

To-do list

<http://tl20212.cecs.anu.edu.au/request.html>

Clients TODO:

1. ~~SPDT~~ ~~ADD COATING~~ need at least 1 spec (spec 1 should not be removable) **Is there a max spec limit? NO**
2. **The structure of photonic coatings**
3. **Database front end drawing (how many different UIs, search what, how do you want the data to be presented?)**
4. **TRACK/MODIFY/FEEDBACK – is everything perfect? Do we need to add any text to explain?**
5. **Any more explanatory text in general? Eg: under what circumstances does a customer need to choose Custom rather than Standard, etc.**
6. **OPTIC – SUPPLIED – text for “Chemical compatibility for cleaning” absent**

Please tell us if any of the parts react with liquinox brand detergent, di water, acetone, isopropanol alcohol, ethanol, methanol, citranox, ultrasonic agitation. If you wish to have the substrate cleaned with a special regimen, please add full details to special requirements.

7. **PHOTONIC – SUPPLIED/CUSTOM – text for “Chemical compatibility for cleaning” absent**

same

9. **HOME – what exactly do we want? Feel free to rewrite it if needed -** Text is fine (copied from original website). Under customer portal header add button to start new order. Dropdown menu for narrow screen widths does not work. (use web testing tools for different screen size)
10. **More diagrams? -** Yes but need to see newer version of website
11. **Which fields are required fields?** Until we have a more up-to-date version of the webpage it's hard to comment on this.
12. **Agree on data interchange format from web page -> database: substrate, coating & surface specs. JSON/XML/yml(preferred)**

16. In 'Request a Part' no header or footer (to avoid links leading away from page) only 'home' and 'reset form'
17. Need 'remove part' option - can we have a shopping cart - like approach that allows to modify previously added parts (like a custom pizza order) [Not prioritized]

Developers TODO:

Website Enhancement

1. SPDT - CUSTOM/STANDARD - Material - change AnSe to ZnSe, add Vespel, Nylon, Delrin and PTFE
2. SPDT - STANDARD - Default is only A1 and A2, add A4 A6 A8 A10(optional).
3. SPDT - BLANK TYPE - SUPPLIED/CUSTOM - delete chamfers for all kinds of geometry
4. SPDT - SUPPLIED - shouldn't use images to show equations because they have fixed resolution and they don't scale the same as text. For example, changing the size of the window can make them look like this.
5. SPDT - STANDARD - SUPPLIED - OVAL - [FFF - wrong place]
6. SPDT - ADD COATING - [FFF – align spacing, button **Remove**, align Protective coating]
7. SPDT – SIDE2 - NO – [FFF – Format completely different, a lot of changes needed]
8. SPDT – ADD COATING - need at least 1 spec (spec 1 should not be removable, "Coating requires at least one spec") **Is there a max spec limit? No**
9. SPDT - change ADD COATING to ADD COATING WITH LAYER SPECIFICATIONS (as the screenshot below, max 3 layers) and ADD COATING WITH OPTICAL SPECIFICATIONS (current content, no max limit)

Layer 1

Thickness of Layer (nm):

Thickness Tolerance (nm):

Material:

10. **SPDT - ADD COATING - ADD ANOTHER SPDT PART – order mistake (LOGIC!)**
11. SPDT - CUSTOM - [FFF- align uploads spacing]
12. **SPDT/OPTIC** - Geometry=Polygon - add a field called 'Number of Sides'
13. OPTIC - COATING - SPEC - Transmission and Reflection - Add a dropdown box at the end of the line with 3 options: ppm, %, dB
14. OPTIC - COATING - DELETE SPEC1 - change the message to 'Part requires at least one coating'
15. OPTIC - there should be a dropdown box with the options 'Polygonal face' and 'Extruded face' under 'Description of face' but only if the user selects polygon geometry.
16. OPTIC – SUPPLIED/CUSTOM – **text for “Chemical compatibility for cleaning” absent**
17. OPTIC – SUPPLIED/CUSTOM – MTA – change to 3 radio buttons: DOWNLOAD button for standard, UPLOAD for customer supplied, TO BE AGREED
18. OPTIC – ADD SIDE – REMOVE SIDE – the new side number is wrong
19. OPTIC – ADD ANOTHER PART – ADD SIDE FOR THE FIRST PART – new sides are appended to the end
20. OPTIC – ADD ANOTHER PART – ADD SIDE – [FFF – curvature align with before]
- 20.5 OPTIC - move before add coating

Surface finishes

Surface Roughness (nm):

Form Accuracy ($\lambda/\#$):

Please select

Surface Quality ("Scratch-Dig"):

Please select

☒ **Curvature**
☐ Flat
 ☐ Toric
 ☐ Parabolic (Please give us more information)
 ☐ Other (Please give us more information)

[Upload File](#)

21. PHOTONIC – SUPPLIED/CUSTOM – RECTANGLE/POLYGON/OTHER: [FFF: align with OVAL]
22. PHOTONIC – SUPPLIED/CUSTOM – “Chemical compatibility for cleaning” - SAME AS 16
23. PHOTONIC – SUPPLIED/CUSTOM – MTA – SAME AS 17
24. PHOTONIC – add a DELETE LAYER button, layer 1 should not be removable
25. PHOTONIC - ADD NEW LAYER - move to bottom of the last layer
26. Integrated optics and chip assembly - add text:

For any requests or info about integrated optics and chip assembly please feel free to contact the following:

Node Director: A/Prof. Steve Madden

Email: stephen.madden@anu.edu.au

Phone: (02) 612 58574 or 0404 932 099

27. **Add CAPTCHA**
28. Limit the upload file types

Website Upgrading

1. HTTP to HTTPS

