE	FLAT	CUSTOM	COLD	8595670631538
ECORA TLED 200	WHITE	FLAT	CUSTOM	NEUTRAL	8595670631552
ECORA TLED 200	WHITE	FLAT	CUSTOM	WARM	8595670631545
ECORA TLED 200	WHITE	FLAT	WHITE	COLD	8595670631569
ECORA TLED 200	WHITE	FLAT	WHITE	NEUTRAL	8595670631576
ECORA TLED 200	WHITE	FLAT	WHITE	WARM	8595670631583
ECORA TLED 200	WHITE	SANDED	CUSTOM	COLD	8595670631606
ECORA TLED 200	WHITE	SANDED	CUSTOM	NEUTRAL	8595670631613
ECORA TLED 200	WHITE	SANDED	CUSTOM	WARM	8595670631590
ECORA TLED 200	WHITE	SANDED	WHITE	COLD	8595670631637
ECORA TLED 200	WHITE	SANDED	WHITE	NEUTRAL	8595670631620
ECORA TLED 200	WHITE	SANDED	WHITE	WARM	8595670631644

MODEL	FRAME COLOR	SURFACE TYPE	SURFACE COLOR	COLOUR TEMP.	EAN 13
ECORA TLED 200DL	CUSTOM	FLAT	WHITE	COLD	8595670631651
ECORA TLED 200DL	CUSTOM	FLAT	WHITE	NEUTRAL	8595670631668
ECORA TLED 200DL	CUSTOM	FLAT	WHITE	WARM	8595670631675
ECORA TLED 200DL	CUSTOM	SANDED	CUSTOM	COLD	8595670631712
ECORA TLED 200DL	CUSTOM	SANDED	CUSTOM	NEUTRAL	8595670631736
ECORA TLED 200DL	CUSTOM	SANDED	CUSTOM	WARM	8595670631729
ECORA TLED 200DL	CUSTOM	SANDED	WHITE	COLD	8595670631682
ECORA TLED 200DL	CUSTOM	SANDED	WHITE	NEUTRAL	8595670631699
ECORA TLED 200DL	CUSTOM	SANDED	WHITE	WARM	8595670631705
ECORA TLED 200DL	WHITE	FLAT	CUSTOM	COLD	8595670631767
ECORA TLED 200DL	WHITE	FLAT	CUSTOM	NEUTRAL	8595670631750
ECORA TLED 200DL	WHITE	FLAT	CUSTOM	WARM	8595670631743
ECORA TLED 200DL	WHITE	FLAT	WHITE	COLD	8595670631774
ECORA TLED 200DL	WHITE	FLAT	WHITE	NEUTRAL	8595670631798
ECORA TLED 200DL	WHITE	FLAT	WHITE	WARM	8595670631781
ECORA TLED 200DL	WHITE	SANDED	CUSTOM	COLD	8595670631811
ECORA TLED 200DL	WHITE	SANDED	CUSTOM	NEUTRAL	8595670631828
ECORA TLED 200DL	WHITE	SANDED	CUSTOM	WARM	8595670631804
ECORA TLED 200DL	WHITE	SANDED	WHITE	COLD	8595670631835
ECORA TLED 200DL	WHITE	SANDED	WHITE	NEUTRAL	8595670631842
ECORA TLED 200DL	WHITE	SANDED	WHITE	WARM	8595670631859
ECORA TLED 250	CUSTOM	FLAT	WHITE	COLD	8595670631880
ECORA TLED 250	CUSTOM	FLAT	WHITE	NEUTRAL	8595670631866
ECORA TLED 250	CUSTOM	FLAT	WHITE	WARM	8595670631873
ECORA TLED 250	CUSTOM	SANDED	CUSTOM	COLD	8595670631934
ECORA TLED 250	CUSTOM	SANDED	CUSTOM	NEUTRAL	8595670631927
ECORA TLED 250	CUSTOM	SANDED	CUSTOM	WARM	8595670631941
ECORA TLED 250	CUSTOM	SANDED	WHITE	COLD	8595670631910
ECORA TLED 250	CUSTOM	SANDED	WHITE	NEUTRAL	8595670631903
ECORA TLED 250	CUSTOM	SANDED	WHITE	WARM	8595670631897
ECORA TLED 250	WHITE	FLAT	CUSTOM	COLD	8595670631965
ECORA TLED 250	WHITE	FLAT	CUSTOM	NEUTRAL	8595670631972
ECORA TLED 250	WHITE	FLAT	CUSTOM	WARM	8595670631958
ECORA TLED 250	WHITE	FLAT	WHITE	COLD	8595670631989
ECORA TLED 250	WHITE	FLAT	WHITE	NEUTRAL	8595670632009
ECORA TLED 250	WHITE	FLAT	WHITE	WARM	8595670631996
ECORA TLED 250	WHITE	SANDED	CUSTOM	COLD	8595670632030
ECORA TLED 250	WHITE	SANDED	CUSTOM	NEUTRAL	8595670632016
ECORA TLED 250	WHITE	SANDED	CUSTOM	WARM	8595670632023
ECORA TLED 250	WHITE	SANDED	WHITE	COLD	8595670632054
ECORA TLED 250	WHITE	SANDED	WHITE	NEUTRAL	8595670632047
ECORA TLED 250	WHITE	SANDED	WHITE	WARM	8595670632061

MODEL	FRAME COLOR	SURFACE TYPE	SURFACE COLOR	COLOUR TEMP.	EAN 13
ECORA TLED 300	CUSTOM	FLAT	WHITE	COLD	8595670632078
ECORA TLED 300	CUSTOM	FLAT	WHITE	NEUTRAL	8595670632085
ECORA TLED 300	CUSTOM	FLAT	WHITE	WARM	8595670632092
ECORA TLED 300	CUSTOM	SANDED	CUSTOM	COLD	8595670632146
ECORA TLED 300	CUSTOM	SANDED	CUSTOM	NEUTRAL	8595670632153
ECORA TLED 300	CUSTOM	SANDED	CUSTOM	WARM	8595670632139
ECORA TLED 300	CUSTOM	SANDED	WHITE	COLD	8595670632122
ECORA TLED 300	CUSTOM	SANDED	WHITE	NEUTRAL	8595670632115
ECORA TLED 300	CUSTOM	SANDED	WHITE	WARM	8595670632108
ECORA TLED 300	WHITE	FLAT	CUSTOM	COLD	8595670632184
ECORA TLED 300	WHITE	FLAT	CUSTOM	NEUTRAL	8595670632160
ECORA TLED 300	WHITE	FLAT	CUSTOM	WARM	8595670632177
ECORA TLED 300	WHITE	FLAT	WHITE	COLD	8595670632207
ECORA TLED 300	WHITE	FLAT	WHITE	NEUTRAL	8595670632191
ECORA TLED 300	WHITE	FLAT	WHITE	WARM	8595670632214
ECORA TLED 300	WHITE	SANDED	CUSTOM	COLD	8595670632245
ECORA TLED 300	WHITE	SANDED	CUSTOM	NEUTRAL	8595670632221
ECORA TLED 300	WHITE	SANDED	CUSTOM	WARM	8595670632238
ECORA TLED 300	WHITE	SANDED	WHITE	COLD	8595670632276
ECORA TLED 300	WHITE	SANDED	WHITE	NEUTRAL	8595670632252
ECORA TLED 300	WHITE	SANDED	WHITE	WARM	8595670632269
ECORA TLED 400	CUSTOM	FLAT	WHITE	COLD	8595670632283
ECORA TLED 400	CUSTOM	FLAT	WHITE	NEUTRAL	8595670632306
ECORA TLED 400	CUSTOM	FLAT	WHITE	WARM	8595670632290
ECORA TLED 400	CUSTOM	SANDED	CUSTOM	COLD	8595670632344
ECORA TLED 400	CUSTOM	SANDED	CUSTOM	NEUTRAL	8595670632351
ECORA TLED 400	CUSTOM	SANDED	CUSTOM	WARM	8595670632368
ECORA TLED 400	CUSTOM	SANDED	WHITE	COLD	8595670632337
ECORA TLED 400	CUSTOM	SANDED	WHITE	NEUTRAL	8595670632313
ECORA TLED 400	CUSTOM	SANDED	WHITE	WARM	8595670632320
ECORA TLED 400	WHITE	FLAT	CUSTOM	COLD	8595670632375
ECORA TLED 400	WHITE	FLAT	CUSTOM	NEUTRAL	8595670632399
ECORA TLED 400	WHITE	FLAT	CUSTOM	WARM	8595670632382
ECORA TLED 400	WHITE	FLAT	WHITE	COLD	8595670632412
ECORA TLED 400	WHITE	FLAT	WHITE	NEUTRAL	8595670632429
ECORA TLED 400	WHITE	FLAT	WHITE	WARM	8595670632405
ECORA TLED 400	WHITE	SANDED	CUSTOM	COLD	8595670632443
ECORA TLED 400	WHITE	SANDED	CUSTOM	NEUTRAL	8595670632450
ECORA TLED 400	WHITE	SANDED	CUSTOM	WARM	8595670632436
ECORA TLED 400	WHITE	SANDED	WHITE	COLD	8595670632481
ECORA TLED 400	WHITE	SANDED	WHITE	NEUTRAL	8595670632474
ECORA TLED 400	WHITE	SANDED	WHITE	WARM	8595670632467

MODEL	FRAME COLOR	SURFACE TYPE	SURFACE COLOR	COLOUR TEMP.	EAN 13
ECORA TLED 500	CUSTOM	FLAT	WHITE	COLD	8595670632511
ECORA TLED 500	CUSTOM	FLAT	WHITE	NEUTRAL	8595670632498
ECORA TLED 500	CUSTOM	FLAT	WHITE	WARM	8595670632504
ECORA TLED 500	CUSTOM	SANDED	CUSTOM	COLD	8595670632559
ECORA TLED 500	CUSTOM	SANDED	CUSTOM	NEUTRAL	8595670632573
ECORA TLED 500	CUSTOM	SANDED	CUSTOM	WARM	8595670632566
ECORA TLED 500	CUSTOM	SANDED	WHITE	COLD	8595670632542
ECORA TLED 500	CUSTOM	SANDED	WHITE	NEUTRAL	8595670632528
ECORA TLED 500	CUSTOM	SANDED	WHITE	WARM	8595670632535
ECORA TLED 500	WHITE	FLAT	CUSTOM	COLD	8595670632603
ECORA TLED 500	WHITE	FLAT	CUSTOM	NEUTRAL	8595670632580
ECORA TLED 500	WHITE	FLAT	CUSTOM	WARM	8595670632597
ECORA TLED 500	WHITE	FLAT	WHITE	COLD	8595670632627
ECORA TLED 500	WHITE	FLAT	WHITE	NEUTRAL	8595670632610
ECORA TLED 500	WHITE	FLAT	WHITE	WARM	8595670632634
ECORA TLED 500	WHITE	SANDED	CUSTOM	COLD	8595670632658
ECORA TLED 500	WHITE	SANDED	CUSTOM	NEUTRAL	8595670632641
ECORA TLED 500	WHITE	SANDED	CUSTOM	WARM	8595670632665
ECORA TLED 500	WHITE	SANDED	WHITE	COLD	8595670632672
ECORA TLED 500	WHITE	SANDED	WHITE	NEUTRAL	8595670632696
ECORA TLED 500	WHITE	SANDED	WHITE	WARM	8595670632689
ECORA TLED 500DL	CUSTOM	FLAT	WHITE	COLD	8595670632702
ECORA TLED 500DL	CUSTOM	FLAT	WHITE	NEUTRAL	8595670632726
ECORA TLED 500DL	CUSTOM	FLAT	WHITE	WARM	8595670632719
ECORA TLED 500DL	CUSTOM	SANDED	CUSTOM	COLD	8595670632771
ECORA TLED 500DL	CUSTOM	SANDED	CUSTOM	NEUTRAL	8595670632788
ECORA TLED 500DL	CUSTOM	SANDED	CUSTOM	WARM	8595670632764
ECORA TLED 500DL	CUSTOM	SANDED	WHITE	COLD	8595670632740
ECORA TLED 500DL	CUSTOM	SANDED	WHITE	NEUTRAL	8595670632757
ECORA TLED 500DL	CUSTOM	SANDED	WHITE	WARM	8595670632733
ECORA TLED 500DL	WHITE	FLAT	CUSTOM	COLD	8595670632818
ECORA TLED 500DL	WHITE	FLAT	CUSTOM	NEUTRAL	8595670632801
ECORA TLED 500DL	WHITE	FLAT	CUSTOM	WARM	8595670632795
ECORA TLED 500DL	WHITE	FLAT	WHITE	COLD	8595670632825
ECORA TLED 500DL	WHITE	FLAT	WHITE	NEUTRAL	8595670632832
ECORA TLED 500DL	WHITE	FLAT	WHITE	WARM	8595670632849
ECORA TLED 500DL	WHITE	SANDED	CUSTOM	COLD	8595670632863
ECORA TLED 500DL	WHITE	SANDED	CUSTOM	NEUTRAL	8595670632870
ECORA TLED 500DL	WHITE	SANDED	CUSTOM	WARM	8595670632856
ECORA TLED 500DL	WHITE	SANDED	WHITE	COLD	8595670632900
ECORA TLED 500DL	WHITE	SANDED	WHITE	NEUTRAL	8595670632887
ECORA TLED 500DL	WHITE	SANDED	WHITE	WARM	8595670632894