
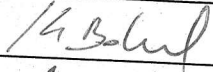






<p>1. Dotā specifikācija ir informatīvs materiāls, kas skatāma kopā ar rasējumiem.</p> <p>2. Iekārtu un materiālu marku un tipu var aizvietot ar analoģu izstrādājumu.</p> <p>3. Iekārtas un materiālus pirms pasūtīšanas saskaņot ar pasūtītāju.</p>					
<p>PROJEKTĒTĀJS:</p> <p> Brīvības iela 117-15, Rīga, LV-1001 tālr.: 67360343, 67332064. fakss: 67372964 www.daina-el.lv, info@daina-el.lv</p>		<p>PASŪTĪTĀJS:</p> <p>PSIA "Ādažu slimnīca" UR Reģ Nr. 40003131022</p>			
<p>BŪVPROJEKTA DAĻAS VADĪTĀJS</p> <p>Ingus Mozaļevskis </p>		<p>ATBILDĪGAIS PROJEKTĒTĀJS:</p> <p>SIA "GP PROJEKTU BIROJS" UR Reģ Nr. 40003419874</p>			
<p>PROJEKTĒJA</p> <p>Māris Krilkovs </p>		<p>OBJEKTS:</p> <p>Ādažu slimnīcas veselības aprūpes centra renovācija Ādažu novadā, Gaujas ielā 13/15.</p>			
<p>IZSTRĀDĀJA</p>		<p>NOSAUKUMS:</p> <p>Galveno el. iekārtu un materiālu specifikācija</p>			
<p>STADIJA</p> <p>TP</p>	<p>PASŪTĪJUMA NR.</p> <p>2010-81</p>				
<p>DATUMS</p> <p>01/11/2010</p>	<p>© projekta dokumentācija nav izmantojama citu objektu projektēšanai un celtniecībai bez saskaņošanas ar SIA "Daina EL"</p>		<p>FAILA NR.</p> <p>2010-81_EL-IS.xls</p>	<p>DOK. NR.</p> <p>EL-IS-1(4)</p>	

Pozīcija/ Nr.p.k	Iekārtu un materiālu nosaukums un tehniskais raksturojums	Iekārtu un materiālu marka un tips	Mērvienība	Daudzums	Piezīme
2GS1	<p>c) aizsargslēdzis: Un=230V, In=C16A, Ik=6kA Un=230V, In=C10A, Ik=6kA</p> <p>d) pārspriegumaizsardzības ierīce: II klase</p> <p>4. Grupu sadalne, tai skaitā uz vienu komplektu: a) sadalnes korpuss IP20 izpildījumā ar PE; N kopnēm un citiem montāžas elementiem (kopēja ar 2NGS1)</p> <p>b) ievadslēdzis: Un=400V, In=63A</p> <p>c) aizsargslēdzis: Un=230V, In=C25A, Ik=6kA Un=230V, In=C16A, Ik=6kA Un=230V, In=C10A, Ik=6kA</p> <p>d) noplūdstrāvas aizsargslēdzis: Un=230V, In=16A, ΔI=30mA</p> <p>e) kontaktors: U(spoles)=230V, In=16A, 2NO</p> <p>f) aktīvās el. enerģijas skaitītājs: Un=230V, In=25A</p> <p>g) pārspriegumaizsardzības ierīce: II klase</p>	"OBO" V20-C/3 + NPE vai analogs	gab. gab. kompl.	4 1 1	shēmu skatīt lapā EL-SH-3
		individuāli komplektējama	kompl.	1	
			kompl.	1	
			gab.	1	
			gab. gab. gab.	2 6 7	
			gab.	6	
			gab.	1	
			gab.	2	
2NGS1	<p>5. Grupu sadalne, tai skaitā uz vienu komplektu: a) sadalnes korpuss IP20 izpildījumā ar PE; N kopnēm un citiem montāžas elementiem (kopēja ar 2GS1)</p> <p>b) ievadslēdzis: Un=400V, In=40A</p> <p>c) aizsargslēdzis: Un=230V, In=C25A, Ik=6kA Un=230V, In=C16A, Ik=6kA Un=230V, In=C10A, Ik=6kA</p> <p>d) aktīvās el. enerģijas skaitītājs: Un=230V, In=25A</p> <p>e) pārspriegumaizsardzības ierīce: II klase</p> <p>Spēka tīkla iekārtas</p> <p>1. El. kontaktrozete ar trešo zemējošo kontaktu: 230V, 16A, IP20 (zemapmetuma) 230V, 16A, IP44 (zemapmetuma)</p> <p>2. El. kontaktrozete ar trešo zemējošo kontaktu: (citā krāsā neatslēdzamajiem el. patērētājiem): 230V, 16A, IP20 230V, 16A, IP44</p>	"OBO" V20-C/3 + NPE vai analogs	kompl.	1	shēmu skatīt lapā EL-SH-3
		individuāli komplektējama	kompl.	1	
			kompl.	1	
			gab.	1	
			gab. gab. gab.	1 5 1	
			gab.	2	
		"OBO" V20-C/3 + NPE vai analogs	kompl.	1	
			kompl. kompl.	58 4	
			kompl. kompl.	15 9	
PROJEKTĒTĀJS:  Brīvības iela 117-15, Rīga, LV-1001 tālr.: 67360343, 67332064, fakss: 67372964 www.daina-el.lv, info@daina-el.lv		OBJEKTS: Ādažu slimnīcas veselības aprūpes centra renovācija Ādažu novadā, Gaujas ielā 13/15.			
STADIJA TP		NOSAUKUMS: Galveno el. iekārtu un materiālu specifikācija			
DATUMS 01/11/2010		© projekta dokumentācija nav izmantojama citu objektu projektēšanai un celtniecībai bez saskaņošanas ar SIA "Daina EL"		FAILA Nr. 2010-81_EL-IS.xls	DOK. NR. EL-IS-2(4)

Pozīcija/ Nr.p.k	Iekārtu un materiālu nosaukums un tehniskais raksturojums	Iekārtu un materiālu marka un tips	Mērvienība	Daudzums	Piezīme
	Apgaismes tīkla iekārtas				
G1	1. Gaismeklis IP20 komplektā ar trijām luminiscences spuldzēm (T5, 14W, 230V), elektronisko balastu (montāža - iebūvēts griestos)	"TRILUX" Enterio M73 OA 314 E vai analogs	kompl.	25	
G1E	2. Gaismeklis IP20 komplektā ar trijām luminiscences spuldzēm (T5, 14W, 230V), elektronisko balastu un akumulatoru (3h) (montāža - iebūvēts griestos)	"TRILUX" Enterio M73 OA 314 E vai analogs	kompl.	6	
G2	3. Gaismeklis IP40 komplektā ar vienu luminiscences spuldzi (T5, 14W, 230V), elektronisko balastu un slēdzi (montāža - pie sienas)	"TRILUX" 6651S/14 E vai analogs	kompl.	3	
G3	4. Gaismeklis IP20 komplektā ar trijām luminiscences spuldzēm (T5, 14W, 230V), elektronisko balastu (montāža - iebūvēts griestos)	"TRILUX" 3623TUXP-H/24 E vai analogs	kompl.	20	
G4	5. Gaismeklis IP20 komplektā ar divām kompaktajām luminiscences spuldzēm (TC-D, 18W, 230V), elektronisko balastu, IP54 DA aizsargstiklu (montāža - iebūvēts griestos)	"TRILUX" Inperla C2 BR 2TCT18 + DA-M vai analogs	kompl.	7	
G5	6. Gaismeklis IP40 komplektā ar vienu luminiscences spuldzi (T5, 14W, 230V), elektronisko balastu (montāža - pie sienas)	"TRILUX" 6651/14 E vai analogs	kompl.	2	
G6	7. Gaismeklis IP54 komplektā ar četrām luminiscences spuldzēm (T5, 14W, 230V), elektronisko balastu (montāža - iebūvēts griestos)	"TRILUX" Enterio M73 OA-IP 414 E vai analogs	kompl.	8	
G6E	8. Gaismeklis IP20 komplektā ar četrām luminiscences spuldzēm (T5, 14W, 230V), elektronisko balastu un akumulatoru (3h) (montāža - iebūvēts griestos)	"TRILUX" Enterio M73 OA-IP 414 E vai analogs	kompl.	2	
G7	9. Gaismeklis IP20 komplektā ar gaismas diodēm, akumulatoru (3h) visiem evakuācijas ceļa norādes trafaretiem (montāža - pie griestiem)	"TM TECHNOLOGIE" Euro glass vai analogs	kompl.	2	
G8	10. Gaismeklis IP20 komplektā ar gaismas diodēm, akumulatoru (3h) visiem evakuācijas ceļa norādes trafaretiem (montāža - pie sienas)	"TM TECHNOLOGIE" Glass 1 vai analogs	kompl.	3	
G9	11. Gaismeklis IP44 komplektā ar divām kompaktajām luminiscences spuldzēm (TC-D, 18W, 230V), elektronisko balastu un sensoru (montāža - pie griestiem)	"Steinel" RS PRO 1000 vai analogs	kompl.	2	
PROJEKTĒTĀJS:  Brīvības iela 117-15, Rīga, LV-1001 tālr.: 67360343, 67332064, fakss: 67372964 www.daina-el.lv, info@daina-el.lv		OBJEKTS: Ādažu slimnīcas veselības aprūpes centra renovācija Ādažu novadā, Gaujas ielā 13/15.			
STADIJA TP		NOSAUKUMS: Galveno el. iekārtu un materiālu specifikācija			
DATUMS 01/11/2010		© projekta dokumentācija nav izmantojama citu objektu projektēšanai un celtniecībai bez saskaņošanas ar SIA "Daina EL"		FAILA Nr. 2010-81_EL-IS.xls	DOK. NR. EL-IS-3(4)

Pozīcija/ Nr.p.k	Iekārtu un materiālu nosaukums un tehniskais raksturojums	Iekārtu un materiālu marka un tips	Mērvienība	Daudzums	Piezīme
	<p align="center">Apgaismes tīkla slēdži un vadības skapji</p> <p>1. Vienpolīgs elektriskais slēdzis: 230V, 10A, IP20 (zemapmetuma) 230V, 10A, IP44 (zemapmetuma)</p> <p>2. Sapārots elektriskais slēdzis: 230V, 10A, IP20 (zemapmetuma) 230V, 10A, IP44 (zemapmetuma)</p> <p align="center">El. kabeli, kabeļu gala apdares un caurules</p> <p>1. El. kabeli:</p> <p>šķērsgriezums 3x1,5 mm² šķērsgriezums 3x2,5 mm² šķērsgriezums 5x6 mm² šķērsgriezums 5x16 mm² šķērsgriezums 3x2,5/2,5 mm²</p> <p>šķērsgriezums 1x6 mm²</p> <p>2. Gala apdares komplekts kabelim:</p> <p>5x6mm² 5x16mm²</p> <p>3. Plastmasas caurules: p.25 p.32 p.40</p> <p align="center">Kabeļu trepes, renes un instalācijas kanāli</p> <p>1. Horizontālais monolīts el. kabeļu plaukts ar nosegvāku, stiprinājuma un pagrieziena elementiem: platums 200 mm</p> <p>2. Instalāciju kanāls ar trīs nodalījumiem: izmērs 50x80 mm</p> <p align="center">Citi instalācijas materiāli</p> <p>1. Zemapmetuma nozarkārba 2. Ugunsdrošais blīvējums</p> <p align="center">Zemējums</p> <p>Piezīme: Zibensaizsardzības sistēmas zemējuma kontūru skatīt atsevišķā projektā, kas izstrādāts pēc topogrāfijas plāna saņemšanas.</p>	<p>PPJ vai analogs PPJ vai analogs PPJ vai analogs PPJ vai analogs NHXH FE180/E30 vai analogs H07V-K vai analogs</p>	<p>kompl. kompl.</p> <p>kompl. kompl.</p> <p>m m m m m m</p> <p>kompl. kompl.</p> <p>m m m</p> <p>m m kompl. kompl.</p>	<p>4 2</p> <p>9 1</p> <p>660 1080 160 40 26 150</p> <p>8 4</p> <p>200 20 10</p> <p>45 50</p> <p>110 10</p>	<p>precizēt precizēt precizēt</p> <p>precizēt</p> <p>precizēt</p>
<p>PROJEKTĒTĀJS:</p> <p> Brīvības iela 117-15, Rīga, LV-1001 tālrunis: 67360343, 67332064, fakss: 67372964 www.daina-el.lv, info@daina-el.lv</p>		<p>OBJEKTS:</p> <p align="center">Ādažu slimnīcas veselības aprūpes centra renovācija novadā, Gaujas ielā 13/15.</p> <p align="right">Ādažu</p>			
<p>STADIJA</p> <p>TP</p>		<p>NOSAUKUMS:</p> <p align="center">Galveno el. iekārtu un materiālu specifikācija</p>			
<p>DATUMS</p> <p>01/11/2010</p>		<p>© projekta dokumentācija nav izmantojama citu objektu projektēšanai un celtniecībai bez saskaņošanas ar SIA "Daina EL"</p>		<p>FAILA Nr.</p> <p>2010-81_EL-IS.xls</p>	
		<p>DOK. NR.</p> <p>EL-IS-4(4)</p>			

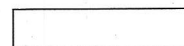


“Ādažu slimnīcas veselības aprūpes centra renovācija”
Ādažu novadā, Gaujas ielā 13/15.
Tehniskais projekts
Elektroapgādes daļa (EL)

Pasūt. Nr. 2010-81

PIELIKUMS NR.1

APRĒĶINOS IZMANTOTO GAISMEKĻU POZĪCIJAS



G1; G1E

"TRILUX" Enterio M73 OA 314 E

Product information Enterio M73 OA 314 E

TOC: 51 415 04

Recessed luminaires with opal diffuser, 600 module (M73) or 625 module (M84)

Recommended areas

Sales areas, showrooms, offices, lounges, corridors and production facilities.

Universal system that can be installed in cut-out recess openings and in ceiling systems comprising of concealed or exposed grids (trunking 15 mm / 24 mm).

Optical system

Direct, with opal cover for lending a particularly uniform luminance, mounted in a white aluminium frame.

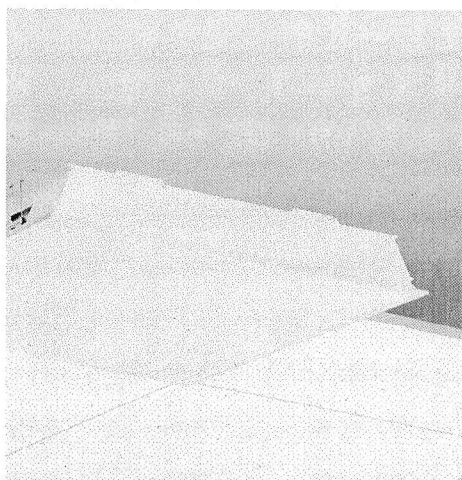
Cover made of PLEXIGLAS.

Luminaire body

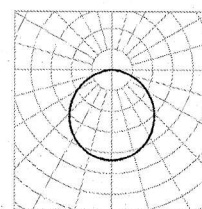
Powder-coated sheet steel, white. Increased stability through extra beading in the luminaire top. Low overall height allows for placement of square luminaires on exposed grids even with low ceiling voids of 200 mm and more.

Control gear option

With electronic control gear (E).



TRILUX

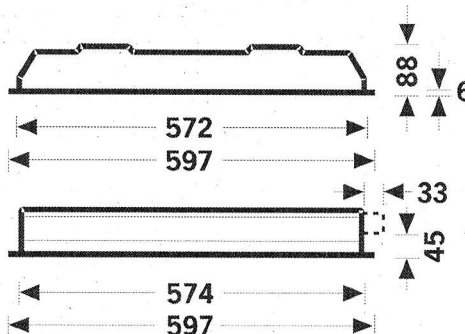


file TX019589
UGR I = 19.5
UGR q = 19.3
LFEC = F4

c0-c180
c90-c270



Degree of protection	IP 20
Degree of protection in the room	IP 40
Safety class	I
Hot wire test	650 ° C
Shock resistance	0,2 J
LFEC	F4
Cibse	BZ 4
Socket	G5
LOR	0,63



available accessories

TOC:	article
28 810 00	Wannenabzieher 045 sendzi
47 167 00	Enterio ZBB/1
52 503 00	ZSF

G2

"TRILUX" 6651S/14 E

Product information 6651S/14 E TOC: 12 378 04

Wall-mounted luminaires and wall-mounted luminaires for mirrors with opal PLEXIGLAS diffuser with electronic control gear (E).

Application

Wall-mounted luminaires for sales areas, corridors, waiting areas and for mirror lighting.

Optical system

Opal PLEXIGLAS diffuser, with internal channel prisms, made in one piece.

Luminaire body

Extruded aluminium, white, powder-coated, with integrated, rear-side wiring passage in case of out of line wall outlet. White-coated end caps or in version

With optimised length for tile and mirror dimensions. With plastic end caps, flat at the front planes.

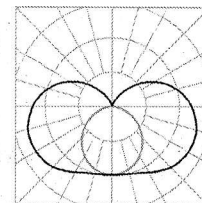
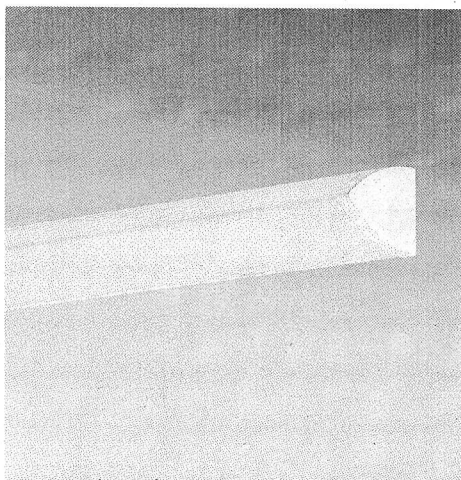
End cap with integrated rocker switch.

Control gear option

With electronic control gear (E)



TRILUX

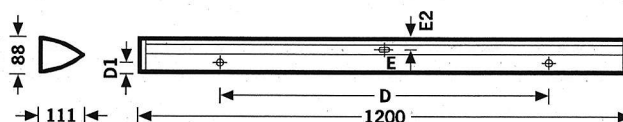
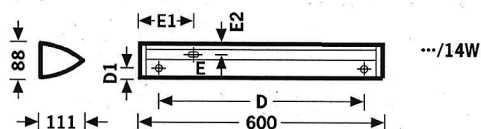


file TX0452
UGR I = 15.3
UGR q = 23.9
LFEC = F4

— c0-c180
.... c90-c270



Degree of protection	IP 40
Safety class	I
Hot wire test	650 ° C
Shock resistance	0,2 J
LFEC	F4
Cibse	BZ 7
Socket	G5
LOR	0,79



D (mm): 500
D1 (mm): 25
E1 (mm): 135
E (mm): 27

available accessories

TOC:	article
28 546 00	Diffuser 6651/14 spare packed

G3

"TRILUX" 3623TUXP-H/24 E

Product information 3623TUXP-H/24 E

TOC: 45 680 04

Universal recessed and surface-mounted luminaires with translucent side sections and highly-specular ultra-low cross-section louvre UXP-H

Application

For more lighting comfort in offices, financial institutions, sales areas, showrooms and conference rooms.

Universal application as surface-mounted and semi-recessed luminaires in ceilings with cut-out recess openings as well as in ceilings with concealed or exposed grids, modules 625 and 600 mm.

Optical system

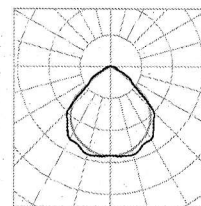
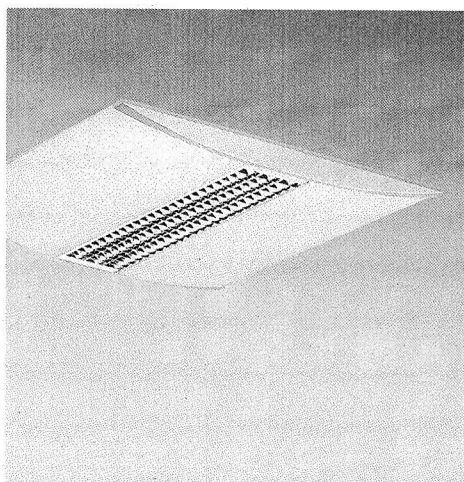
Secondary diffuser optics for increased lighting comfort, with convex, translucent PMMA or PC covers, combined with highly-specular, ultra-low cross-section louvre in UXP-Technology (r), reflectance value 98 %, scattering part ≤ 3 %. Suitable for DSE applications in accordance with EN 12464-1 due to limited luminance $L \leq 1000 \text{ cd/m}^2$ at reference angle above 65° all-round.

Luminaire body

Sheet steel, white, recess depth max. 23 mm. Underside: with moulded end caps, silver-grey, inclined at 30° and perfectly adapted to the luminaire profile.

Control gear option

With electronic control gear (E).

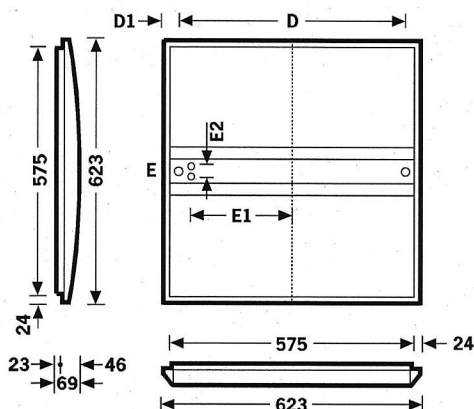


file TX003213
UGR I = 14.9
UGR q = 16.2
LFEC = F3

— c0-c180
--- c90-c270



Degree of protection	IP 20
Safety class	I
Hot wire test	850 ° C
Hot wire test	650 ° C
Shock resistance	0,2 J
LFEC	F3
Cibse	BZ 1/75/BZ 2
Socket	G5
LOR	0,65



D (mm): 523
D1 (mm): 50
E1 (mm): 231,5
E2 (mm): 32

available accessories

TOC:	article
21 485 00	03620/3 Mounting Rail

G4

"TRILUX" Inperla C2 BR 2TCT18 + DA-M

Product information Inperla C2 BR 2TCT18 E 01

TOC: 51 906 04

Recessed downlights, small size C2, with faceted (BR) reflector

Optical system

Reflector BR, faceted, made of post-anodised, high-purity aluminium, can be fitted without tools.

Luminaire body

Galvanised sheet steel, with die-cast round bezel ring. Shadow gap between bezel ring and reflector edge to accommodate accessories. Tool-free recess mounting in ceiling by means of rapid-mounting springs. Recess diameter 210 mm, recess depth 100 mm.

Bezel ring

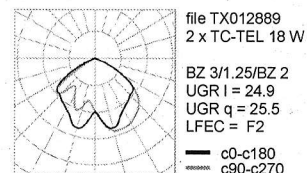
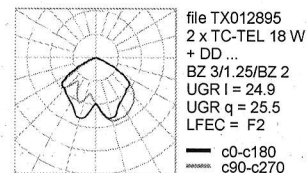
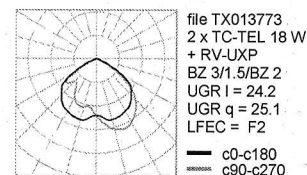
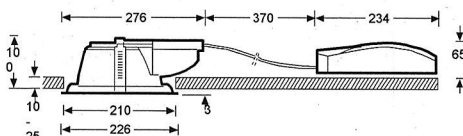
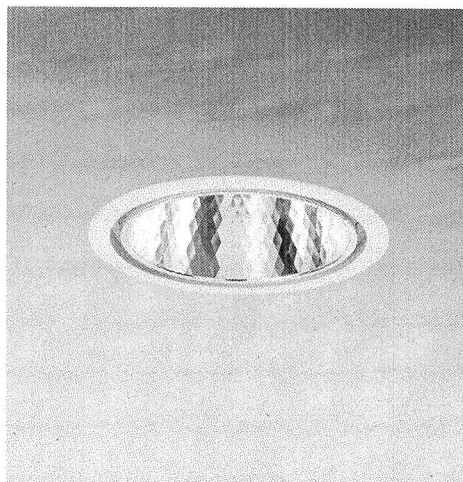
...01 white.

Electrical connection

Electrical equipment in separate housing, with connecting terminal for wires up to 2.5 mm² and strain relief system. Housing and socket carrier made of heat-resistant plastic, connected together by a 370 mm long sheathed cable.

Control gear options

With electronic control gear (E).



Degree of protection	IP 20
Safety class	I
Hot wire test	850 °C
Shock resistance	0,2 J
LFEC	F2
Cibse	BZ 3/1.25/BZ 2
Socket	GX24q-3
LOR	0,73

available accessories

TOC:	article
52 014 00	Inperla C2 RA-HR
52 015 00	Inperla C2 RA-MR
52 019 00	Inperla C2 WW-HR
00 000 00	Inperla C2 DR
51 978 00	Inperla C2 DR-M
51 979 00	Inperla C2 DR-TM
00 000 00	Inperla C2 DS
51 980 00	Inperla C2 DS-M
51 981 00	Inperla C2 DS-TM
52 011 00	Inperla C2 MP 300
52 007 00	Inperla C2 BE
51 994 00	Inperla C2 DD 01
51 995 00	Inperla C2 DD 03
51 988 00	Inperla C2 DA 01
51 989 00	Inperla C2 DA 03
51 990 00	Inperla C2 DA-M 01
51 991 00	Inperla C2 DA-M 03
51 992 00	Inperla C2 DA-TM 01
51 993 00	Inperla C2 DA-TM 03
51 623 00	Inperla C2 SA-PC
51 624 00	Inperla C2 ZN-PC
51 625 00	Inperla C2 ZH-PC
51 996 00	Inperla C2 RI-PC 01
52 016 00	Inperla C2 RI-PC 03
52 017 00	Inperla C2 RI-PC blue 03
51 626 00	Inperla C2 RG-PC
52 018 00	Inperla C2 RK-PC
52 006 00	Inperla C2 AZ-PC 01
51 987 00	Inperla C2 AZ-PC 03
51 986 00	Inperla C2 AG-PC 01
52 005 00	Inperla C2 AG-PC 03
52 009 00	Inperla C2 LS-PC 01
52 010 00	Inperla C2 LS-PC 03
52 012 00	Inperla C2 MP 600
52 013 00	Inperla C2 MP 625
52 020 00	Inperla C2 WW-MR
52 029 00	Inperla C2 RI-PC blue 01
52 030 00	Inperla C2 RI-PC yellow 01
52 031 00	Inperla C2 RI-PC green 01
52 032 00	Inperla C2 RI-PC red 01
52 033 00	Inperla C2 RI-PC yellow 03
52 034 00	Inperla C2 RI-PC green 03
52 035 00	Inperla C2 RI-PC red 03
52 036 00	Inperla C2 RG-PC blue
52 037 00	Inperla C2 RG-PC yellow
52 038 00	Inperla C2 RG-PC green
52 039 00	Inperla C2 RG-PC red
00 000 00	Inperla C2 MP 400
52 097 00	Inperla C2 RV-UXP

Product information Inperla C2 DA-M 01
TOC: 51 990 00



Decorative covers, frosted.

For IP 54 protection below the ceiling. Made of float glass, integrated in the die-cast decorative ring, white (···01) or silver-grey (···03). For downlights Inperla C2···, Onperla D2···. Not suited for Inperla ···2TCT42.



available accessories

TOC:	article
29 265 00	03630S Vacuum Plug

G5

TRILUX" 6651/14 E

Product information 6651/14 E TOC: 12 372 04

Wall-mounted luminaires and wall-mounted luminaires for mirrors with opal PLEXIGLAS diffuser

Application

Wall-mounted luminaires for sales areas, corridors, waiting areas and for mirror lighting.

Optical system

Opal PLEXIGLAS diffuser, with internal channel prisms, made in one piece.

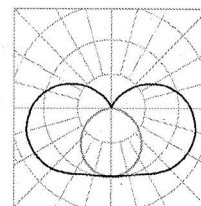
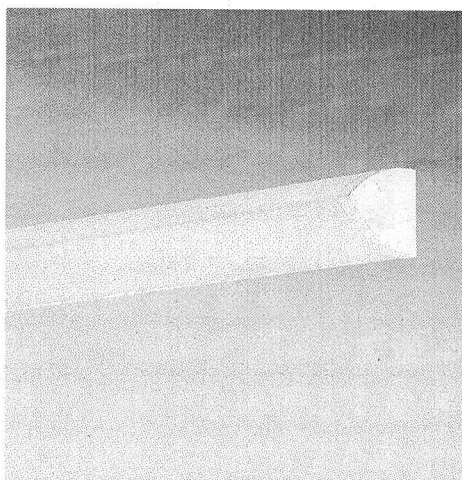
Luminaire body

Extruded aluminium, white, powder-coated, with integrated, rear-side wiring passage in case of out of line wall outlet. White-coated end caps or in version

With optimised length for tile and mirror dimensions. With plastic end caps, flat at the front planes.

Control gear option

With electronic control gear (E)

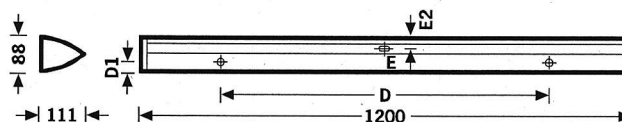
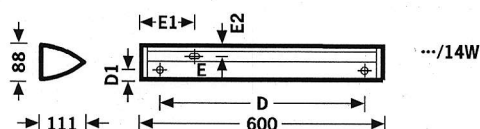


file TX0446
UGR I = 15.3
UGR q = 23.9
LFEC = F4

c0-c180
c90-c270



Degree of protection	IP 40
Safety class	I
Hot wire test	650 ° C
Shock resistance	0,2 J
LFEC	F4
Cibse	BZ 7
Socket	G5
LOR	0,79



D (mm): 500
D1 (mm): 25
E1 (mm): 135
E2 (mm): 27

available accessories

TOC:	article
28 546 00	Diffuser 6651/14 packed

G6; G6E

"TRILUX " Enterio M73 OA-IP 414 E

Product information Enterio M73 OA-IP 414 E

TOC: 51 419 04

Recessed luminaires with opal diffuser, 600 module (M73) or 625 module (M84) with electronic control gear (E).

Recommended areas

Sales areas, showrooms, offices, lounges, corridors and production facilities.

Universal system that can be installed in cut-out recess openings and in ceiling systems comprising of concealed or exposed grids (trunking 15 mm / 24 mm).

Optical system

Direct, with opal cover for lending a particularly uniform luminance, mounted in a white aluminium frame.

Cover made of PLEXIGLAS.

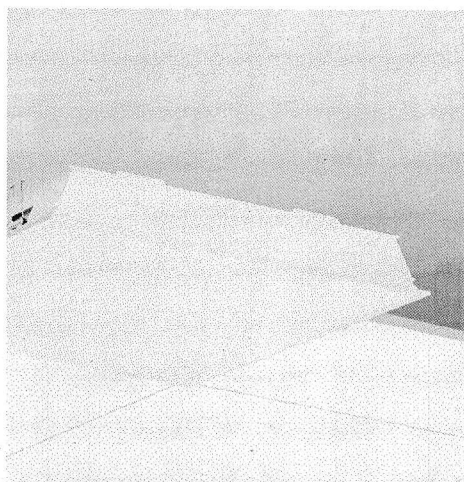
Increased degree of protection IP54 (underside).

Luminaire body

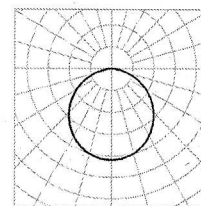
Powder-coated sheet steel, white. Increased stability through extra beading in the luminaire top. Low overall height allows for placement of square luminaires on exposed grids even with low ceiling voids of 200 mm and more.

Control gear option

With electronic control gear (E)



TRILUX

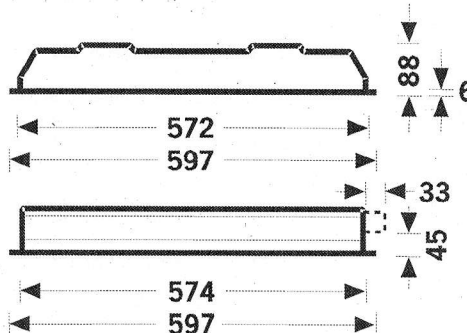


file TX021798
UGR I = 20.5
UGR q = 20.5
LFEC = F5

c0-c180
c90-c270



Degree of protection	IP 20
Degree of protection in the room	IP 54
Safety class	I
Hot wire test	650 ° C
Shock resistance	0,2 J
LFEC	F5
Cibse	BZ 5/4/BZ 4
Socket	G5
LOR	0,60



available accessories

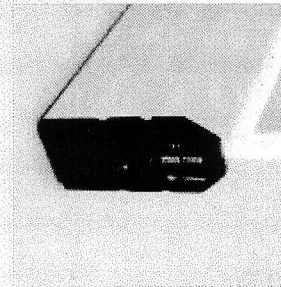
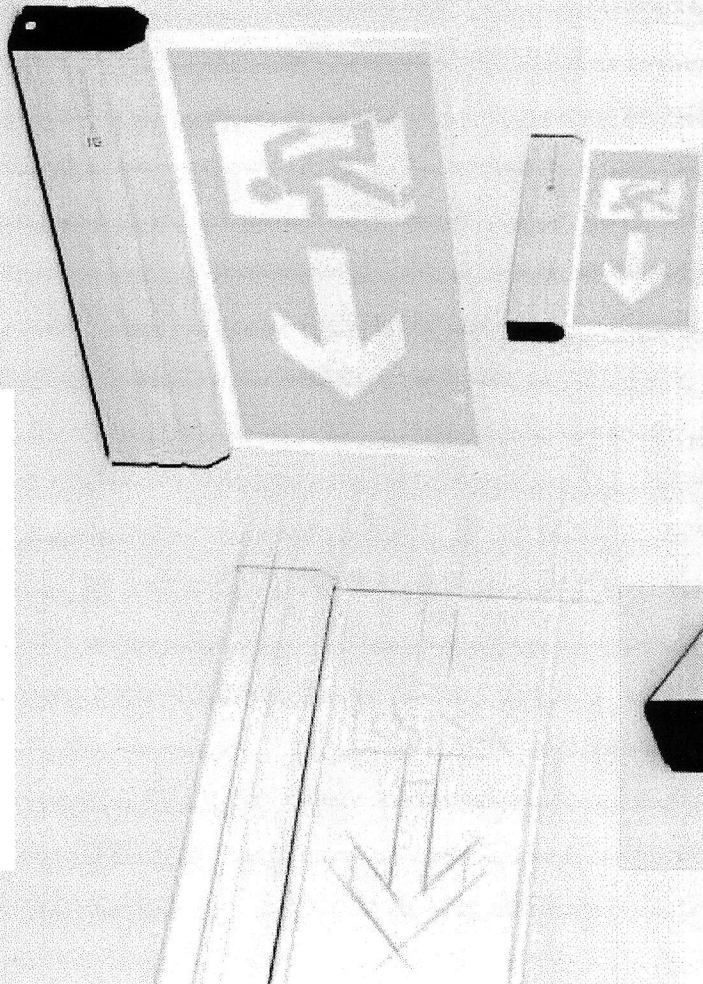
TOC:	article
28 810 00	Wannenabzieher 045 sendzi
47 167 00	Enterio ZBB/1
52 503 00	ZSF

G7

"TM TECHNOLOGIE" Euro glass

Dwustronne oprawy oświetlenia ewakuacyjnego o stopniu szczelności IP20 wykonane z aluminium. Przeznaczone są do wyznaczania wyjść oraz dróg ewakuacyjnych w budynkach użyteczności publicznej. Jako źródła światła zastosowano diody LED. W trakcie pracy awaryjnej działają one ze 100% strumieniem świetlnym.

Double-sided evacuation lighting fittings with the protection level IP20 are made of aluminum. They are designed to indicate exits and evacuation routes in public buildings. As light sources, the LED diodes were applied. During emergency operation, light sources operate with 100% luminous flux.



Test manualny oraz sygnalizacja stanu pracy.
Manual test and operation mode indication.

Typ	Model	Źródło światła	Czas	Funkcja	Strumień	Waga (kg)
Type	Model	Power	Time	Function	Luminous flux	Weight (kg)
EURO GLASS	3L/2	LED	3 h	SA	100%/100%	1.3

A – praca awaryjna / non maintained
 SA – praca awaryjno-sięciowa / maintained
 ST – test ręczny / manual test

AT – test automatyczny indywidualny / automatic separate test
 DATA – test automatyczny centralny / automatic central test
 CB – do centralnej baterii / to central battery

Specyfikacja

Specification
Oprawy są przeznaczone do montażu na sufitach w halach produkcyjnych, salonach sprzedaży, supermarketach, szkołach, obiektach biurowych, restauracjach, hotelach itp.

Fittings are designed to be mounted on the ceilings in assembly rooms, showrooms, supermarkets, schools, office buildings, restaurants, hotels, etc.

System optyczny

Optical system
Dyfuzor oprawy jest wykonany z przezroczystego poliwęglanu (PC) i stabilizowanego UV PMMA z powierzchnią rozpraszającą światło.

Fitting diffuser is made of clear polycarbonate (PC) and clear UV-stabilized PMMA with prismatic surface.

Zasilanie

Power supply

230 V AC

50–60 Hz

Zakres temp. pracy

Ambient temp. range

10–50°C

Akumulator

Rechargeable battery

Ni-Cd

Widoczność

Visibility
Korpus oprawy wykonany z aluminium lakierowanego proszkowo i stabilizowanego UV ABS.

The fitting housing is made of powder-varnished aluminum and UV-stabilized ABS.



d = 32 m

Piktogramy



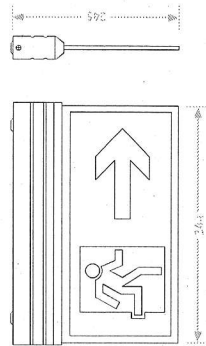
Sposób mocowania

Mounting
Natynkowy, do sufitów

Surface mounting, for ceilings

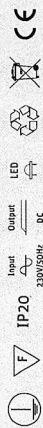
Wymiary

Dimensions



G8

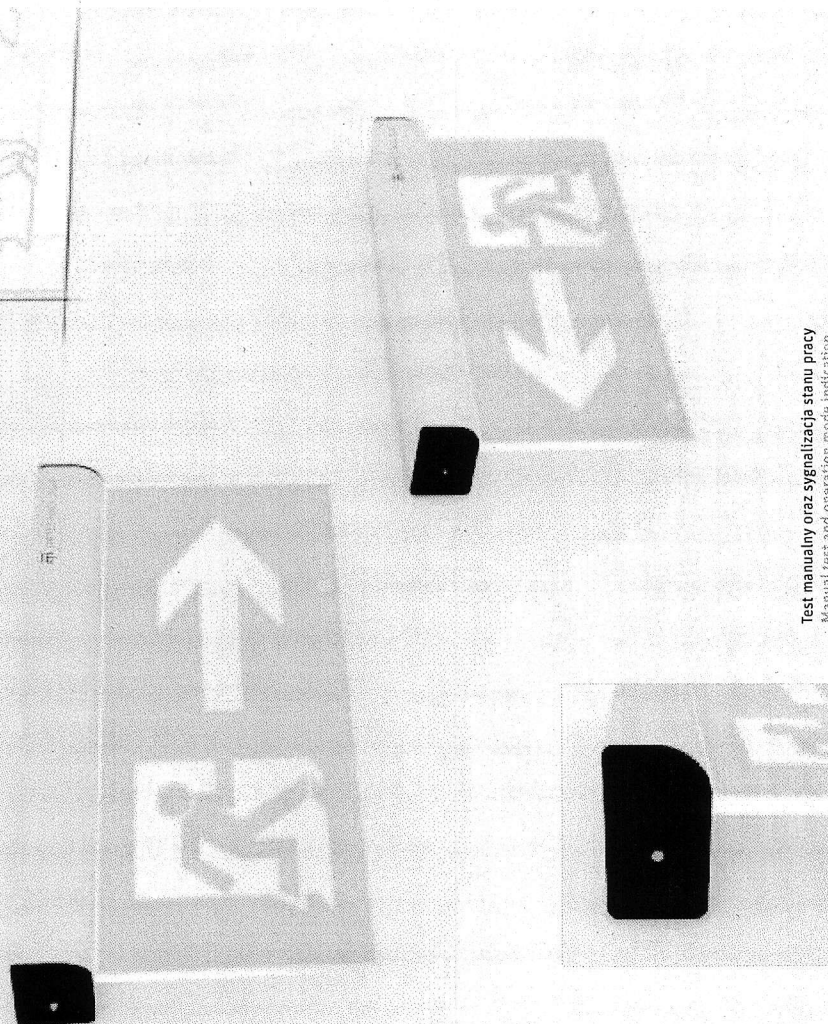
"TM TECHNOLOGIE" Glass 1



Jednostronne oprawy oświetlenia ewakuacyjnego o stopniu szczelności IP20 wykonane z aluminium. Przeznaczone są do wyznaczania wyjść oraz dróg ewakuacyjnych w budynkach użyteczności publicznej. Jako źródła światła zastosowano diody LED. W trakcie pracy awaryjnej działają one ze 100% strumieniem światłym.

One-sided evacuation lighting fittings with the protection level IP20 are made of aluminium. They are designed to indicate exits and evacuation routes in public buildings.

As light sources, the LED diodes were applied. During emergency operation, light sources operate with 100% luminous flux.



Test manualny oraz sygnalizacja stanu pracy
Manual test and operation mode indication

Typ	Model	Źródło światła	Czas	Funkcja	Strumień	Waga
Type	Model	Light source	Time	Function	Luminous flux	(kg) / weight (kg)
GLASS 1	1L/1	LED	1 h	A	100%	1,5 1,5 1,5
GLASS 1	3L/1	LED	3 h	A	100%	1,5 1,5 1,5
GLASS 1	1L/2	LED	1 h	SA	100%/100%	1,5 1,5 1,5
GLASS 1	3L/2	LED	3 h	SA	100%/100%	1,5 1,5 1,5
GLASS 1	L/CB	LED	-	-	100%/100%	- - -

A – praca awaryjna / don maintained
SA – praca awaryjno-sieciowa / maintained
ST – test ręczny / manual test

AT – test automatyczny indywidualny / automatic, separate test
DATA – test automatyczny centralny / automatic central test
CB – do centralnej baterii / to central battery

Specyfikacja

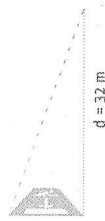
System optyczny

Dyfuzor oprawy jest wykonany z przezroczystego poliwęglanu (PC) i stabilizowanego UV PMMA z powłoczną rozpraszającą światło. Fitting diffuser is made of clear polycarbonate (PC) and clear UV-stabilized PMMA with prismatic surface.

Oprawy są przeznaczone do montażu na ścianach w halach produkcyjnych, salonach sprzedaży, supermarketach, szkołach, obiektach biurowych, restauracjach, hotelach itp. Fittings are designed to be mounted on the walls in assembly rooms, showrooms, supermarkets, schools, office buildings, restaurants, hotels, etc.

Widoczność

Visibility



d = 32 mm

Piktogramy

Pictograms



Sposób mocowania

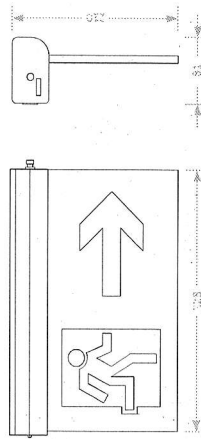
Mounting

Natynkowy, do ścian

Surface mounting, for walls

Wymiary

Dimensions



Akumulator

Rechargeable battery
* opcjonalnie / optional

Korpus oprawy

Fitting housing

Korpus oprawy jest wykonany z aluminium lakierowanego proszkowo oraz stabilizowanego UV ABS. The fitting housing is made of powder-varnished aluminium and UV-stabilized ABS.

Czas ładowania

Charging time

Pierwsze ładowanie: 48 h
Ładowanie cykliczne: 24 h
First charging: 48 h
Cyclic charging: 24 h

Zasilanie

Power supply

230 V AC
50-60 Hz

Zakres temp. pracy

Ambient temp. range

10-50°C

G9

"Steinel" RS PRO 1000

RS PRO 1000 RS PRO 2000

STEINEL® PROFESSIONAL

HF-SensorLights for Indoors

Grown up and powerful: RS PRO 1000 and RS PRO 2000

The RS PRO 1000 works with 2 x 18 W low-energy lamps and 2 electronic ballasts. The 2000 version is rated for a powerful 2 x 26 W/ TC-DEL G 24-Q3 as well as a separate electronic ballast for each of the two lamps. Both lights from the RS PRO family can be interconnected bidirectionally by wireless link. To do this, wireless modules are plugged directly into the lights. No fewer than 32 addresses are also available for creating complex interconnected groups. Wireless transmission is fast and extremely reliable. The aluminium base of these lights is particularly durable. Shades are available in glass or impact-resistant plastic. Needless to say, interconnection is also possible by cable. Additional loads of up to 800 watts (e.g. bathroom/ WC extractor fan) or lights can be connected.

Features

Low-energy lamp

- RS PRO 1000: 2 x 18 W/ TC-DEL G 24-Q2
- RS PRO 2000: 2 x 26 W/ TC-DEL G 24-Q3
- 2 separate electronic ballasts, one for each lamp
- Can also be operated with just one lamp

Sensor

- HF-sensor 360°, 1–8 m all round
- Reach can be set as required
- Precision adjustment of light 'ON' time and twilight threshold

Accessories (optional)

LED module

- 25 LED's
- Mains-operated or - when battery-powered - mains-independent orientation light

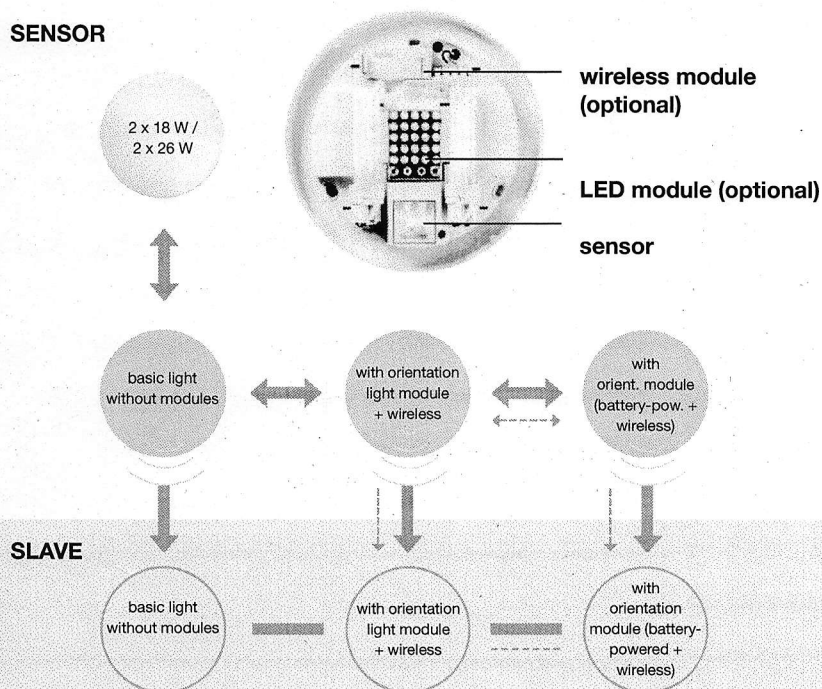
Emergency light

- Connection to an emergency power system
- 3 W power-LED

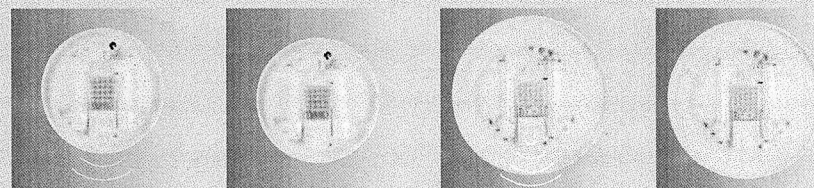
Wireless

- 32 channels
- Bidirectional link
- Max. 100 m in the open
- Wireless and cabled interconnection can be combined

SENSOR



SLAVE



RS PRO 1000 sensor:
2 x 18 W,
2 electronic ballasts

RS PRO 1000 slave:
2 x 18 W,
2 electronic ballasts

RS PRO 2000 sensor:
2 x 26 W,
2 electronic ballasts

RS PRO 2000 slave:
2 x 26 W,
2 electronic ballasts

Motion Detectors

Presence Detectors

SensorLights

Sensor-Switched
Floodlights

Wireless Sensor Systems

Support, Service